



CONTARINI®

Interpump Hydraulics International



A

Cilindri e componenti
Cylinders and components
Zylinder und Komponenten



Contarini Leopoldo s.r.l.

A member of



Descrizione / D
Double acting cylinder



CERTIFICATO DEL SISTEMA DI GESTIONE PER LA QUALITÀ QUALITY MANAGEMENT SYSTEM CERTIFICATE

Si dichiara che il sistema di gestione per la Qualità dell'Organizzazione:
We certify that the Quality Management System of the Organization:

Reg. No: 533 – A

CONTARINI LEOPOLDO S.r.l.

Indirizzo/Address:

Via A. Volta, 34
48022 Lugo RA Italia

- Via Fiumazzo, 46 48022 Lugo (RA) Italia

È conforme alla norma/Is in compliance with the standard:

UNI EN ISO 9001:2008
ISO 9001:2008

Per i seguenti prodotti-servizi/For the following products-services:

Progettazione e produzione di cilindri oleodinamici a catalogo e su specifica del cliente
Commercializzazione di componenti oleodinamici

Design and production of hydraulic cylinders according to our catalogue and custom made
Dealing in hydraulic components

EA: 18

Il mantenimento della certificazione è soggetto a sorveglianza annuale e subordinato al rispetto dei requisiti essenziali CERMET.
Maintenance of the certification is subject to annual survey and dependent upon the observance of CERMET basic requirements.

Rilascio certificato/Certificate issuance: 1999-12-21

Prossimo rinnovo/Following renewal: 2013-04-30

Direttore Commerciale e Operativo
Sales and Operations Manager

Gianpiero Belcredi

Direttore Generale
General Manager

Rodolfo Trippodo

SINCERT

ACCREDITAMENTO ORGANISMI DI CERTIFICAZIONE E ISPEZIONE

SGQ N° 007A
SGA N° 0100
PRD N° 069B
SSI N° 006G
FSM N° 004E
SCR N° 013F
Membro degli accordi di mutuo riconoscimento EA e IAF.
Signatory of EA and IAF Mutual Recognition Agreements

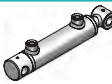
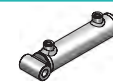
CERMET
Certification and research for quality

CERMET Soc. Cons. a r.l. - Headquarter Italy - Via Cadriano 23 - 40057 Cadriano di Granarolo (BO) - Tel +39.051.764.811 - Fax +39.051.763.382 - www.cermet.it

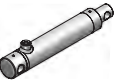
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Product specifications in this catalogue are not binding. Contarini Leopoldo s.r.l. can change any data without notice.
Die vorliegenden Angaben sind nicht bindend. Contarini Leopoldo s.r.l. behält sich vor, technische Änderungen ohne Mitteilung vorzunehmen.

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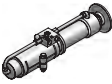
CILINDRI DOPPIO EFFETTO DOUBLE ACTING CYLINDERS/DOPPELWIRKENDE ZYLINDER

							
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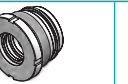
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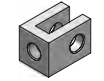
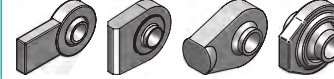
						
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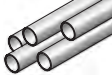
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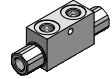
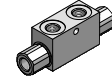
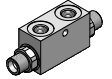
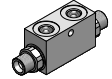
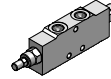
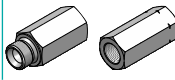
COMPONENTI PER CILINDRI IN INOX AISI 316 COMPONENTS FOR CYLINDERS - STAINLESS STEEL AISI 316 / ZYLINDERKOMPONENTEN AUS ROSTFREIEM STAHL AISI 316

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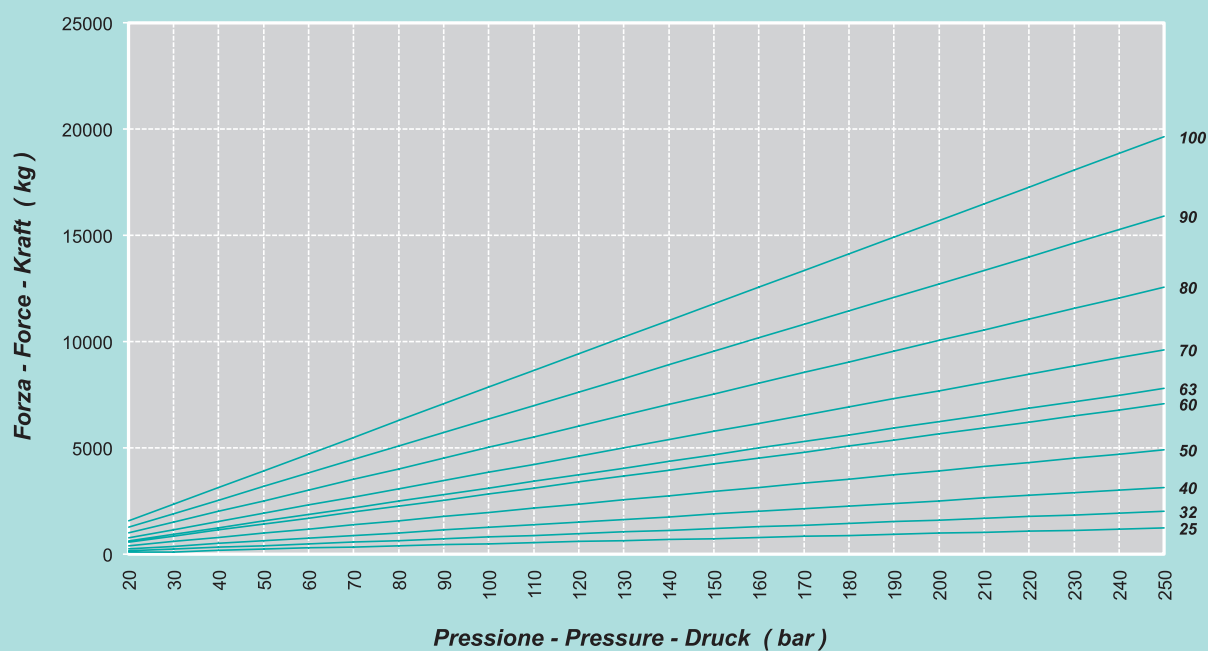
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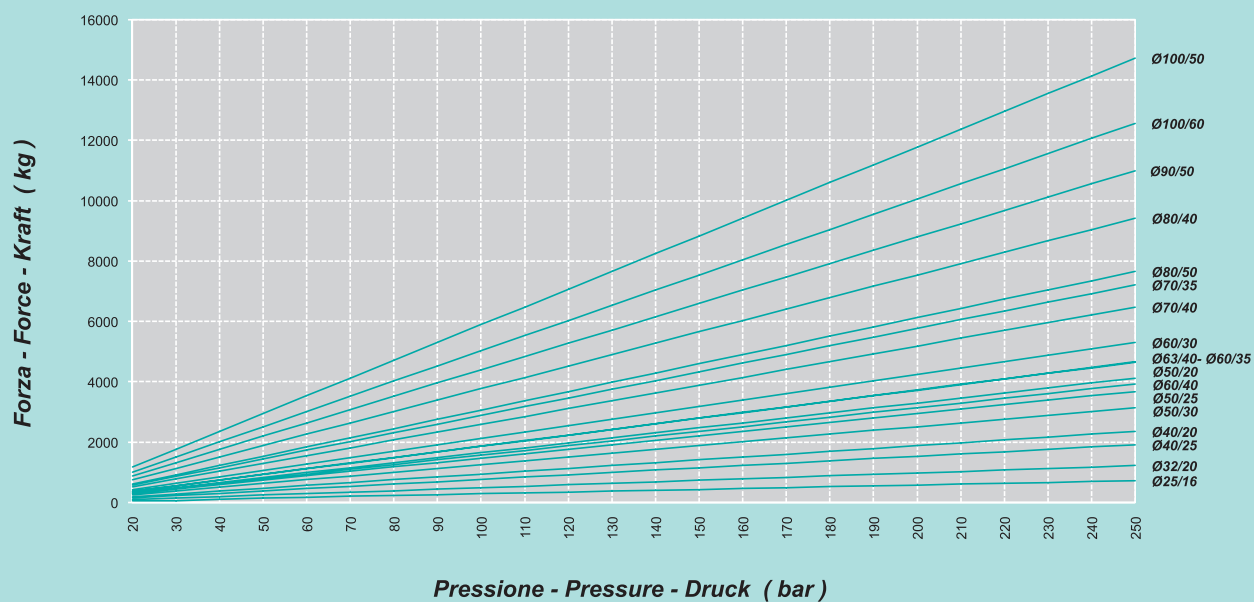
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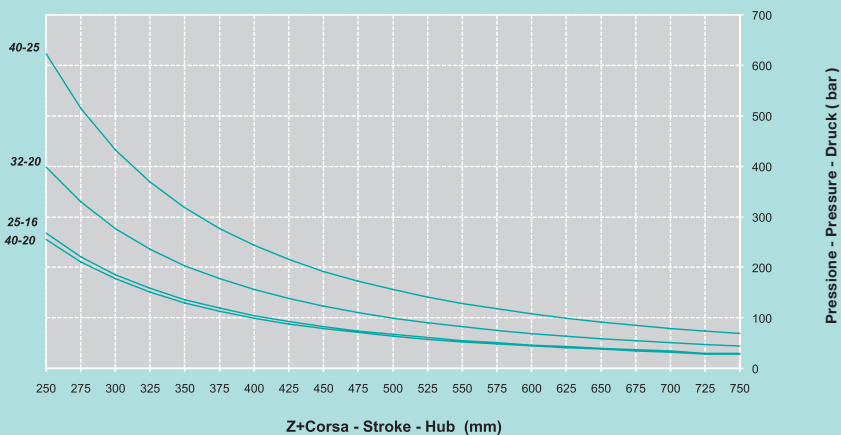
COMPONENTI PER L'IMPIANTO OLEODINAMICO – VEDERE CATALOGO «B».
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KOMPONENTEN FÜR HYDRAULIKANLAGEN – SIEHE KATALOG «B».

FORZA IN SPINTA - OUTPUT FORCE - DRUCKKRAFT



FORZA IN TIRO - INPUT FORCE - ZUGKRAFT

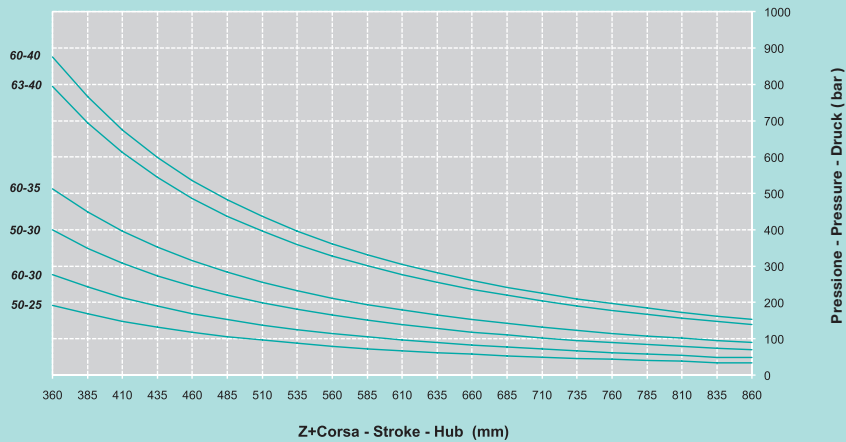




PRESSOFLESSIONE DEI CILINDRI
STANDARD TIPO HMO
(Alesaggio 25-32-40 mm)

COMBINED COMPRESSIVE AND
BENDING STRESS ON STANDARD
CYLINDERS HMO TYPE
(Bore 25-32-40 mm)

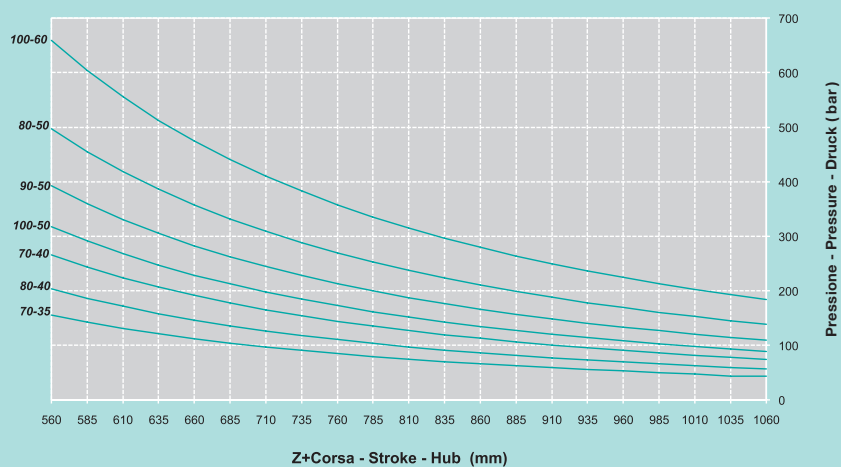
KNICKLAST DER
STANDARDZYLINDER TYP HMO
(Kolbendurchmesser 25-32-40 mm)



PRESSOFLESSIONE DEI CILINDRI
STANDARD TIPO HMO
(Alesaggio 50-60-63 mm)

COMBINED COMPRESSIVE AND
BENDING STRESS ON STANDARD
CYLINDERS HMO TYPE
(Bore 50-60-63 mm)

KNICKLAST DER
STANDARDZYLINDER TYP HMO
(Kolbendurchmesser 50-60-63 mm)

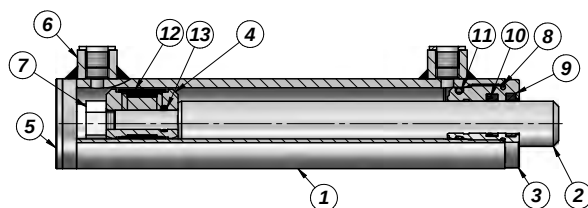


PRESSOFLESSIONE DEI CILINDRI
STANDARD TIPO HMO
(Alesaggio 70-80-90-100 mm)

COMBINED COMPRESSIVE AND
BENDING STRESS ON STANDARD
CYLINDERS HMO TYPE
(Bore 70-80-90-100 mm)

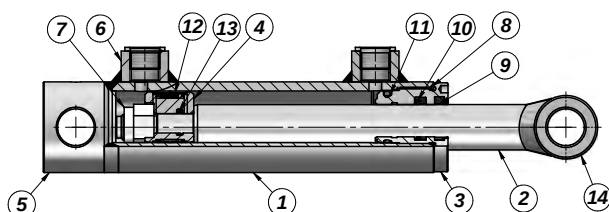
KNICKLAST DER
STANDARDZYLINDER TYP HMO
(Kolbendurchmesser 70-80-90-100 mm)

TYPE "HMO" - "HMOLM"



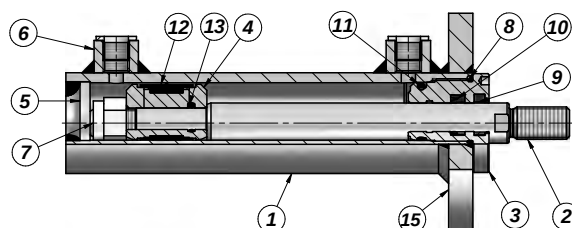
"HMO" Pressione Massima - Max. Pressure - Max. Druck: 210 Bar
"HMOLM" Pressione Massima - Max. Pressure - Max. Druck: 180 Bar

TYPE "HFR2S"



"HFR2S" Pressione Massima - Max. Pressure - Max. Druck: 210 Bar

TYPE "HMF"

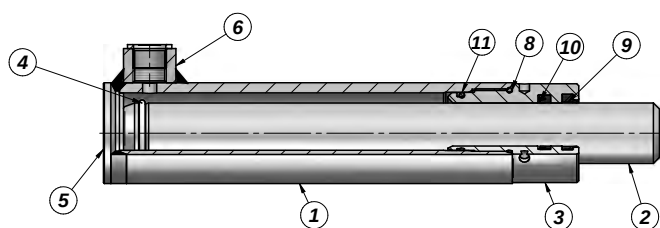


"HMF" Pressione Massima - Max. Pressure - Max. Druck: 210 Bar

1	TUBO LUCIDO POLISHED TUBE - POLIERTES ZYLINDERROHR	ACCIAIO - STEEL - STAHL: St 52.3 DIN 2393 ISO H9
2	STELO CROMATO CHROMED ROD - VERCHROMTE KOLBENSTANGE	ACCIAIO - STEEL - STAHL: UNI C45 - SAE 1045 CROMO - CHROME - CHROM: 25 Micron ± 5 Rating 9/120 h ISO 10289 - 1999/ISO 9227-NSS
3	TESTATA DI GUIDA HEAD-BUSH - KOLBENSTANGENFÜHRUNG	GHISA - HYDRAULIC CAST IRON - HYDRAULIKGUSS: UNI 5007-G25
4	PISTONE - PISTON - KOLBEN	ACCIAIO - STEEL - STAHL: 9SMn28
5	FONDELLO - END-PLUG - ZYLINDERBODEN	ACCIAIO - STEEL - STAHL: S355J0 (Fe510C) - S355JR (A105)
6	BORCHIA FILETTATA THREADED PORT - ANSCHLUSSGEWINDE	ACCIAIO - STEEL - STAHL: 9SMn28
7	DADO AUTOBLOCCANTE LOCKNUT - SELBSTSPERRENDE MUTTER	ACCIAIO - STEEL - STAHL: UNI 7473 - 7474
8	GUARNIZIONE - SEAL - DICHUNG O-RING	NBR 70 SHORE
9	GUARNIZIONE - SEAL - DICHUNG "GHK"	POLIURETANO - POLYURETHANE - POLYURETHAN
10	GUARNIZIONE - SEAL - DICHUNG "TSE-TTS-TTI/L"	"TSE": NBR+TESSUTO - NBR+FABRIC - NBR+GEWEBE "TTS-TTI/L": POLIURETANO - POLYURETHANE - POLYURETHAN
11	GUARNIZIONE - SEAL - DICHUNG O-RING	NBR 70 SHORE
12	GUARNIZIONE - SEAL - DICHUNG "TPM"	NBR+POM+POLIESTERE - NBR+POM+POLYESTER
13	GUARNIZIONE - SEAL - DICHUNG O-RING	NBR 70 SHORE
14	BOCCOLA - BUSH - BUCHSE	ACCIAIO - STEEL - STAHL: S355J0 (Fe510C)
15	FLANGIA - FLANGE - FLANSCH	ACCIAIO - STEEL - STAHL: S355J0 (Fe510C)

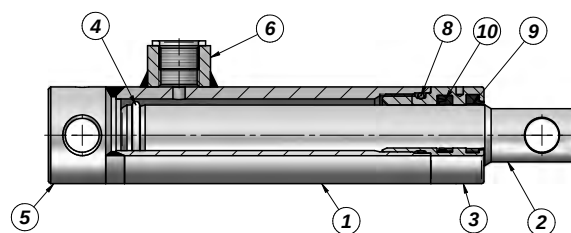
Velocità Limite - Top Speed - Höchstgeschwindigkeit: max 0,5 m/s
Temperatura C° - Temperature C° - Temperaturbereich C°: -25°C - +80°C

TYPE "HTO"



"HTO" Pressione Massima - Max. Pressure - Max. Druck: 210 Bar

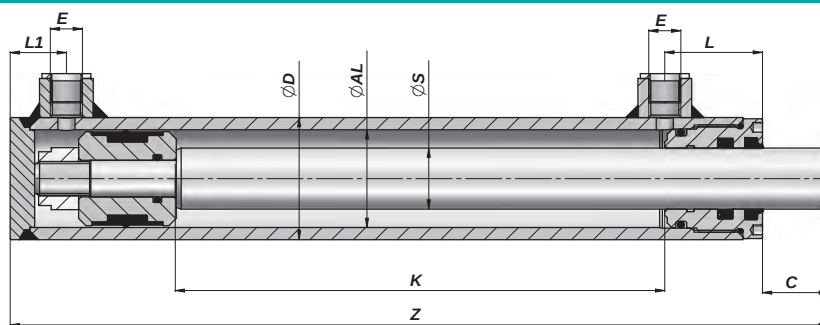
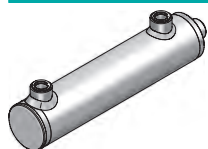
TYPE "HFRT"



"HFRT" Pressione Massima - Max. Pressure - Max. Druck: 210 Bar

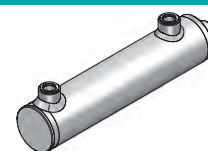
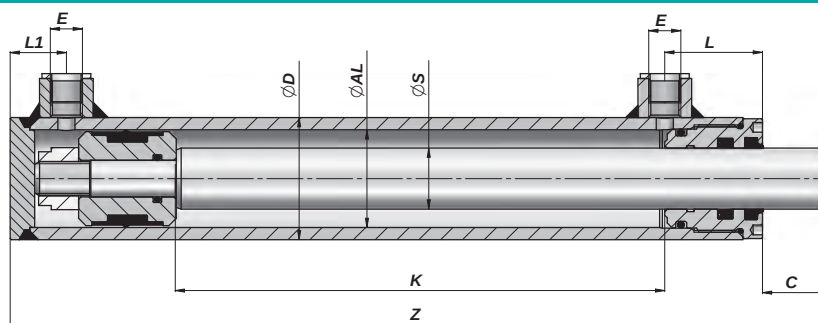
1	TUBO LUCIDO POLISHED TUBE - POLIERTES ZYLINDERROHR	ACCIAIO - STEEL - STAHL: St 52.3 DIN 2393 ISO H9
2	STELO CROMATO CHROMED ROD - VERCHROMTE KOLBENSTANGE	ACCIAIO - STEEL - STAHL: UNI C45 - SAE 1045 CROMO - CHROME - CHROM: 25 Micron $\pm$ 5 Rating 9/120 h ISO 10289 - 1999/ISO 9227-NSS
3	TESTATA DI GUIDA HEAD-BUSH - KOLBENSTANGENFÜHRUNG TIPO - TYPE - TYP: "HTO"	GHISA - HYDRAULIC CAST IRON - HYDRAULIKGUSS: UNI 5007-G25
3	TESTATA DI GUIDA HEAD-BUSH - KOLBENSTANGENFÜHRUNG TIPO - TYPE - TYP: "HFRT"	ACCIAIO 9SMn28 CON TRATTAMENTO "NI-TEMPER" STEEL 9SMn28 WITH "NI-TEMPER" TREATMENT STAHL 9SMn28 MIT "NI-TEMPER-BEHANDLUNG"
4	ANELLO DI ARRESTO - STOP RING - KLEMMRING	ACCIAIO - STEEL - STAHL
5	FONDELLO - END-PLUG - ZYLINDERBODEN	ACCIAIO - STEEL - STAHL: S355J0 (Fe510C) - S355JR (A105)
6	BORCHIA FILETTATA THREADED PORT - ANSCHLUSSGEWINDE	ACCIAIO - STEEL - STAHL: 9SMn28
8	GUARNIZIONE - SEAL - DICHUNG TIPO - TYPE - TYP: "HTO" O-RING	NBR 70 SHORE
8	GUARNIZIONE - SEAL - DICHUNG TIPO - TYPE - TYP: "HFRT" O-RING	NBR 90 SHORE
9	GUARNIZIONE - SEAL - DICHUNG "GHK"	POLIURETANO - POLYURETHANE - POLYURETHAN
10	GUARNIZIONE - SEAL - DICHUNG "TSE-TTS-TT/L"	"TSE": NBR+TESSUTO - NBR+FABRIC - NBR+GEWEBE "TTS-TT/L": POLIURETANO - POLYURETHANE - POLYURETHAN
11	GUARNIZIONE - SEAL - DICHUNG O-RING	NBR 70 SHORE

Velocità Limite - Top Speed - Höchstgeschwindigkeit: max 0,5 m/s
Temperatura C° - Temperature C° - Temperaturbereich C°: -25°C - +80°C



Codice Code Bestell-Nr.	K	Z	kg	E BSP	L	L1	C	Codice Code Bestell-Nr.	K	Z	kg
ØD 35 ØAL 25 ØS 16											
HM0025160050	50	135	0,70	1/4"	33	15	17				
HM0025160100	100	185	0,95								
HM0025160150	150	235	1,25								
HM0025160200	200	285	1,50								
ØD 42 ØAL 32 ØS 20											
HM0032200050	50	155	1,30	1/4"	33	20	16				
HM0032200100	100	205	1,60								
HM0032200150	150	255	1,95								
HM0032200200	200	305	2,30								
HM0032200250	250	355	2,70								
HM0032200300	300	405	3,00								
HM0032200400	400	505	3,70								
HM0032200500	500	605	4,40								
ØD 50 ØAL 40 ØS 20								ØD 50 ØAL 40 ØS 25			
HM01200100	100	230	2,27	1/4"	40	23	22	HM01250100	100	230	2,50
HM01200150	150	280	2,67					HM01250150	150	280	2,95
HM01200200	200	330	3,05					HM01250200	200	330	3,39
HM01200250	250	380	3,45					HM01250250	250	380	3,85
HM01200300	300	430	3,85					HM01250300	300	430	4,32
HM01200350	350	480	4,27					HM01250350	350	480	4,79
HM01200400	400	530	4,65					HM01250400	400	530	5,26
HM01200450	450	580	5,08					HM01250450	450	580	5,72
HM01200500	500	630	5,49					HM01250500	500	630	6,20
								HM01250550	550	680	6,60
								HM01250600	600	730	7,13
ØD 60 ØAL 50 ØS 25								ØD 60 ØAL 50 ØS 30			
HM02250100	100	240	3,29	3/8"	43	26	22	HM02300150	150	290	4,11
HM02250150	150	290	3,83					HM02300200	200	340	4,74
HM02250200	200	340	4,34					HM02300250	250	390	5,35
HM02250250	250	390	4,85					HM02300300	300	440	5,97
HM02250300	300	440	5,35					HM02300350	350	490	6,55
HM02250350	350	490	5,94					HM02300400	400	540	7,20
HM02250400	400	540	6,40					HM02300450	450	590	7,80
HM02250450	450	590	7,30					HM02300500	500	640	8,42
HM02250500	500	640	7,43					HM02300550	550	690	9,04
HM02250550	550	690	8,06					HM02300600	600	740	9,64
HM02250600	600	740	8,46					HM02300700	700	840	10,85
								HM02300800	800	940	12,10
HM02250800	800	940	10,71					HM02301000	1000	1140	14,57
HM02251000	1000	1140	12,87								
ØD 70 ØAL 60 ØS 30								ØD 70 ØAL 60 ØS 35			
HM03300100	100	260	4,82	3/8"	50	30	23	HM03350100	100	260	5,07
HM03300150	150	310	5,55					HM03350150	150	310	5,85
HM03300200	200	360	6,20					HM03350200	200	360	6,60
HM03300250	250	410	6,87					HM03350250	250	410	7,40
HM03300300	300	460	7,55					HM03350300	300	460	8,15
HM03300350	350	510	8,20					HM03350350	350	510	8,94
HM03300400	400	560	8,90					HM03350400	400	560	9,72
HM03300450	450	610	9,53					HM03350450	450	610	10,47
HM03300500	500	660	10,25					HM03350500	500	660	11,25
HM03300550	550	710	10,86					HM03350550	550	710	12,00
HM03300600	600	760	11,60					HM03350600	600	760	12,81
HM03300800	800	960	14,26					HM03350800	800	960	15,87
HM03301000	1000	1160	17,00					HM03351000	1000	1160	18,93

M250



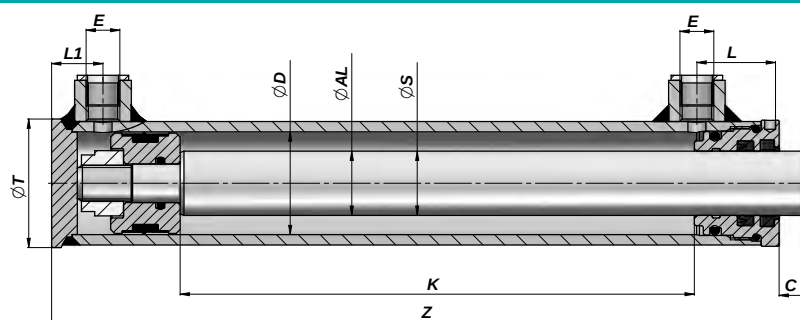
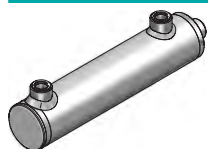
Codice Code Bestell-Nr.	K	Z	kg	E BSP	L	L1	C	Codice Code Bestell-Nr.	K	Z	kg
ØD 70 ØAL 60 ØS 40								ØD 73 ØAL 63 ØS 40			
HM03400200	200	360	7,25	3/8"	50	30	23	HM0063400200	200	360	7,60
HM03400250	250	410	8,14					HM0063400250	250	410	8,50
HM03400300	300	460	9,03					HM0063400300	300	460	9,40
HM03400350	350	510	9,90					HM0063400350	350	510	10,30
HM03400400	400	560	10,79					HM0063400400	400	560	11,20
HM03400450	450	610	11,64					HM0063400450	450	610	12,10
HM03400500	500	660	12,52					HM0063400500	500	660	13,00
HM03400550	550	710	13,45					HM0063400550	550	710	13,90
HM03400600	600	760	14,30					HM0063400600	600	760	14,80
HM03400800	800	960	17,82					HM0063400800	800	960	18,50
HM03401000	1000	1160	21,40					HM0063401000	1000	1160	22,10
ØD 80 ØAL 70 ØS 35								ØD 80 ØAL 70 ØS 40			
HM04350100	100	260	6,09	3/8"	50	33	23				
HM04350150	150	310	6,95								
HM04350200	200	360	7,74					HM04400200	200	360	8,28
HM04350250	250	410	8,60					HM04400250	250	410	9,26
HM04350300	300	460	9,40					HM04400300	300	460	10,24
HM04350350	350	510	10,26					HM04400350	350	510	11,20
HM04350400	400	560	11,00					HM04400400	400	560	12,80
HM04350450	450	610	11,88					HM04400450	450	610	13,11
HM04350500	500	660	12,60					HM04400500	500	660	14,01
HM04350550	550	710	13,66					HM04400550	550	710	15,10
HM04350600	600	760	14,20					HM04400600	600	760	15,99
HM04350800	800	960	17,56					HM04400800	800	960	19,73
HM04351000	1000	1160	21,26	HM04401000	1000	1160	23,51				
ØD 92 ØAL 80 ØS 40								ØD 92 ØAL 80 ØS 50			
HM05400200	200	380	11,08	1/2"	60	35	25	HM05500200	200	380	12,35
HM05400250	250	430	12,22					HM05500250	250	430	13,73
HM05400300	300	480	13,35					HM05500300	300	480	15,15
HM05400400	400	580	15,56					HM05500400	400	580	17,95
HM05400500	500	680	17,77					HM05500500	500	680	20,71
HM05400600	600	780	19,98					HM05500600	600	780	24,00
HM05400800	800	980	24,50					HM05500800	800	980	29,50
HM05401000	1000	1180	28,92					HM05501000	1000	1180	35,00
ØD 105 ØAL 90 ØS 50											
HM0090500300	300	486	19,30	1/2"	60	40	23				
HM0090500400	400	586	22,64								
HM0090500500	500	686	25,97								
HM0090500600	600	786	29,30								
HM0090500800	800	986	35,97								
HM0090501000	1000	1186	42,64								
ØD 115 ØAL 100 ØS 50								ØD 115 ØAL 100 ØS 60			
HM06500200	200	410	19,50	1/2"	82	38	25				
HM06500250	250	460	21,50								
HM06500300	300	510	23,00					HM06600300	300	510	25,50
HM06500400	400	610	26,50					HM06600400	400	610	29,50
HM06500500	500	710	30,00					HM06600500	500	710	33,50
HM06500600	600	810	33,50					HM06600600	600	810	37,50
HM06500800	800	1010	40,50					HM06600800	800	1010	46,00
HM06501000	1000	1210	47,50					HM06601000	1000	1210	54,50

MATERIALE - MATERIAL:

TUBO - TUBE - ROHR: ACCIAIO - STEEL - STAHL St 52.3 DIN 2393 ISO H9

STELLO - ROD - KOLBENSTANGE:

ACCIAIO - STEEL - STAHL UNI C45 SAE 1045 - CROMO - CHROME - CHROM: 25 MICRON ±5 Rating 9/120 h ISO 10289 - 1999/ISO 9227-NSS



Codice Code Bestell-Nr.	K	Z	kg	E BSP	L	L1	C	ØT	Codice Code Bestell-Nr.	K	Z	kg
ØD 48 ØAL 40 ØS 20									ØD 48 ØAL 40 ØS 25			
HMOLM0400200100	100	195	1,73	1/4"	32	20	12	50	HMOLM0400250100	100	195	1,88
HMOLM0400200150	150	245	2,07						HMOLM0400250150	150	245	2,30
HMOLM0400200200	200	295	2,41						HMOLM0400250200	200	295	2,72
HMOLM0400200250	250	345	2,75						HMOLM0400250250	250	345	3,14
HMOLM0400200300	300	395	3,09						HMOLM0400250300	300	395	3,56
HMOLM0400200350	350	445	3,43						HMOLM0400250350	350	445	3,98
HMOLM0400200400	400	495	3,77						HMOLM0400250400	400	495	4,40
HMOLM0400200450	450	545	4,11						HMOLM0400250450	450	545	4,82
HMOLM0400200500	500	595	4,45						HMOLM0400250500	500	595	5,24
ØD 58 ØAL 50 ØS 25												
HMOLM0500250100	100	205	2,58	3/8"	36	22	13	60	HMOLM0500300100	100	205	2,76
HMOLM0500250150	150	255	3,04						HMOLM0500300150	150	255	3,31
HMOLM0500250200	200	305	3,50						HMOLM0500300200	200	305	3,86
HMOLM0500250250	250	355	3,96						HMOLM0500300250	250	355	4,41
HMOLM0500250300	300	405	4,42						HMOLM0500300300	300	405	4,96
HMOLM0500250350	350	455	4,88						HMOLM0500300350	350	455	5,51
HMOLM0500250400	400	505	5,34						HMOLM0500300400	400	505	6,06
HMOLM0500250450	450	555	5,80						HMOLM0500300450	450	555	6,61
HMOLM0500250500	500	605	6,26						HMOLM0500300500	500	605	7,16
ØD 68 ØAL 60 ØS 30												
HMOLM0600300100	100	220	3,76	3/8"	39	25	13	70	HMOLM0600350100	100	220	3,97
HMOLM0600300150	150	270	4,35						HMOLM0600350150	150	270	4,66
HMOLM0600300200	200	320	4,94						HMOLM0600350200	200	320	5,35
HMOLM0600300250	250	370	5,53						HMOLM0600350250	250	370	6,04
HMOLM0600300300	300	420	6,12						HMOLM0600350300	300	420	6,73
HMOLM0600300350	350	470	6,71						HMOLM0600350350	350	470	7,42
HMOLM0600300400	400	520	7,30						HMOLM0600350400	400	520	8,11
HMOLM0600300450	450	570	7,89						HMOLM0600350450	450	570	8,80
HMOLM0600300500	500	620	8,48						HMOLM0600350500	500	620	9,49
ØD 78 ØAL 70 ØS 35												
HMOLM0700350100	100	220	4,81	3/8"	39	25	13	80				
HMOLM0700350150	150	270	5,55									
HMOLM0700350200	200	320	6,29						HMOLM0700400200	200	320	6,82
HMOLM0700350250	250	370	7,03						HMOLM0700400250	250	370	7,68
HMOLM0700350300	300	420	7,77						HMOLM0700400300	300	420	8,54
HMOLM0700350350	350	470	8,51						HMOLM0700400350	350	470	9,40
HMOLM0700350400	400	520	9,25						HMOLM0700400400	400	520	10,26
HMOLM0700350500	500	620	10,74						HMOLM0700400500	500	620	11,98

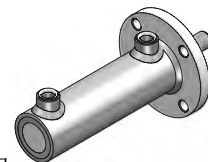
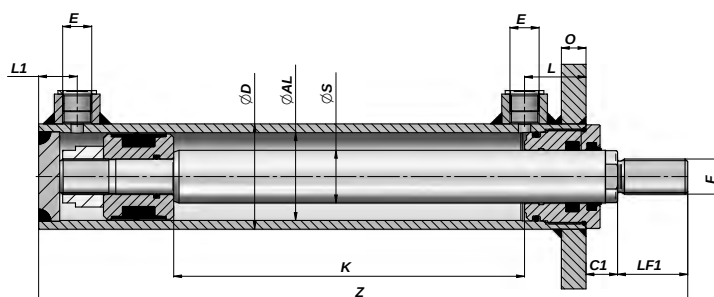
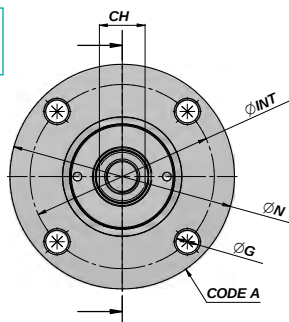
MATERIALE - MATERIAL:

TUBO - TUBE - ROHR: ACCIAIO - STEEL - STAHL St 52.3 DIN 2393 ISO H9

STELO - ROD - KOLBENSTANGE:

ACCIAIO - STEEL - STAHL UNI C45 SAE 1045 - CROMO - CHROME - CHROM: 25 MICRON ±5 Rating 9/120 h ISO 10289 - 1999/ISO 9227-NSS

M250



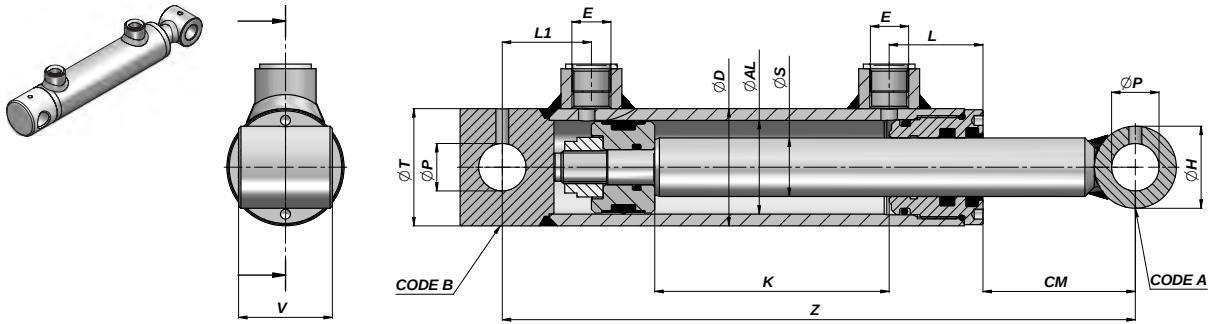
Codice Code Bestell-Nr.	K	Z	kg	E BSP	L	L1	F	LF1	CH	C1	ØN	ØINT	ØG	O	Code A
ØD 50 ØAL 40 ØS 20															
HMF1200100	100	250	3,00	1/4"	32	25	M16x1,5	30	18	18	109	87	ø 11 x 4	12	CFL0050109
HMF1200200	200	350	3,80												
HMF1200300	300	450	4,60												
HMF1200400	400	550	5,40												
HMF1200500	500	650	6,20												
ØD 60 ØAL 50 ØS 30															
HMF2300100	100	270	4,60	3/8"	35	25	M20x1,5	40	26	18	128	105	ø 13 x 4	14	CFL0060128
HMF2300200	200	370	5,80												
HMF2300300	300	470	7,00												
HMF2300400	400	570	8,20												
HMF2300500	500	670	9,40												
ØD 70 ØAL 60 ØS 35															
HMF3350100	100	300	6,90	3/8"	40	30	M27x2	50	32	20	142	117	ø 13 x 4	16	CFL0070142
HMF3350200	200	400	8,40												
HMF3350300	300	500	9,90												
HMF3350400	400	600	11,40												
HMF3350500	500	700	12,90												
ØD 80 ØAL 70 ØS 40															
HMF4400100	100	312	8,63	3/8"	40	30	M30x2	60	36	22	162	127	ø 15 x 4	16	CFL0080162
HMF4400200	200	412	10,53												
HMF4400300	300	512	12,76												
HMF4400400	400	612	15,00												
HMF4400500	500	712	17,20												
ØD 95 ØAL 80 ØS 50															
HMF5500100	100	345	13,70	1/2"	50	40	M36x2	70	45	25	181	149	ø 17 x 6	18	CFL0095181
HMF5500200	200	445	16,80												
HMF5500300	300	545	19,90												
HMF5500400	400	645	23,00												
HMF5500500	500	745	26,10												
ØD 115 ØAL 100 ØS 50															
HMF6500100	100	375	20,20	1/2"	70	40	M36x2	70	45	27	194	162	ø 17 x 6	24	CFL0115194
HMF6500200	200	475	25,80												
HMF6500300	300	575	27,20												
HMF6500400	400	675	30,80												
HMF6500500	500	775	34,40												

MATERIALE - MATERIAL:

TUBO - TUBE - ROHR: ACCIAIO - STEEL - STAHL St 52.3 DIN 2393 ISO H9

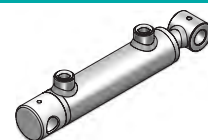
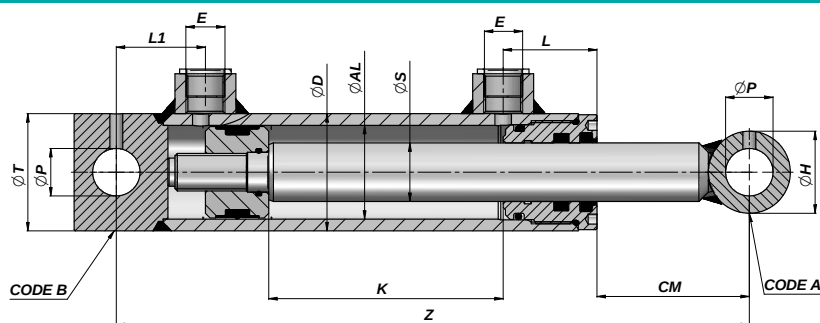
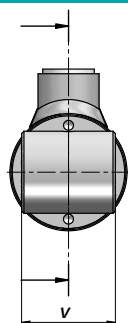
STELO - ROD - KOLBENSTANGE:

ACCIAIO - STEEL - STAHL UNI C45 SAE 1045 - CROMO - CHROME - CHROM: 25 MICRON ±5 Rating 9/120 h ISO 10289 - 1999/ISO 9227-NSS



Codice Code Bestell-Nr.	K	Z	kg	E BSP	L	L1	CM	ØP	ØH	V	ØT	Code A	Code B	Codice Code Bestell-Nr.	K	Z	kg
ØD 35 ØAL 25 ØS 16																	
HFR0160050	50	160	1,00	1/4"	33	22	31	12,1	25	25	35	CBF0012025025	CFHR035025				
HFR0160100	100	210	1,20														
HFR0160150	150	260	1,40														
HFR0160200	200	310	1,70														
ØD 42 ØAL 32 ØS 20																	
HFR0200050	50	205	1,70	1/4"	33	35	51	16,2	30	35	40	CBF0016030035	CFHR040032				
HFR0200100	100	255	2,10														
HFR0200150	150	305	2,40														
HFR0200200	200	355	2,80														
HFR0200250	250	405	3,10														
HFR0200300	300	455	3,50														
HFR0200400	400	555	4,20														
HFR0200500	500	655	4,80														
ØD 50 ØAL 40 ØS 25																	
HFR2S0400250100	100	270	3,00	3/8"	40	38	65	20,25	35	40	50	CBF1020035040	CFHR040020040				
HFR2S0400250150	150	320	3,40														
HFR2S0400250200	200	370	3,90														
HFR2S0400250250	250	420	4,40														
HFR2S0400250300	300	470	4,80														
HFR2S0400250400	400	570	5,80														
HFR2S0400250500	500	670	6,70														
HFR2S0400250600	600	770	7,60														
HFR2S0400250700	700	870	8,60														
HFR2S0400250800	800	970	9,50														
ØD 60 ØAL 50 ØS 30																	
HFR2S0500300100	100	300	4,40	3/8"	43	42	85	25,25	40	45	60	CBF1025040045	CFHR050025049				
HFR2S0500300150	150	350	5,00														
HFR2S0500300200	200	400	5,60														
HFR2S0500300250	250	450	6,20														
HFR2S0500300300	300	500	6,90														
HFR2S0500300400	400	600	8,10														
HFR2S0500300500	500	700	9,30														
HFR2S0500300600	600	800	10,50														
HFR2S0500300700	700	900	11,80														
HFR2S0500300800	800	1000	13,00														
HFR2S0500300900	900	1100	14,20														
HFR2S0500301000	1000	1200	15,50														

M250



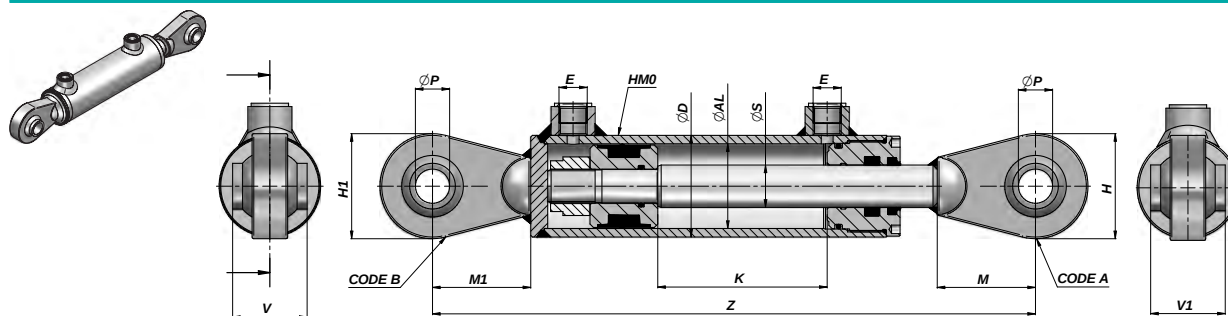
Codice Code Bestell-Nr.	K	Z	kg	E BSP	L	L1	CM	ØP	ØH	V	ØT	Code A	Code B	Codice Code Bestell-Nr.	K	Z	kg
ØD 70 ØAL 60 ØS 30														ØD 70 ØAL 60 ØS 35			
HFR2S0600300100	100	300	5,60														
HFR2S0600300150	150	350	6,30														
HFR2S0600300200	200	400	7,00														
HFR2S0600300250	250	450	7,70														
HFR2S0600300300	300	500	8,30														
HFR2S0600300350	350	550	9,00														
HFR2S0600300400	400	600	9,70														
HFR2S0600300450	450	650	10,40														
HFR2S0600300500	500	700	11,00														
HFR2S0600300600	600	800	12,40														
HFR2S0600300700	700	900	13,70														
ØD 80 ØAL 70 ØS 40																	
HFR2S0700400200	200	410	10,10														
HFR2S0700400250	250	460	11,00														
HFR2S0700400300	300	510	12,00														
HFR2S0700400350	350	560	13,00														
HFR2S0700400400	400	610	13,90														
HFR2S0700400450	450	660	14,90														
HFR2S0700400500	500	710	15,80														
HFR2S0700400600	600	810	17,70														
HFR2S0700400700	700	910	19,60														
HFR2S0700400800	800	1010	21,50														
HFR2S0700400900	900	1110	23,40														
ØD 92 ØAL 80 ØS 40																	
HFR2S0800400200	200	410	13,00														
HFR2S0800400250	250	460	14,20														
HFR2S0800400300	300	510	15,30														
HFR2S0800400350	350	560	16,40														
HFR2S0800400400	400	610	17,50														
HFR2S0800400500	500	710	19,80														
HFR2S0800400600	600	810	22,00														
HFR2S0800400700	700	910	24,30														
HFR2S0800400800	800	1010	26,50														
HFR2S0800400900	900	1110	28,80														
HFR2S0800401000	1000	1210	31,00														
ØD 115 ØAL 100 ØS 50																	
HFR2S1000500200	200	425	21,50														
HFR2S1000500300	300	525	25,00														
HFR2S1000500400	400	625	28,50														
HFR2S1000500500	500	725	32,00														
HFR2S1000500700	700	925	39,10														
HFR2S1000500900	900	1125	46,10														
HFR2S1000501000	1000	1225	49,60														

MATERIALE - MATERIAL:

TUBO - TUBE - ROHR: ACCIAIO - STEEL - STAHL St 52.3 DIN 2393 ISO H9

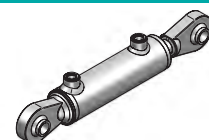
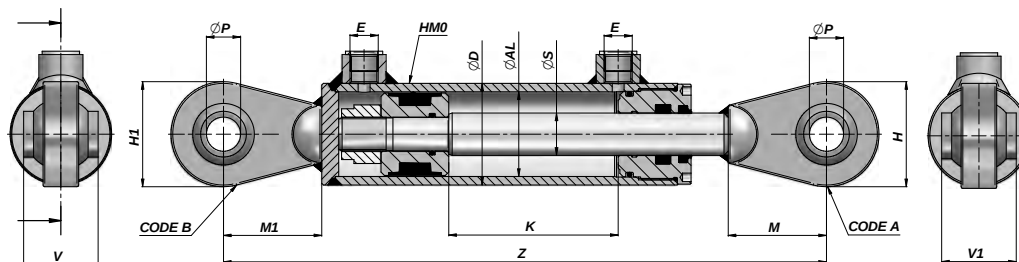
STELO - ROD - KOLBENSTANGE:

ACCIAIO - STEEL - STAHL UNI C45 SAE 1045 - CROMO - CHROME - CHROM: 25 MICRON ±5 Rating 9/120 h ISO 10289 - 1999/ISO 9227-NSS



Codice Code Bestell-Nr.	K	Z	kg	E BSP	ØP	H	V	M	H1	V1	M1	Code A	Code B	Codice Code Bestell-Nr.	K	Z	kg
ØD 42 ØAL 32 ØS 20																	
HM1032200050	50	275	1,88														
HM1032200100	100	325	2,18														
HM1032200150	150	375	2,53														
HM1032200200	200	425	2,88														
HM1032200250	250	475	3,28														
HM1032200300	300	525	3,58														
HM1032200400	400	625	4,28														
HM1032200500	500	725	4,98														
ØD 50 ØAL 40 ØS 20														ØD 50 ØAL 40 ØS 25			
HM11200100	100	350	2,85											HM11250100	100	350	3,08
HM11200150	150	400	3,25											HM11250150	150	400	3,53
HM11200200	200	450	3,63											HM11250200	200	450	3,97
HM11200250	250	500	4,03											HM11250250	250	500	4,43
HM11200300	300	550	4,43											HM11250300	300	550	4,90
HM11200350	350	600	4,85											HM11250350	350	600	5,37
HM11200400	400	650	5,23											HM11250400	400	650	5,84
HM11200450	450	700	5,66											HM11250450	450	700	6,30
HM11200500	500	750	6,07											HM11250500	500	750	6,78
														HM11250550	550	800	7,18
														HM11250600	600	850	7,71
ØD 60 ØAL 50 ØS 25														ØD 60 ØAL 50 ØS 30			
HM12250100	100	356	4,56											HM12300150	150	406	5,38
HM12250150	150	406	5,10											HM12300200	200	456	6,01
HM12250200	200	456	5,61											HM12300250	250	506	6,62
HM12250250	250	506	6,12											HM12300300	300	556	7,24
HM12250300	300	556	6,62											HM12300350	350	606	7,82
HM12250350	350	606	7,21											HM12300400	400	656	8,47
HM12250400	400	656	7,67											HM12300450	450	706	9,07
HM12250450	450	706	8,57											HM12300500	500	756	9,69
HM12250500	500	756	8,70											HM12300550	550	806	10,31
HM12250550	550	806	9,33											HM12300600	600	856	10,91
HM12250600	600	856	9,73											HM12300700	700	956	12,12
														HM12300800	800	1056	13,37
HM12250800	800	1056	11,98											HM12301000	1000	1256	15,84
HM12251000	1000	1256	14,14														
ØD 70 ØAL 60 ØS 30														ØD 70 ØAL 60 ØS 35			
HM13300100	100	390	6,75											HM13350100	100	390	7,00
HM13300150	150	440	7,48											HM13350150	150	440	7,78
HM13300200	200	490	8,13											HM13350200	200	490	8,53
HM13300250	250	540	8,80											HM13350250	250	540	9,33
HM13300300	300	590	9,48											HM13350300	300	590	10,08
HM13300350	350	640	10,13											HM13350350	350	640	10,87
HM13300400	400	690	10,83											HM13350400	400	690	11,65
HM13300450	450	740	11,46											HM13350450	450	740	12,40
HM13300500	500	790	12,18											HM13350500	500	790	13,18
HM13300550	550	840	12,79											HM13350550	550	840	13,93
HM13300600	600	890	13,53											HM13350600	600	890	14,74
HM13300800	800	1090	16,19											HM13350800	800	1090	17,80
HM13301000	1000	1290	18,93											HM13351000	1000	1290	20,86

M250



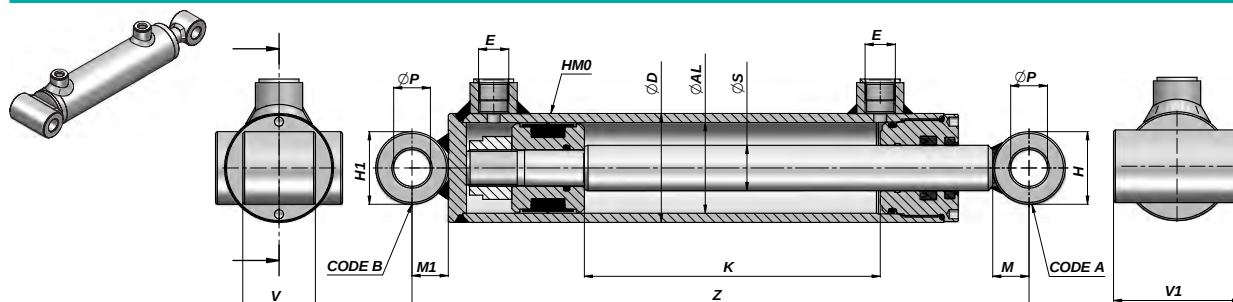
Codice Code Bestell-Nr.	K	Z	kg	E BSP	ØP	H	V	M	H1	V1	M1	Code A	Code B	Codice Code Bestell-Nr.	K	Z	kg
ØD 70 ØAL 60 ØS 40														ØD 73 ØAL 63 ØS 40			
HM13400200	200	490	9,18	3/8"	25,4	75	51	65	75	51	65	CSR0010740	CSR0010740	HM1063400200	200	490	9,54
HM13400250	250	540	10,07											HM1063400250	250	540	10,44
HM13400300	300	590	10,96											HM1063400300	300	590	11,34
HM13400350	350	640	11,83											HM1063400350	350	640	12,24
HM13400400	400	690	12,72											HM1063400400	400	690	13,14
HM13400450	450	740	13,57											HM1063400450	450	740	14,04
HM13400500	500	790	14,45											HM1063400500	500	790	14,94
HM13400550	550	840	15,38											HM1063400550	550	840	15,84
HM13400600	600	890	16,23											HM1063400600	600	890	16,74
HM13400800	800	1090	19,75											HM1063400800	800	1090	20,44
HM13401000	1000	1290	23,33											HM1063401000	1000	1290	24,04
ØD 80 ØAL 70 ØS 35														ØD 80 ØAL 70 ØS 40			
HM14350100	100	390	8,03	3/8"	25,4	75	51	65	75	51	65	CSR0010740	CSR0010740				
HM14350150	150	440	8,89														
HM14350200	200	490	9,68											HM14400200	200	490	10,22
HM14350250	250	540	10,54											HM14400250	250	540	11,20
HM14350300	300	590	11,34											HM14400300	300	590	12,18
HM14350350	350	640	12,20											HM14400350	350	640	13,14
HM14350400	400	690	12,94											HM14400400	400	690	14,74
HM14350450	450	740	13,82											HM14400450	450	740	15,05
HM14350500	500	790	14,54											HM14400500	500	790	15,95
HM14350550	550	840	15,60											HM14400550	550	840	17,04
HM14350600	600	890	16,14											HM14400600	600	890	17,93
HM14350800	800	1090	19,50											HM14400800	800	1090	21,67
HM14351000	1000	1290	23,20											HM14401000	1000	1290	25,45
ØD 92 ØAL 80 ØS 40														ØD 92 ØAL 80 ØS 50			
HM15400200	200	510	13,87	1/2"	30,2	83	55	65	83	55	65	CSR0010810	CSR0010810	HM15500200	200	510	15,14
HM15400250	250	560	15,01											HM15500250	250	560	16,52
HM15400300	300	610	16,14											HM15500300	300	610	17,94
HM15400400	400	710	18,35											HM15500400	400	710	20,74
HM15400500	500	810	20,56											HM15500500	500	810	23,50
HM15400600	600	910	22,77											HM15500600	600	910	26,79
HM15400800	800	1110	27,29											HM15500800	800	1110	32,29
HM15401000	1000	1310	31,71											HM15501000	1000	1310	37,79
ØD 105 ØAL 90 ØS 50																	
HM1090500300	300	656	26,22	1/2"	40,2	108	75	85	108	75	85	CSR0010820	CSR0010820				
HM1090500400	400	756	29,56														
HM1090500500	500	856	32,89														
HM1090500600	600	956	36,22														
HM1090500800	800	1156	42,89														
HM1090501000	1000	1356	49,56														
ØD 115 ØAL 100 ØS 50														ØD 115 ØAL 100 ØS 60			
HM16500200	200	580	26,43	1/2"	40,2	108	75	85	108	75	85	CSR0010820	CSR0010820				
HM16500250	250	630	28,43														
HM16500300	300	680	29,93											HM16600300	300	680	32,43
HM16500400	400	780	33,43											HM16600400	400	780	36,43
HM16500500	500	880	36,93											HM16600500	500	880	40,43
HM16500600	600	980	40,43											HM16600600	600	980	44,43
HM16500800	800	1180	47,43											HM16600800	800	1180	52,93
HM16501000	1000	1380	54,43											HM16601000	1000	1380	61,43

MATERIALE - MATERIAL:

TUBO - TUBE - ROHR: ACCIAIO - STEEL - STAHL St 52.3 DIN 2393 ISO H9

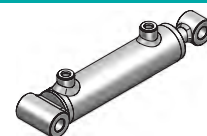
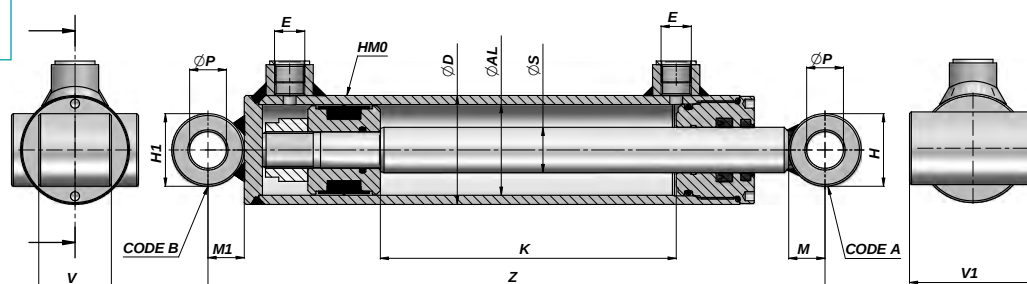
STELO - ROD - KOLBENSTANGE:

ACCIAIO - STEEL - STAHL UNI C45 SAE 1045 - CROMO - CHROME - CHROM: 25 MICRON ±5 Rating 9/120 h ISO 10289 - 1999/ISO 9227-NSS



Codice Code Bestell-Nr.	K	Z	kg	E BSP	ØP	H	V	M	H1	V1	M1	Code A	Code B	Codice Code Bestell-Nr.	K	Z	kg
ØD 42 ØAL 32 ØS 20																	
HM2032200050	50	190	1,88	1/4"	16,25	35	30	17,5	35	60	17,5	CB16035030	CB16035060				
HM2032200100	100	240	2,18														
HM2032200150	150	290	2,53														
HM2032200200	200	340	2,88														
HM2032200250	250	390	3,28														
HM2032200300	300	440	3,58														
HM2032200400	400	540	4,28														
HM2032200500	500	640	4,98														
ØD 50 ØAL 40 ØS 20														ØD 50 ØAL 40 ØS 25			
HM21200100	100	265	2,85	1/4"	16,25	35	30	17,5	35	60	17,5	CB16035030	CB16035060	HM21250100	100	265	3,08
HM21200150	150	315	3,25											HM21250150	150	315	3,53
HM21200200	200	365	3,63											HM21250200	200	365	3,97
HM21200250	250	415	4,03											HM21250250	250	415	4,43
HM21200300	300	465	4,43											HM21250300	300	465	4,90
HM21200350	350	515	4,85											HM21250350	350	515	5,37
HM21200400	400	565	5,23											HM21250400	400	565	5,84
HM21200450	450	615	5,66											HM21250450	450	615	6,30
HM21200500	500	665	6,07											HM21250500	500	665	6,78
														HM21250550	550	715	7,18
				HM21250600	600	765	7,71										
ØD 60 ØAL 50 ØS 25														ØD 60 ØAL 50 ØS 30			
HM22250100	100	280	4,13	3/8"	20,25	40	40	20	40	70	20	CB20040040	CB20040070	HM22300150	150	330	4,95
HM22250150	150	330	4,67											HM22300200	200	380	5,58
HM22250200	200	380	5,18											HM22300250	250	430	6,19
HM22250250	250	430	5,69											HM22300300	300	480	6,81
HM22250300	300	480	6,19											HM22300350	350	530	7,39
HM22250350	350	530	6,78											HM22300400	400	580	8,04
HM22250400	400	580	7,24											HM22300450	450	630	8,64
HM22250450	450	630	8,14											HM22300500	500	680	9,26
HM22250500	500	680	8,27											HM22300550	550	730	9,88
HM22250550	550	730	8,90											HM22300600	600	780	10,48
HM22250600	600	780	9,30											HM22300700	700	880	11,69
														HM22300800	800	980	12,94
HM22250800	800	980	11,55	HM22301000	1000	1180	15,41										
HM22251000	1000	1180	13,71														
ØD 70 ØAL 60 ØS 30														ØD 70 ØAL 60 ØS 35			
HM23300100	100	310	6,32	3/8"	25,25	50	50	25	50	80	25	CB25050050	CB25050080	HM23350100	100	310	6,57
HM23300150	150	360	7,05											HM23350150	150	360	7,35
HM23300200	200	410	7,70											HM23350200	200	410	8,10
HM23300250	250	460	8,37											HM23350250	250	460	8,90
HM23300300	300	510	9,05											HM23350300	300	510	9,65
HM23300350	350	560	9,70											HM23350350	350	560	10,44
HM23300400	400	610	10,40											HM23350400	400	610	11,22
HM23300450	450	660	11,03											HM23350450	450	660	11,97
HM23300500	500	710	11,75											HM23350500	500	710	12,75
HM23300550	550	760	12,36											HM23350550	550	760	13,50
HM23300600	600	810	13,10											HM23350600	600	810	14,31
HM23300800	800	1010	15,76											HM23350800	800	1010	17,37
HM23301000	1000	1210	18,50											HM23351000	1000	1210	20,43

M250



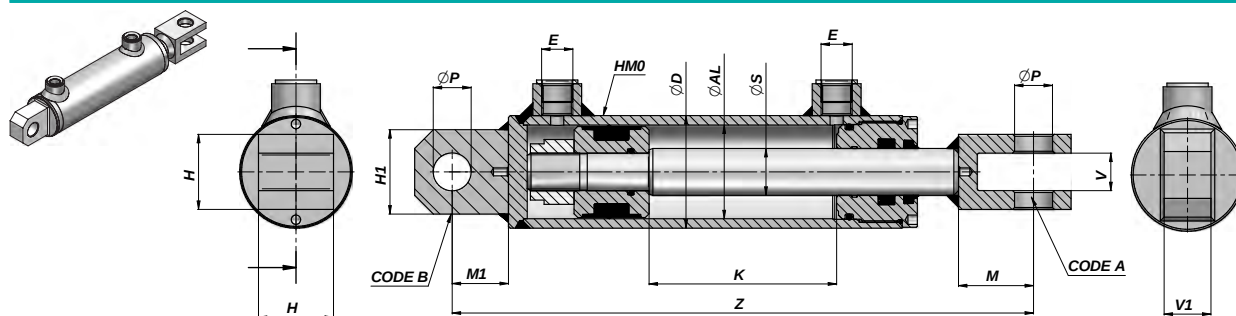
Codice Code Bestell-Nr.	K	Z	kg	E BSP	ØP	H	V	M	H1	V1	M1	Code A	Code B	Codice Code Bestell-Nr.	K	Z	kg
ØD 70 ØAL 60 ØS 40														ØD 73 ØAL 63 ØS 40			
HM23400200	200	410	8,75	3/8"	25,25	50	50	25	50	80	25	CB25050050	CB25050080	HM2063400200	200	410	9,11
HM23400250	250	460	9,64											HM2063400250	250	460	10,01
HM23400300	300	510	10,53											HM2063400300	300	510	10,91
HM23400350	350	560	11,40											HM2063400350	350	560	11,81
HM23400400	400	610	12,29											HM2063400400	400	610	12,71
HM23400450	450	660	13,14											HM2063400450	450	660	13,61
HM23400500	500	710	14,02											HM2063400500	500	710	14,51
HM23400550	550	760	14,95											HM2063400550	550	760	15,41
HM23400600	600	810	15,80											HM2063400600	600	810	16,31
HM23400800	800	1010	19,32											HM2063400800	800	1010	20,01
HM23401000	1000	1210	22,90											HM2063401000	1000	1210	23,61
ØD 80 ØAL 70 ØS 35														ØD 80 ØAL 70 ØS 40			
HM24350100	100	310	7,60	3/8"	25,25	50	50	25	50	90	25	CB25050050	CB25050090				
HM24350150	150	360	8,46														
HM24350200	200	410	9,25											HM24400200	200	410	9,79
HM24350250	250	460	10,11											HM24400250	250	460	10,77
HM24350300	300	510	10,91											HM24400300	300	510	11,75
HM24350350	350	560	11,77											HM24400350	350	560	12,71
HM24350400	400	610	12,51											HM24400400	400	610	14,31
HM24350450	450	660	13,39											HM24400450	450	660	14,62
HM24350500	500	710	14,11											HM24400500	500	710	15,52
HM24350550	550	760	15,17											HM24400550	550	760	16,61
HM24350600	600	810	15,71											HM24400600	600	810	17,50
HM24350800	800	1010	19,07											HM24400800	800	1010	21,24
HM24351000	1000	1210	22,77											HM24401000	1000	1210	25,02
ØD 92 ØAL 80 ØS 40														ØD 92 ØAL 80 ØS 50			
HM25400200	200	440	13,91	1/2"	30,25	60	60	30	60	110	30	CB30060060	CB30060110	HM25500200	200	440	15,18
HM25400250	250	490	15,05											HM25500250	250	490	16,56
HM25400300	300	540	16,18											HM25500300	300	540	17,98
HM25400400	400	640	18,39											HM25500400	400	640	20,78
HM25400500	500	740	20,60											HM25500500	500	740	23,54
HM25400600	600	840	22,81											HM25500600	600	840	26,83
HM25400800	800	1040	27,33											HM25500800	800	1040	32,33
HM25401000	1000	1240	31,75											HM25501000	1000	1240	37,83
ØD 105 ØAL 90 ØS 50																	
HM2090500300	300	556	23,63	1/2"	40,25	70	70	35	70	130	35	CB40070070	CB40070130				
HM2090500400	400	656	26,97														
HM2090500500	500	756	30,30														
HM2090500600	600	856	33,63														
HM2090500800	800	1056	40,30														
HM2090501000	1000	1256	46,97														
ØD 115 ØAL 100 ØS 50														ØD 115 ØAL 100 ØS 60			
HM26500200	200	480	23,84	1/2"	40,25	70	70	35	70	130	35	CB40070070	CB40070130				
HM26500250	250	530	25,84														
HM26500300	300	580	27,34											HM26600300	300	580	29,84
HM26500400	400	680	30,84											HM26600400	400	680	33,84
HM26500500	500	780	34,34											HM26600500	500	780	37,84
HM26500600	600	880	37,84											HM26600600	600	880	41,84
HM26500800	800	1080	44,84											HM26600800	800	1080	50,34
HM26501000	1000	1280	51,84											HM26601000	1000	1280	58,84

MATERIALE - MATERIAL:

TUBO - TUBE - ROHR: ACCIAIO - STEEL - STAHL St 52.3 DIN 2393 ISO H9

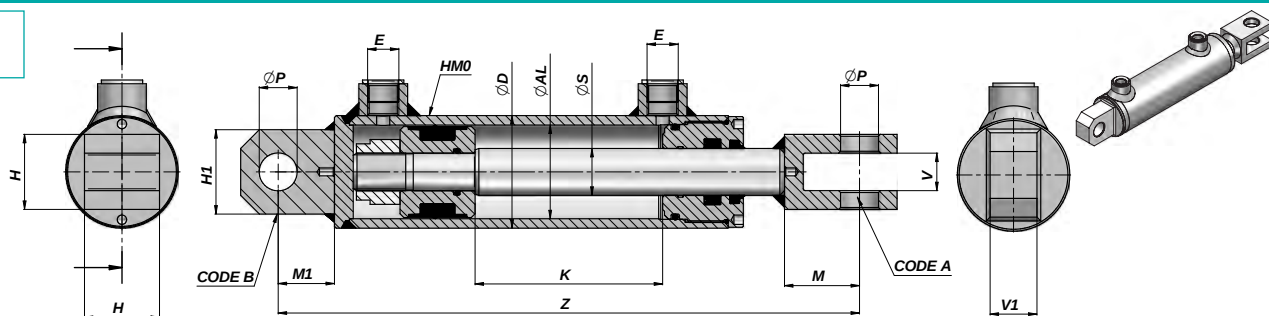
STELLO - ROD - KOLBENSTANGE:

ACCIAIO - STEEL - STAHL UNI C45 SAE 1045 - CROMO - CHROME - CHROM: 25 MICRON ±5 Rating 9/120 h ISO 10289 - 1999/ISO 9227-NSS



Codice Code Bestell-Nr.	K	Z	kg	E BSP	ØP	H	V	M	H1	V1	M1	Code A	Code B	Codice Code Bestell-Nr.	K	Z	kg
ØD 42 ØAL 32 ØS 20																	
HM5032200050	50	214	1,79	1/4"	16,20	35	16	34	35	20	25	CFS0000016	COF1600000				
HM5032200100	100	264	2,09														
HM5032200150	150	314	2,44														
HM5032200200	200	364	2,79														
HM5032200250	250	414	3,19														
HM5032200300	300	464	3,49														
HM5032200400	400	564	4,19														
HM5032200500	500	664	4,89														
ØD 50 ØAL 40 ØS 20														ØD 50 ØAL 40 ØS 25			
HM51200100	100	289	2,76	1/4"	16,20	35	16	34	35	20	25	CFS0000016	COF1600000	HM51250100	100	289	2,99
HM51200150	150	339	3,16											HM51250150	150	339	3,44
HM51200200	200	389	3,54											HM51250200	200	389	3,88
HM51200250	250	439	3,94											HM51250250	250	439	4,34
HM51200300	300	489	4,34											HM51250300	300	489	4,81
HM51200350	350	539	4,76											HM51250350	350	539	5,28
HM51200400	400	589	5,14											HM51250400	400	589	5,75
HM51200450	450	639	5,57											HM51250450	450	639	6,21
HM51200500	500	689	5,98											HM51250500	500	689	6,69
														HM51250550	550	739	7,09
				HM51250600	600	789	7,62										
ØD 60 ØAL 50 ØS 25														ØD 60 ØAL 50 ØS 30			
HM52250100	100	310	4,07	3/8"	20,25	40	20	40	45	25	30	CFS0000020	COF2000000	HM52300150	150	360	4,89
HM52250150	150	360	4,61											HM52300200	200	410	5,52
HM52250200	200	410	5,12											HM52300250	250	460	6,13
HM52250250	250	460	5,63											HM52300300	300	510	6,75
HM52250300	300	510	6,13											HM52300350	350	560	7,33
HM52250350	350	560	6,72											HM52300400	400	610	7,98
HM52250400	400	610	7,18											HM52300450	450	660	8,58
HM52250450	450	660	8,08											HM52300500	500	710	9,20
HM52250500	500	710	8,21											HM52300550	550	760	9,82
HM52250550	550	760	8,84											HM52300600	600	810	10,42
HM52250600	600	810	9,24											HM52300700	700	910	11,63
														HM52300800	800	1010	12,88
HM52250800	800	1010	11,49											HM52301000	1000	1210	15,35
HM52251000	1000	1210	13,65														
ØD 70 ØAL 60 ØS 30														ØD 70 ØAL 60 ØS 35			
HM53300100	100	340	6,14	3/8"	25,25	50	25	45	50	30	35	CFS0000025	COF2500000	HM53350100	100	340	6,39
HM53300150	150	390	6,87											HM53350150	150	390	7,17
HM53300200	200	440	7,52											HM53350200	200	440	7,92
HM53300250	250	490	8,19											HM53350250	250	490	8,72
HM53300300	300	540	8,87											HM53350300	300	540	9,47
HM53300350	350	590	9,52											HM53350350	350	590	10,26
HM53300400	400	640	10,22											HM53350400	400	640	11,04
HM53300450	450	690	10,85											HM53350450	450	690	11,79
HM53300500	500	740	11,57											HM53350500	500	740	12,57
HM53300550	550	790	12,18											HM53350550	550	790	13,32
HM53300600	600	840	12,92											HM53350600	600	840	14,13
HM53300800	800	1040	15,58											HM53350800	800	1040	17,19
HM53301000	1000	1240	18,32											HM53351000	1000	1240	20,25

M250



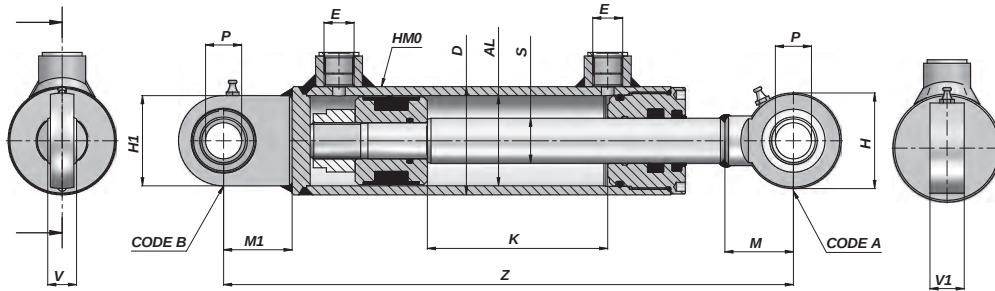
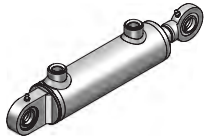
Codice Code Bestell-Nr.	K	Z	kg	E BSP	ØP	H	V	M	H1	V1	M1	Code A	Code B	Codice Code Bestell-Nr.	K	Z	kg
ØD 70 ØAL 60 ØS 40														ØD 73 ØAL 63 ØS 40			
HM53400200	200	440	8,57											HM5063400200	200	440	8,93
HM53400250	250	490	9,46											HM5063400250	250	490	9,83
HM53400300	300	540	10,35											HM5063400300	300	540	10,73
HM53400350	350	590	11,22											HM5063400350	350	590	11,63
HM53400400	400	640	12,11											HM5063400400	400	640	12,53
HM53400450	450	690	12,96	3/8"	25,25	50	25	45	50	30	35	CFS0000025	COF2500000	HM5063400450	450	690	13,43
HM53400500	500	740	13,84											HM5063400500	500	740	14,33
HM53400550	550	790	14,77											HM5063400550	550	790	15,23
HM53400600	600	840	15,62											HM5063400600	600	840	16,13
HM53400800	800	1040	19,14											HM5063400800	800	1040	19,83
HM53401000	1000	1240	22,72											HM5063401000	1000	1240	23,43
ØD 80 ØAL 70 ØS 35														ØD 80 ØAL 70 ØS 40			
HM54350100	100	340	7,42														
HM54350150	150	390	8,28														
HM54350200	200	440	9,07											HM54400200	200	440	9,61
HM54350250	250	490	9,93											HM54400250	250	490	10,59
HM54350300	300	540	10,73											HM54400300	300	540	11,57
HM54350350	350	590	11,59											HM54400350	350	590	12,53
HM54350400	400	640	12,33	3/8"	25,25	50	25	45	50	30	35	CFS0000025	COF2500000	HM54400400	400	640	14,13
HM54350450	450	690	13,21											HM54400450	450	690	14,44
HM54350500	500	740	13,93											HM54400500	500	740	15,34
HM54350550	550	790	14,99											HM54400550	550	790	16,43
HM54350600	600	840	15,53											HM54400600	600	840	17,32
HM54350800	800	1040	18,89											HM54400800	800	1040	21,06
HM54351000	1000	1240	22,59											HM54401000	1000	1240	24,84
ØD 92 ØAL 80 ØS 40														ØD 92 ØAL 80 ØS 50			
HM55400200	200	475	13,22											HM55500200	200	475	14,49
HM55400250	250	525	14,36											HM55500250	250	525	15,87
HM55400300	300	575	15,49											HM55500300	300	575	17,29
HM55400400	400	675	17,70											HM55500400	400	675	20,09
HM55400500	500	775	19,91	1/2"	30,25	60	30	50	60	35	45	CFS0000030	COF3000000	HM55500500	500	775	22,85
HM55400600	600	875	22,12											HM55500600	600	875	26,14
HM55400800	800	1075	26,64											HM55500800	800	1075	31,64
HM55401000	1000	1275	31,06											HM55501000	1000	1275	37,14
ØD 105 ØAL 90 ØS 50																	
HM5090500300	300	616	23,58														
HM5090500400	400	716	26,92														
HM5090500500	500	816	30,25	1/2"	40,25	80	40	70	70	40	60	CFS0000040	COF4000000				
HM5090500600	600	916	33,58														
HM5090500800	800	1116	40,25														
HM5090501000	1000	1316	46,92														
ØD 115 ØAL 100 ØS 50														ØD 115 ØAL 100 ØS 60			
HM56500200	200	540	23,79														
HM56500250	250	590	25,79														
HM56500300	300	640	27,29											HM56600300	300	640	29,79
HM56500400	400	740	30,79	1/2"	40,25	80	40	70	70	40	60	CFS0000040	COF4000000	HM56600400	400	740	33,79
HM56500500	500	840	34,29											HM56600500	500	840	37,79
HM56500600	600	940	37,79											HM56600600	600	940	41,79
HM56500800	800	1140	44,79											HM56600800	800	1140	50,29
HM56501000	1000	1340	51,79											HM56601000	1000	1340	58,79

MATERIALE - MATERIAL:

TUBO - TUBE - ROHR: ACCIAIO - STEEL - STAHL St 52.3 DIN 2393 ISO H9

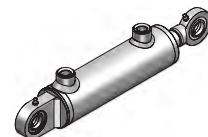
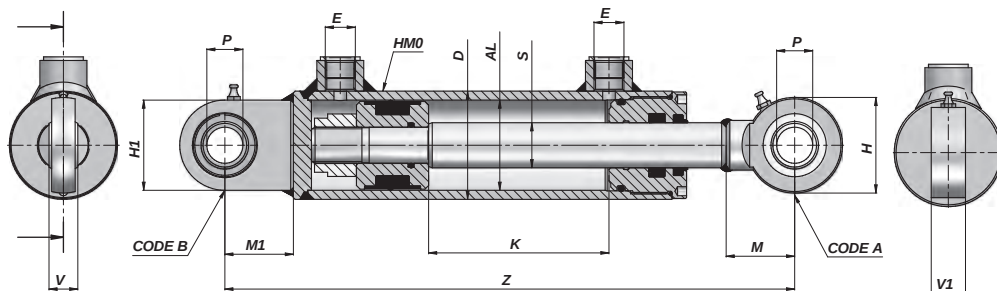
STELLO - ROD - KOLBENSTANGE:

ACCIAIO - STEEL - STAHL UNI C45 SAE 1045 - CROMO - CHROME - CHROM: 25 MICRON ±5 Rating 9/120 h ISO 10289 - 1999/ISO 9227-NSS



Codice Code Bestell-Nr.	K	Z	kg	E BSP	ØP	H	V	M	H1	V1	M1	Code A	Code B	Codice Code Bestell-Nr.	K	Z	kg										
ØD 42 ØAL 32 ØS 20																											
HMB032200050	50	225	1,80	1/4"	16	46	14	35	48	17,5	35	CSTS016C00	CSTS016N00														
HMB032200100	100	275	2,10																								
HMB032200150	150	325	2,45																								
HMB032200200	200	375	2,80																								
HMB032200250	250	425	3,20																								
HMB032200300	300	475	3,50																								
HMB032200400	400	575	4,20																								
HMB032200500	500	675	4,90																								
ØD 50 ØAL 40 ØS 20														ØD 50 ØAL 40 ØS 25													
HMB1200100	100	300	2,77	1/4"	16	46	14	35	48	17,5	35	CSTS016C00	CSTS016N00	HMB1250100	100	300	3,00										
HMB1200150	150	350	3,17											HMB1250150	150	350	3,45										
HMB1200200	200	400	3,55											HMB1250200	200	400	3,89										
HMB1200250	250	450	3,95											HMB1250250	250	450	4,35										
HMB1200300	300	500	4,35											HMB1250300	300	500	4,82										
HMB1200350	350	550	4,77											HMB1250350	350	550	5,29										
HMB1200400	400	600	5,15											HMB1250400	400	600	5,76										
HMB1200450	450	650	5,58											HMB1250450	450	650	6,22										
HMB1200500	500	700	5,99											HMB1250500	500	700	6,70										
														HMB1250550	550	750	7,10										
				HMB1250600	600	800	7,63																				
ØD 60 ØAL 50 ØS 25														ØD 60 ØAL 50 ØS 30													
HMB2250100	100	316	3,94	3/8"	20	53	16	38	50	19	38	CSTS020C00	CSTS020N00	HMB2300150	150	366	4,76										
HMB2250150	150	366	4,48											HMB2300200	200	416	5,39										
HMB2250200	200	416	4,99											HMB2300250	250	466	6,00										
HMB2250250	250	466	5,50											HMB2300300	300	516	6,62										
HMB2250300	300	516	6,00											HMB2300350	350	566	7,20										
HMB2250350	350	566	6,59											HMB2300400	400	616	7,85										
HMB2250400	400	616	7,05											HMB2300450	450	666	8,45										
HMB2250450	450	666	7,95											HMB2300500	500	716	9,07										
HMB2250500	500	716	8,08											HMB2300550	550	766	9,69										
HMB2250550	550	766	8,71											HMB2300600	600	816	10,29										
HMB2250600	600	816	9,11											HMB2300700	700	916	11,50										
														HMB2300800	800	1016	12,75										
HMB2250800	800	1016	11,36	3/8"	25	64	20	45	55	23	45	CSTS025C00	CSTS025N00	HMB2301000	1000	1216	15,22										
HMB2251000	1000	1216	13,52																								
ØD 70 ØAL 60 ØS 30																								ØD 70 ØAL 60 ØS 35			
HMB3300100	100	350	5,85											HMB3350100	100	350	6,10										
HMB3300150	150	400	6,58											HMB3350150	150	400	6,88										
HMB3300200	200	450	7,23											HMB3350200	200	450	7,63										
HMB3300250	250	500	7,90											HMB3350250	250	500	8,43										
HMB3300300	300	550	8,58											HMB3350300	300	550	9,18										
HMB3300350	350	600	9,23											HMB3350350	350	600	9,97										
HMB3300400	400	650	9,93											HMB3350400	400	650	10,75										
HMB3300450	450	700	10,56											HMB3350450	450	700	11,50										
HMB3300500	500	750	11,28											HMB3350500	500	750	12,28										
HMB3300550	550	800	11,89											HMB3350550	550	800	13,03										
HMB3300600	600	850	12,63											HMB3350600	600	850	13,84										
HMB3300800	800	1050	15,29											HMB3350800	800	1050	16,90										
HMB3301000	1000	1250	18,03											HMB3351000	1000	1250	19,96										

M250



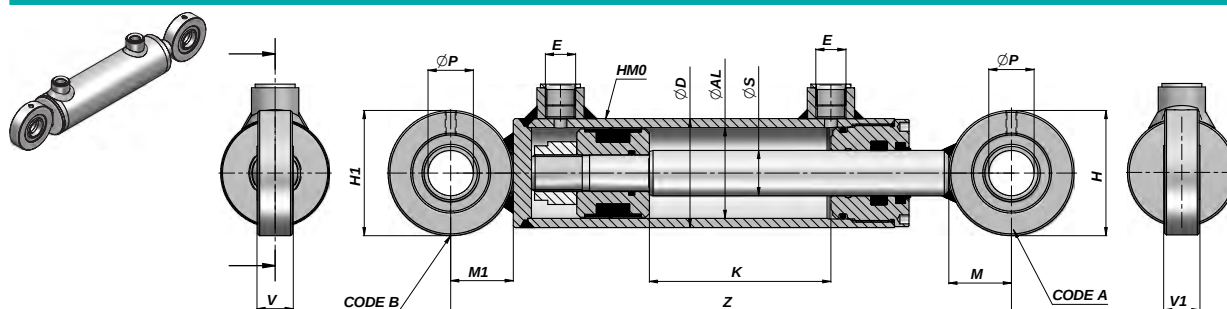
Codice Code Bestell-Nr.	K	Z	kg	E BSP	ØP	H	V	M	H1	V1	M1	Code A	Code B	Codice Code Bestell-Nr.	K	Z	kg
ØD 70 ØAL 60 ØS 40														ØD 73 ØAL 63 ØS 40			
HMB3400200	200	450	8,28	3/8"	25	64	20	45	55	23	45	CSTS025C00	CSTS025N00	HMB063400200	200	450	8,64
HMB3400250	250	500	9,17											HMB063400250	250	500	9,54
HMB3400300	300	550	10,06											HMB063400300	300	550	10,44
HMB3400350	350	600	10,93											HMB063400350	350	600	11,34
HMB3400400	400	650	11,82											HMB063400400	400	650	12,24
HMB3400450	450	700	12,67											HMB063400450	450	700	13,14
HMB3400500	500	750	13,55											HMB063400500	500	750	14,04
HMB3400550	550	800	14,48											HMB063400550	550	800	14,94
HMB3400600	600	850	15,33											HMB063400600	600	850	15,84
HMB3400800	800	1050	18,85											HMB063400800	800	1050	19,54
HMB3401000	1000	1250	22,43											HMB063401000	1000	1250	23,14
ØD 80 ØAL 70 ØS 35														ØD 80 ØAL 70 ØS 40			
HMB4350100	100	350	7,13	3/8"	25	64	20	45	55	23	45	CSTS025C00	CSTS025N00				
HMB4350150	150	400	7,99														
HMB4350200	200	450	8,78											HMB4400200	200	450	9,32
HMB4350250	250	500	9,64											HMB4400250	250	500	10,30
HMB4350300	300	550	10,44											HMB4400300	300	550	11,28
HMB4350350	350	600	11,30											HMB4400350	350	600	12,24
HMB4350400	400	650	12,04											HMB4400400	400	650	13,84
HMB4350450	450	700	12,92											HMB4400450	450	700	14,15
HMB4350500	500	750	13,64											HMB4400500	500	750	15,05
HMB4350550	550	800	14,70											HMB4400550	550	800	16,14
HMB4350600	600	850	15,24											HMB4400600	600	850	17,03
HMB4350800	800	1050	18,60											HMB4400800	800	1050	20,77
HMB4351000	1000	1250	22,30											HMB4401000	1000	1250	24,55
ØD 92 ØAL 80 ØS 40														ØD 92 ØAL 80 ØS 50			
HMB5400200	200	482	12,67	1/2"	30	73	22	51	65	28	51	CSTS030C00	CSTS030N00	HMB5500200	200	482	13,94
HMB5400250	250	532	13,81											HMB5500250	250	532	15,32
HMB5400300	300	582	14,94											HMB5500300	300	582	16,74
HMB5400400	400	682	17,15											HMB5500400	400	682	19,54
HMB5400500	500	782	19,36											HMB5500500	500	782	22,30
HMB5400600	600	882	21,57											HMB5500600	600	882	25,59
HMB5400800	800	1082	26,09											HMB5500800	800	1082	31,09
HMB5401000	1000	1282	30,51											HMB5501000	1000	1282	36,59
ØD 105 ØAL 90 ØS 50																	
HMB090500300	300	624	23,26	1/2"	40	92	28	69	100	35	69	CSTS040C00	CSTS040N00				
HMB090500400	400	724	26,60														
HMB090500500	500	824	29,93														
HMB090500600	600	924	33,26														
HMB090500800	800	1124	39,93														
HMB090501000	1000	1324	46,60														
ØD 115 ØAL 100 ØS 50														ØD 115 ØAL 100 ØS 60			
HMB6500200	200	548	23,47	1/2"	40	92	28	69	100	35	69	CSTS040C00	CSTS040N00				
HMB6500250	250	598	25,47														
HMB6500300	300	648	26,97											HMB6600300	300	648	29,47
HMB6500400	400	748	30,47											HMB6600400	400	748	33,47
HMB6500500	500	848	33,97											HMB6600500	500	848	37,47
HMB6500600	600	948	37,47											HMB6600600	600	948	41,47
HMB6500800	800	1148	44,47											HMB6600800	800	1148	49,97
HMB6501000	1000	1348	51,47											HMB6601000	1000	1348	58,47

MATERIALE - MATERIAL:

TUBO - TUBE - ROHR: ACCIAIO - STEEL - STAHL St 52.3 DIN 2393 ISO H9

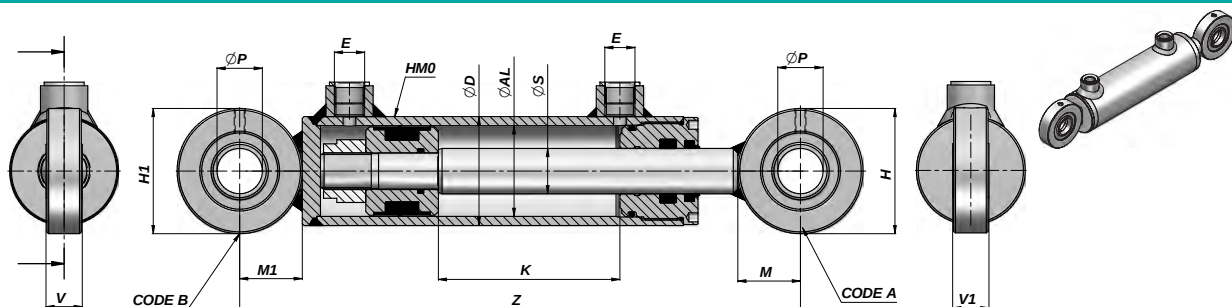
STELO - ROD - KOLBENSTANGE:

ACCIAIO - STEEL - STAHL UNI C45 SAE 1045 - CROMO - CHROME - CHROM: 25 MICRON ±5 Rating 9/120 h ISO 10289 - 1999/ISO 9227-NSS



Codice Code Bestell-Nr.	K	Z	kg	E BSP	ØP	H	V	M	H1	V1	M1	Code A	Code B	Codice Code Bestell-Nr.	K	Z	kg
ØD 42 ØAL 32 ØS 20																	
HMC032200050	50	195	1,46	1/4"	15	40	12	20	40	12	20	CAGEG04002615	CAGEG04002615				
HMC032200100	100	245	1,76														
HMC032200150	150	295	2,11														
HMC032200200	200	345	2,46														
HMC032200250	250	395	2,86														
HMC032200300	300	445	3,16														
HMC032200400	400	545	3,86														
HMC032200500	500	645	4,56														
ØD 50 ØAL 40 ØS 20														ØD 50 ØAL 40 ØS 25			
HMC1200100	100	280	2,53	1/4"	20	50	16	25	50	16	25	CAGEG05003520	CAGEG05003520	HMC1250100	100	280	2,76
HMC1200150	150	330	2,93											HMC1250150	150	330	3,21
HMC1200200	200	380	3,31											HMC1250200	200	380	3,65
HMC1200250	250	430	3,71											HMC1250250	250	430	4,11
HMC1200300	300	480	4,11											HMC1250300	300	480	4,58
HMC1200350	350	530	4,53											HMC1250350	350	530	5,05
HMC1200400	400	580	4,91											HMC1250400	400	580	5,52
HMC1200450	450	630	5,34											HMC1250450	450	630	5,98
HMC1200500	500	680	5,75											HMC1250500	500	680	6,46
														HMC1250550	550	730	6,86
								HMC1250600	600	780	7,39						
ØD 60 ØAL 50 ØS 25														ØD 60 ØAL 50 ØS 30			
HMC2250100	100	309	4,04	3/8"	25	69	20	34,5	69	20	34,5	CAGEG06904225	CAGEG06904225	HMC2300150	150	359	4,86
HMC2250150	150	359	4,58											HMC2300200	200	409	5,49
HMC2250200	200	409	5,09											HMC2300250	250	459	6,10
HMC2250250	250	459	5,60											HMC2300300	300	509	6,72
HMC2250300	300	509	6,10											HMC2300350	350	559	7,30
HMC2250350	350	559	6,69											HMC2300400	400	609	7,95
HMC2250400	400	609	7,15											HMC2300450	450	659	8,55
HMC2250450	450	659	8,05											HMC2300500	500	709	9,17
HMC2250500	500	709	8,18											HMC2300550	550	759	9,79
HMC2250550	550	759	8,81											HMC2300600	600	809	10,39
HMC2250600	600	809	9,21											HMC2300700	700	909	11,60
														HMC2300800	800	1009	12,85
HMC2250800	800	1009	11,46					HMC2301000	1000	1209	15,32						
HMC2251000	1000	1209	13,62														
ØD 70 ØAL 60 ØS 30														ØD 70 ØAL 60 ØS 35			
HMC3300100	100	329	5,57	3/8"	25	69	20	34,5	69	20	34,5	CAGEG06904225	CAGEG06904225	HMC3350100	100	329	5,82
HMC3300150	150	379	6,30											HMC3350150	150	379	6,60
HMC3300200	200	429	6,95											HMC3350200	200	429	7,35
HMC3300250	250	479	7,62											HMC3350250	250	479	8,15
HMC3300300	300	529	8,30											HMC3350300	300	529	8,90
HMC3300350	350	579	8,95											HMC3350350	350	579	9,69
HMC3300400	400	629	9,65											HMC3350400	400	629	10,47
HMC3300450	450	679	10,28											HMC3350450	450	679	11,22
HMC3300500	500	729	11,00											HMC3350500	500	729	12,00
HMC3300550	550	779	11,61											HMC3350550	550	779	12,75
HMC3300600	600	829	12,35											HMC3350600	600	829	13,56
HMC3300800	800	1029	15,01											HMC3350800	800	1029	16,62
HMC3301000	1000	1229	17,75					HMC3351000	1000	1229	19,68						

M250



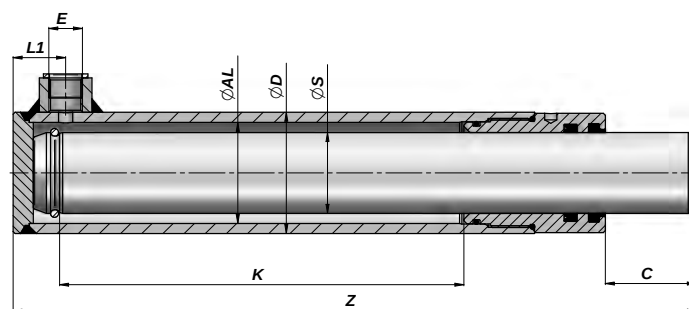
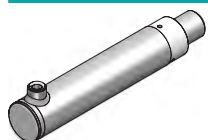
Codice Code Bestell-Nr.	K	Z	kg	E BSP	ØP	H	V	M	H1	V1	M1	Code A	Code B	Codice Code Bestell-Nr.	K	Z	kg
ØD 70 ØAL 60 ØS 40														ØD 73 ØAL 63 ØS 40			
HMC3400200	200	429	8,00											HMC063400200	200	429	8,36
HMC3400250	250	479	8,89											HMC063400250	250	479	9,26
HMC3400300	300	529	9,78											HMC063400300	300	529	10,16
HMC3400350	350	579	10,65											HMC063400350	350	579	11,06
HMC3400400	400	629	11,54											HMC063400400	400	629	11,96
HMC3400450	450	679	12,39	3/8"	25	69	20	34,5	69	20	34,5	CAGE06904225	CAGE06904225	HMC063400450	450	679	12,86
HMC3400500	500	729	13,27											HMC063400500	500	729	13,76
HMC3400550	550	779	14,20											HMC063400550	550	779	14,66
HMC3400600	600	829	15,05											HMC063400600	600	829	15,56
HMC3400800	800	1029	18,57											HMC063400800	800	1029	19,26
HMC3401000	1000	1229	22,15											HMC063401000	1000	1229	22,86
ØD 80 ØAL 70 ØS 35														ØD 80 ØAL 70 ØS 40			
HMC4350100	100	335	6,97														
HMC4350150	150	385	7,83														
HMC4350200	200	435	8,62											HMC4400200	200	435	9,16
HMC4350250	250	485	9,48											HMC4400250	250	485	10,14
HMC4350300	300	535	10,28											HMC4400300	300	535	11,12
HMC4350350	350	585	11,14											HMC4400350	350	585	12,08
HMC4350400	400	635	11,88	3/8"	30	75	22	37,5	75	22	37,5	CAGE07504730	CAGE07504730	HMC4400400	400	635	13,68
HMC4350450	450	685	12,76											HMC4400450	450	685	13,99
HMC4350500	500	735	13,48											HMC4400500	500	735	14,89
HMC4350550	550	785	14,54											HMC4400550	550	785	15,98
HMC4350600	600	835	15,08											HMC4400600	600	835	16,87
HMC4350800	800	1035	18,44											HMC4400800	800	1035	20,61
HMC4351000	1000	1235	22,14											HMC4401000	1000	1235	24,39
ØD 92 ØAL 80 ØS 40														ØD 92 ØAL 80 ØS 50			
HMC5400200	200	474	12,73											HMC5500200	200	474	14,00
HMC5400250	250	524	13,87											HMC5500250	250	524	15,38
HMC5400300	300	574	15,00											HMC5500300	300	574	16,80
HMC5400400	400	674	17,21	1/2"	40	94	28	47	94	28	47	CAGE09406240	CAGE09406240	HMC5500400	400	674	19,60
HMC5400500	500	774	19,42											HMC5500500	500	774	22,36
HMC5400600	600	874	21,63											HMC5500600	600	874	25,65
HMC5400800	800	1074	26,15											HMC5500800	800	1074	31,15
HMC5401000	1000	1274	30,57											HMC5501000	1000	1274	36,65
ØD 105 ØAL 90 ØS 50																	
HMC090500300	300	580	20,96														
HMC090500400	400	680	24,30														
HMC090500500	500	780	27,63	1/2"	40	94	28	47	94	28	47	CAGE09406240	CAGE09406240				
HMC090500600	600	880	30,96														
HMC090500800	800	1080	37,63														
HMC090501000	1000	1280	44,30														
ØD 115 ØAL 100 ØS 50														ØD 115 ØAL 100 ØS 60			
HMC6500200	200	530	23,95														
HMC6500250	250	580	25,95														
HMC6500300	300	630	27,45											HMC6600300	300	630	29,95
HMC6500400	400	730	30,95	1/2"	50	120	40	60	120	40	60	CAGEN12040050 + CGE0500000	CAGEN12040050 + CGE0500000	HMC6600400	400	730	33,95
HMC6500500	500	830	34,45											HMC6600500	500	830	37,95
HMC6500600	600	930	37,95											HMC6600600	600	930	41,95
HMC6500800	800	1130	44,95											HMC6600800	800	1130	50,45
HMC6501000	1000	1330	51,95											HMC6601000	1000	1330	58,95

MATERIALE - MATERIAL:

TUBO - TUBE - ROHR: ACCIAIO - STEEL - STAHL St 52.3 DIN 2393 ISO H9

STELO - ROD - KOLBENSTANGE:

ACCIAIO - STEEL - STAHL UNI C45 SAE 1045 - CROMO - CHROME - CHROM: 25 MICRON ±5 Rating 9/120 h ISO 10289 - 1999/ISO 9227-NSS



Codice Code Bestell-Nr.	K	Z	kg	E BSP	L1	C
ØD 50 ØAL 40 ØS 30						
HT02300200	200	326	3,64	3/8"	23	40
HT02300250	250	376	4,19			
HT02300300	300	426	4,75			
HT02300350	350	476	5,31			
HT02300400	400	526	5,86			
HT02300500	500	626	6,96			
ØD 60 ØAL 50 ØS 40						
HT03400200	200	338	5,64	3/8"	26	45
HT03400300	300	438	7,29			
HT03400400	400	538	8,98			
HT03400500	500	638	10,61			
HT03400600	600	738	12,28			
ØD 70 ØAL 60 ØS 50						
HT04500300	300	450	10,47	3/8"	30	50
HT04500400	400	550	12,86			
HT04500500	500	650	15,14			
HT04500600	600	750	17,50			

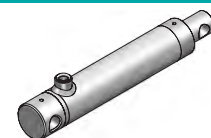
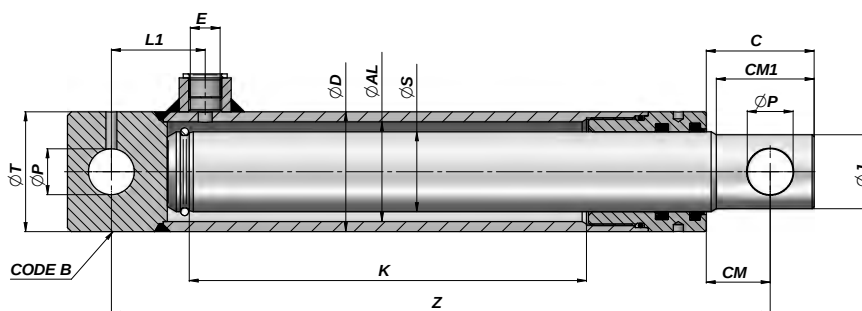
MATERIALE - MATERIAL:

TUBO - TUBE - ROHR: ACCIAIO - STEEL - STAHL St 52.3 DIN 2393 ISO H9

STELO - ROD - KOLBENSTANGE:

ACCIAIO - STEEL - STAHL UNI C45 SAE 1045 - CROMO - CHROME - CHROM: 25 MICRON ±5 Rating 9/120 h ISO 10289 - 1999/ISO 9227-NSS

M250



Codice Code Bestell-Nr.	K	Z	kg	E BSP	L1	ØP	CM	C	ØJ	CM1	ØT	Code B
ØD 40 ØAL 30 ØS 25												
HFRT125100	100	190	1,63	3/8"	40	14	24	38	22	35	40	CFHRT04030
HFRT125150	150	240	2,04									
HFRT125200	200	290	2,44									
HFRT125250	250	340	2,85									
HFRT125300	300	390	3,26									
ØD 50 ØAL 40 ØS 30												
HFRT230200	200	300	3,61	3/8"	42	16	26	42	27	37	50	CF04005016
HFRT230250	250	350	4,16									
HFRT230300	300	400	4,72									
HFRT230350	350	450	5,27									
HFRT230400	400	500	5,82									
HFRT230550	550	650	7,30									
ØD 60 ØAL 50 ØS 40												
HFRT340200	200	330	6,00	3/8"	47	23	32	54	37	49	60	CFHRT06050
HFRT340250	250	380	6,84									
HFRT340300	300	430	7,67									
HFRT340350	350	480	8,49									
HFRT340400	400	530	9,32									
HFRT340550	550	680	11,70									
HFRT340700	700	830	14,10									
ØD 70 ØAL 60 ØS 50												
HFRT450300	300	460	11,80	3/8"	50	25,5	49	74	47	65	65	CFHRT07060
HFRT450400	400	560	14,00									
HFRT450550	550	710	17,50									
HFRT450700	700	860	21,00									

MATERIALE - MATERIAL:

TUBO - TUBE - ROHR: ACCIAIO - STEEL - STAHL St 52.3 DIN 2393 ISO H9

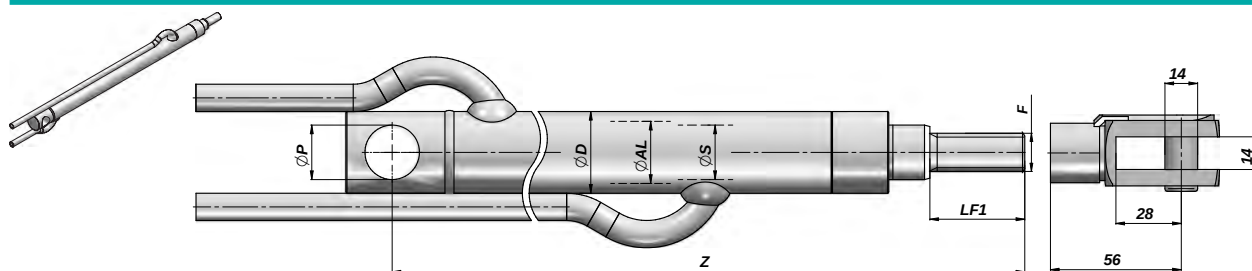
STELO - ROD - KOLBENSTANGE:

ACCIAIO - STEEL - STAHL UNI C45 SAE 1045 - CROMO - CHROME - CHROM: 25 MICRON ±5 Rating 9/120 h ISO 10289 - 1999/ISO 9227-NSS

IP-CF



CILINDRO DOPPIO EFFETTO PER CENTINA
DOUBLE ACTING CURTAINSIDER CYLINDER
DOPPELWIRKENDER ZYLINDER FÜR SPRIEGEL



Codice Code Bestell-Nr.	ØD	ØAL	ØS	Corsa Stroke Hub	Z	ØP (+0,2 +0,3)	F	LF1	kg	OPTIONAL	
										Forcella Fork Gabel	Clip per forcella Lockable Pin Halteclip
IP07CEN2515002	30	25	20	1500	1650	20	M14x2	35	7,30	CFFF012334	CSAF012346
IP07CEN2512002	30	25	20	1200	1350	20	M14x2	35	6,10		
IP07CEN2510002	30	25	20	1000	1150	20	M14x2	35	5,30		
IP07CEN2508002	30	25	20	800	950	20	M14x2	35	4,40		
IP07CEN2506002	30	25	20	600	750	20	M14x2	35	3,60		

PRESSIONE MASSIMA - MAX. PRESSURE - MAX. DRUCK: 180 BAR

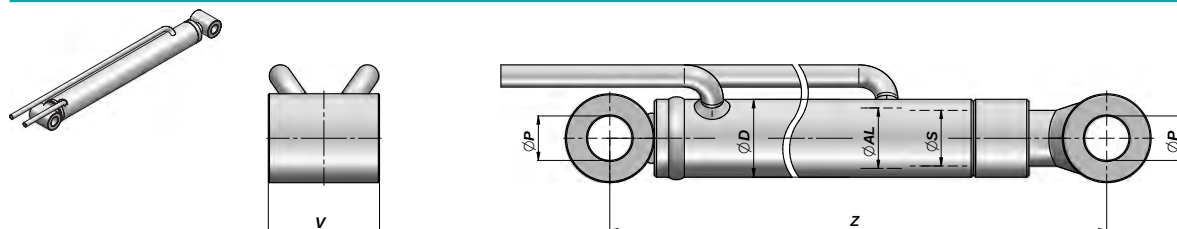
TEMPERATURA C° - TEMPERATURE C° - TEMPERATURBEREICH C°: -15°C - +70°C

VELOCITÀ MASSIMA - MAX SPEED - HÖCHSTGESCHWINDIGKEIT: MAX 0,5 M/S

IP-CB



CILINDRO DOPPIO EFFETTO PER CENTINA
DOUBLE ACTING CURTAINSIDER CYLINDER
DOPPELWIRKENDER ZYLINDER FÜR SPRIEGEL



Codice Code Bestell-Nr.	ØD	ØAL	ØS	Corsa Stroke Hub	Z	ØP	V	kg
IP07CEN4015000	50	40	25	1500	1670	20,5	55	17,50

PRESSIONE MASSIMA - MAX. PRESSURE - MAX. DRUCK: 180 BAR

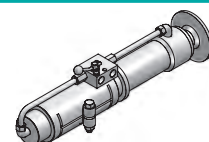
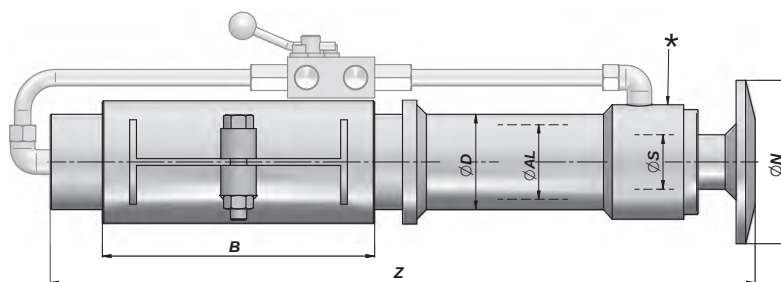
TEMPERATURA C° - TEMPERATURE C° - TEMPERATURBEREICH C°: -15°C - +70°C

VELOCITÀ MASSIMA - MAX SPEED - HÖCHSTGESCHWINDIGKEIT: MAX 0,5 M/S

CILINDRO STABILIZZATORE CON ATTACCO A FLANGIA
HYDRAULIC STABILIZER CYLINDER WITH FLANGE MOUNTING
STÜTZZYLINDER MIT FLANSCHBEFESTIGUNG



IP-F



Codice Code Bestell-Nr.	ØD	ØAL	ØS	Corsa Stroke Hub	Z	B	ØN	kg	Valvola di Blocco Check Valve Sperrventil BSP
IP07CS0400AC00 *	50	40	25	250	395	150	80	5,10	-
IP07CS0400ACB0 *	50	40	25	250	395	150	80	6,10	1/4"
IP07CS0600AC00 *	70	60	40	360	530	200	120	13,50	-
IP07CS0600ACB0 *	70	60	40	360	530	200	120	14,60	3/8"
IP07CS0700AC00 *	85	70	50	450	635	220	150	24,50	-
IP07CS0700ACB0 *	85	70	50	450	635	220	150	25,70	3/8"
IP07CS0800AC00	95	80	60	500	705	220	150	37,10	-
IP07CS0800ACB0	95	80	60	500	705	220	150	38,30	3/8"
IP07CS0900AC00	105	90	70	600	795	260	200	54,00	-
IP07CS0900ACB0	105	90	70	600	795	260	200	55,30	1/2"
IP07CS1100AC00	125	110	90	500	715	260	200	71,50	-
IP07CS1100ACB0	125	110	90	500	715	260	200	72,80	1/2"

* = Senza collare di rinforzo - Without reinforcing collar - Ohne Verstärkungsring

PRESSIONE MASSIMA - MAX. PRESSURE - MAX. DRUCK: 180 BAR

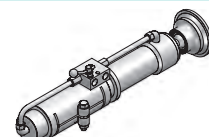
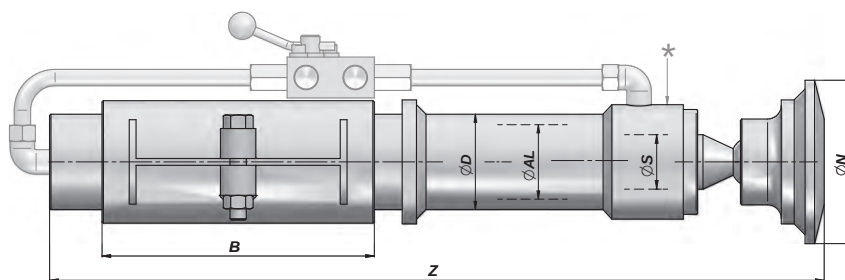
TEMPERATURA C° - TEMPERATURE C° - TEMPERATURBEREICH C°: -15°C - +70°C

VELOCITÀ MASSIMA - MAX SPEED - HÖCHSTGESCHWINDIGKEIT: MAX 0,5 M/S

CILINDRO STABILIZZATORE CON ATTACCO A SFERA
HYDRAULIC STABILIZER CYLINDER WITH BALL MOUNTING
STÜTZZYLINDER MIT KUGELBEFESTIGUNG



IP-S



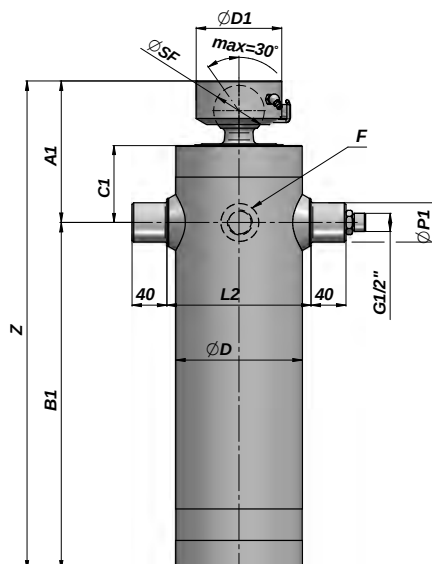
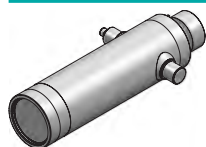
Codice Code Bestell-Nr.	ØD	ØAL	ØS	Corsa Stroke Hub	Z	B	ØN	kg	Valvola di Blocco Check Valve Sperrventil BSP
IP07CS0600BC00 *	70	60	40	360	580	200	120	15,40	-
IP07CS0600BCB0 *	70	60	40	360	580	200	120	16,50	3/8"
IP07CS0700BC00 *	85	70	50	450	687	220	150	25,60	-
IP07CS0700BCB0 *	85	70	50	450	687	220	150	26,70	3/8"
IP07CS0800BC00	95	80	60	500	767	220	150	39,00	-
IP07CS0800BCB0	95	80	60	500	767	220	150	40,20	3/8"
IP07CS0900BC00	105	90	70	600	857	260	200	57,20	-
IP07CS0900BCB0	105	90	70	600	857	260	200	58,50	1/2"
IP07CS1100BC00	125	110	90	500	787	260	200	73,30	-
IP07CS1100BCB0	125	110	90	500	787	260	200	74,60	1/2"

* = Senza collare di rinforzo - Without reinforcing collar - Ohne Verstärkungsring

PRESSIONE MASSIMA - MAX. PRESSURE - MAX. DRUCK: 180 BAR

TEMPERATURA C° - TEMPERATURE C° - TEMPERATURBEREICH C°: -15°C - +70°C

VELOCITÀ MASSIMA - MAX SPEED - HÖCHSTGESCHWINDIGKEIT: MAX 0,5 M/S



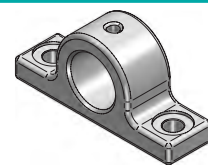
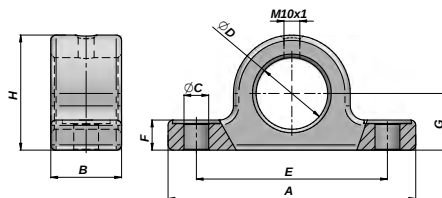
Codice Code Bestell-Nr.	Articolo nuovo New Model Neue Bezeichnung	Articolo vecchio Old Model Alte Bez.	Sfiliate Extensions Stufenzahl	Corso - Stroke - Hub	Olio assorbito Oil Consumption Ölverbrauch	Pressione Max di lavoro Max Working Pressure Maximumbetriebsdruck	Massa Totale Ribaltabile Total Mass Tip-up Gesamtkippmasse	Z	A1	B1	C1	$\varnothing D1$	$\varnothing SF$	$\varnothing P1$	$\varnothing D$	L2	F BSP	kg
					dm ³	bar	ton											
IH3103600903002	BL360 848 90 3 CRL	L04/3	3	848	3,9	220	5-14	445	156	289	100	74	43	40	110	148	-	23
IH3103601053002	BL360 855 105 3 CRL	L06/3Z	3	855	5,6	200	10-18	461	167	294	95	92	58	40	125	148	1/2"	27
IH3103600753002	BL360 866 75 3 CRL	L02/360/3	3	866	2,6	220	4-9	440	150	290	95	74	43	35	95	120	-	20
IH3103701203002	BL370 896 120 3 CRL	L08/3	3	896	7,9	200	13-24	480	197	283	125	92	58	45	145	165	1/2"	38
IH3104250753002	BL425 1055 75 3 CRL	L02/427/3	3	1055	3,1	220	4-9	509	150	359	95	74	43	35	95	120	-	21
IH3104750903002	BL475 1199 90 3 CRL	L04/475/3	3	1199	5,4	220	5-14	578	180	398	108	92	58	40	110	148	-	34
IH3102751054002	BL275 816 105 4 CRL	LB06/4	4	816	5,4	200	8-15	363	150	213	95	74	43	40	125	148	-	22
IH3103201054002	BL320 984 105 4 CRL	L06/4	4	984	5,5	200	8-15	405	150	255	95	74	43	40	125	148	-	27
IH3103200904002	BL320 984 90 4 CRL	L04L/4	4	984	4,9	200	5-11	405	155	250	100	74	43	40	110	148	-	23
IH3103600904002	BL360 1140 90 4 CRL	L04/4	4	1140	4,3	220	5-11	445	156	289	100	74	43	40	110	148	-	24
IH3103601054002	BL360 1140 105 4 CRL	L06/4Z	4	1140	6,4	200	8-15	461	167	294	95	92	58	40	125	148	-	28
IH3103601204002	BL360 1173 120 4 CRL	L08/4	4	1173	9,0	200	11-21	475	199	276	125	92	58	45	145	165	-	38
IH3104101204002	BL410 1369 120 4 CRL	L08/420/4	4	1369	10,6	200	11-21	525	232	293	160	92	58	45	145	165	-	52
IH3104451054002	BL445 1492 105 4 CRL	L06/450/4	4	1492	8,3	200	8-15	549	157	392	85	92	58	40	125	148	-	35
IH3104451204002	BL440 1501 120 4 CRL	L08/450/4	4	1501	11,6	200	11-21	558	160	398	88	92	58	45	145	165	-	55
IH3102751055002	BL275 1027 105 5 CRL	LB06/5	5	1027	4,9	200	6-12	363	150	213	95	74	43	40	125	148	-	23
IH3103051205002	BL305 1175 120 5 CRL	LB08/5	5	1175	7,9	200	9-17	418	197	221	125	92	58	45	145	165	-	39
IH3103201055002	BL320 1237 105 5 CRL	L06/5	5	1237	5,9	200	6-12	405	150	255	95	74	43	40	125	148	-	28
IH3103601055002	BL360 1432 105 5 CRL	L06/5Z	5	1432	6,8	200	6-12	444	150	294	95	74	43	40	125	148	-	29
IH3103601205002	BL360 1435 120 5 CRL	L08/5	5	1435	9,7	200	9-17	470	197	273	125	92	58	45	145	165	-	40
IH3104101205002	BL410 1710 120 5 CRL	L08/420/5	5	1710	11,5	200	9-17	525	232	293	160	92	58	45	145	165	-	47
IH3104451055002	BL445 1872 105 5 CRL	L06/450/5	5	1872	8,9	200	6-12	532	140	392	85	74	43	40	125	148	-	38
IH3104451205002	BL445 1875 120 5 CRL	L08/450/5	5	1875	12,6	200	9-17	558	160	398	88	92	58	45	145	165	-	51

CRL= Cilindro con elementi telescopici cromati - Cylinder with chrome-coated telescopic moving stages - Teleskopzylinder mit verchromten Stufen

SUPPORTO CILINDRO (COPPIA)
CYLINDER SUPPORT (COUPLE)
ZYLINDERLAGER (PAAR)



IH-SC

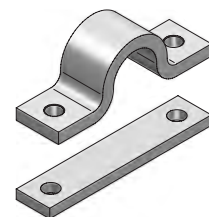
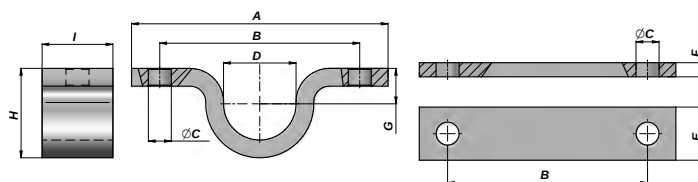


Codice Code Bestell-Nr.	Ref.		A	B	ØC	ØD	E	F	G	H		kg
IHA70035001	SC35		140	40	14	35,5	108	17	32	65		1,5
IHA70040001	SC40		140	40	14	40,5	108	17	32	65		1,5
IHA70045001	SC45		140	40	14	45,5	108	17	32	65		1,5

SUPPORTO BILANCIERE (COPPIA)
CRADLE SUPPORT (COUPLE)
LAGER FÜR KARDANRING (PAAR)



IH-SB

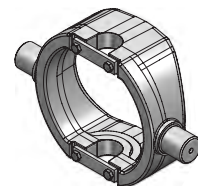
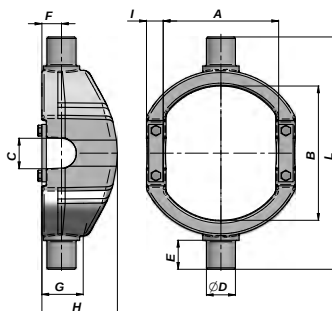


Codice Code Bestell-Nr.	Ref.		A	B	ØC	D	E	F	G	H	I	kg
IHA60035001	SB35		145	113	13	35,5	30	8	18	46	40	1,0
IHA60040001	SB40		145	113	13	40,5	30	8	20	51	40	1,0
IHA60045001	SB45		145	113	13	45,5	30	8	23	56	40	1,0

BILANCIERE
CRADLE
KARDANRING



IH-L



Codice Code Bestell-Nr.	Ref.	Portata max Max Capacity Max Tragkraft ton	A	B	C	ØD	E	F	G	H	I	L	kg
IHA5L080001	L08	11	167	215	45	45	40	30	90	115	35	360	11,5
IHA5L060001	L06-L04	8	150	185	40	40	40	27	68	105	20	320	9,0
IHA5L020001	L02	4	125	165	36,5	35	37,5	27	62	76	20	275	5,5



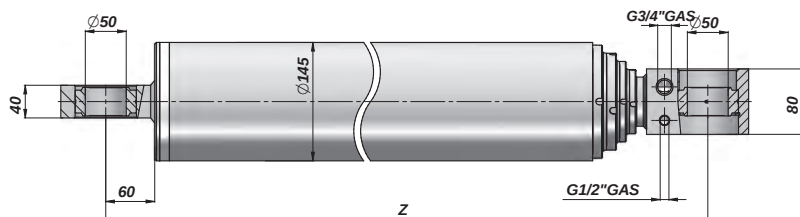
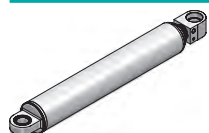
Disponibile anche un'ampia gamma di cilindri FRONTALI e SOTTOCASSA per impieghi MEDIUM e HEAVY.

Full range of FRONT MOUNT and UNDER BODY CYLINDERS for MEDIUM and HEAVY DUTY also available.

Breite Palette von FRONTHEBEZYLINDERN und UNTERFLURZYLINDERN zu MITTEL- UND SCHWERANWENDUNG auch verfügbar.

IM-T64

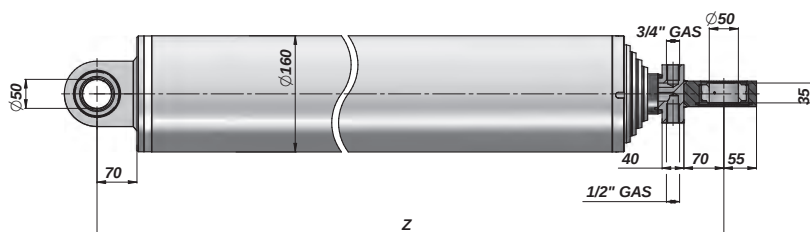
modenflex
 Interpump Hydraulics International

CILINDRO TELESOPICO DOPPIO EFFETTO
 DOUBLE ACTING TELESCOPIC CYLINDER
 DOPPELWIRKENDER TELESKOPZYLINDER


Codice Code Bestell-Nr.	Serie	Sfilate Extensions Stufenzahl	Corsa Stroke Hub	Pressione massima di lavoro Max Working Pressure Maximumbetriebsdruck	Z	kg
				bar		
IMT641600800	T64/160	4	1850	160	800	59
IMT641601000	T64/160	4	2650	160	1000	74
IMT641601100	T64/160	4	3050	160	1100	81
IMT641601200	T64/160	4	3450	160	1200	88

IM-T555

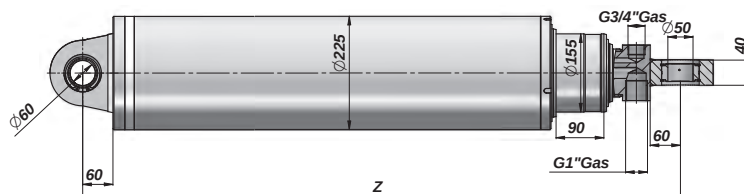
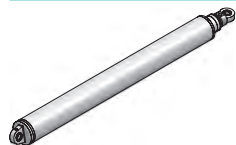
modenflex
 Interpump Hydraulics International

CILINDRO TELESOPICO DOPPIO EFFETTO
 DOUBLE ACTING TELESCOPIC CYLINDER
 DOPPELWIRKENDER TELESKOPZYLINDER


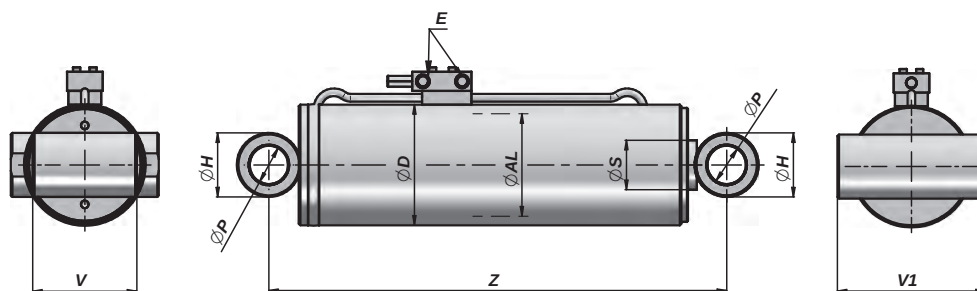
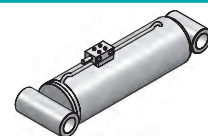
Codice Code Bestell-Nr.	Serie	Sfilate Extensions Stufenzahl	Corsa Stroke Hub	Pressione massima di lavoro Max Working Pressure Maximumbetriebsdruck	Z	kg
				bar		
IMT5552001300	T555/200	5	4395	200	1300	130
IMT5552001400	T555/200	5	4845	200	1400	141
IMT5552001500	T555/200	5	5295	200	1500	151

IM-T96

modenflex
 Interpump Hydraulics International

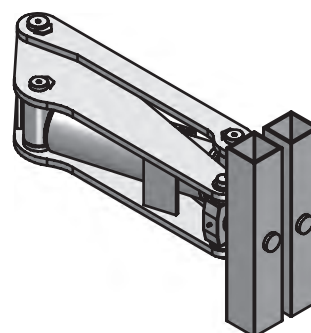
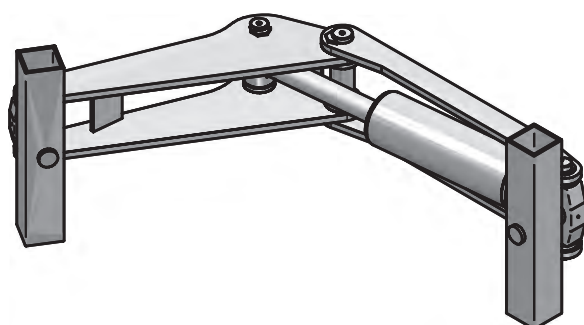
CILINDRO TELESOPICO DOPPIO EFFETTO
 DOUBLE ACTING TELESCOPIC CYLINDER
 DOPPELWIRKENDER TELESKOPZYLINDER


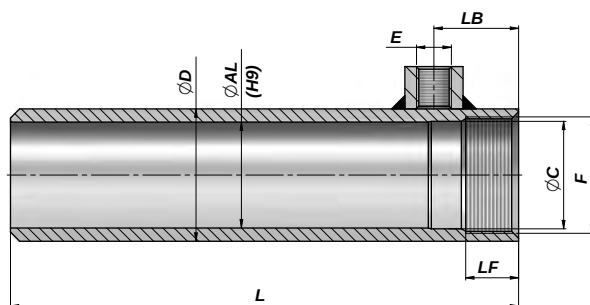
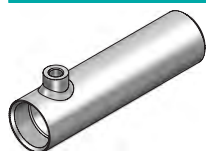
Codice Code Bestell-Nr.	Serie	Sfilate Extensions Stufenzahl	Corsa Stroke Hub	Pressione massima di lavoro Max Working Pressure Maximumbetriebsdruck	Z	kg
				bar		
IMT961501870	T96/150	6	8000	150	1870	392
IMT961502030	T96/150	6	9000	150	2030	426
IMT961502190	T96/150	6	10000	150	2190	460



Codice Code Bestell-Nr.	ØD	ØAL	ØS	Corsa Stroke Hub	Z	E BSP	ØP	ØH	V	V1	kg
IC8106801901001	220	190	90	550	835	1/2"	70	117	190	270	145

PRESSIONE MASSIMA - MAX. PRESSURE - MAX. DRUCK: 350 BAR

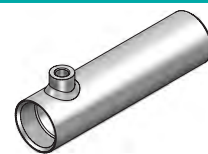
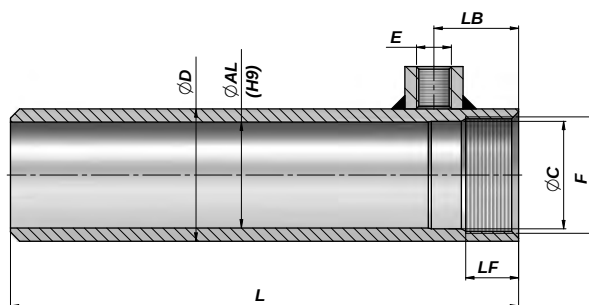




M250

Codice Code Bestell-Nr.	ØAL	Corsa Stroke Hub	L	ØD	E BSP	LB	F	LF	ØC	kg
STFR025050050	25	50	95	35	1/4"	15	M28x1,5	13	-	0,40
STFR025050100		100	145							0,60
STFR025050150		150	195							0,70
STFR025050200		200	245							0,90
STFR032050050	32	50	127	42	1/4"	27	M36x1,5	16	32,6	0,60
STFR032050100		100	177							0,80
STFR032050150		150	227							1,00
STFR032050200		200	277							1,30
STFR032050250		250	327							1,50
STFR032050300		300	377							1,70
STFR032050400		400	477							2,20
STFR032050500		500	577							2,60
STL1500100	40	100	192	50	1/4"	32	M44x1,5	20	40,6	1,09
STL1500150		150	242							1,37
STL1500200		200	292							1,64
STL1500250		250	342							1,92
STL1500300		300	392							2,19
STL1500350		350	442							2,47
STL1500400		400	492							2,74
STL1500450		450	542							3,02
STL1500500		500	592							3,30
STL1500550		550	642							3,57
STL1500600		600	692							3,85
STL2500100	50	100	202	60	3/8"	35	M54x1,5	23	50,6	1,40
STL2500150		150	252							1,74
STL2500200		200	302							2,08
STL2500250		250	352							2,42
STL2500300		300	402							2,75
STL2500350		350	452							3,09
STL2500400		400	502							3,43
STL2500450		450	552							3,76
STL2500500		500	602							4,10
STL2500550		550	652							4,44
STL2500600		600	702							4,77
STL2500700		700	802							5,44
STL2500800		800	902							6,12
STL2501000		1000	1102							7,47
STL2501500		1500	1602							10,17
STL3500100	60	100	217	70	3/8"	40	M64x1,5	28	60,6	1,77
STL3500150		150	267							2,17
STL3500200		200	317							2,57
STL3500250		250	367							2,97
STL3500300		300	417							3,36
STL3500350		350	467							3,76
STL3500400		400	517							4,16
STL3500450		450	567							4,56
STL3500500		500	617							4,96
STL3500550		550	667							5,35
STL3500600		600	717							5,75
STL3500800		800	917							7,35
STL3501000		1000	1117							8,94
STL3501500		1500	1617							12,95

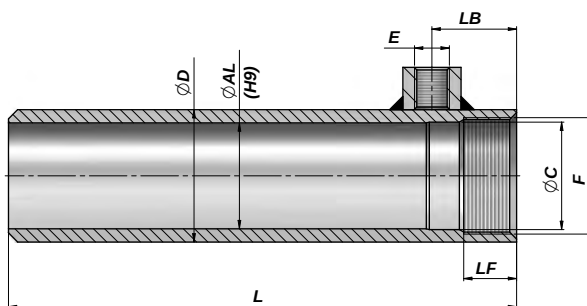
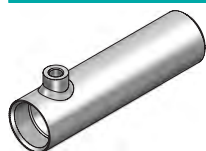
M250



Codice Code Bestell-Nr.	ØAL	Corsa Stroke Hub	L	ØD	E BSP	LB	F	LF	ØC	kg
STL0630730200	63	200	317	73	3/8"	40	M68x1,5	26	64,1	2,59
STL0630730250		250	367							3,01
STL0630730300		300	417							3,43
STL0630730400		400	517							4,27
STL0630730500		500	617							5,11
STL0630730600		600	717							5,95
STL0630730800		800	917							7,63
STL0630731000		1000	1117							9,30
STL4500100	70	100	217	80	3/8"	40	M74x1,5	28	70,6	2,04
STL4500150		150	267							2,50
STL4500200		200	317							2,96
STL4500250		250	367							3,42
STL4500300		300	417							3,87
STL4500350		350	467							4,33
STL4500400		400	517							4,79
STL4500450		450	567							5,25
STL4500500		500	617							5,71
STL4500550		550	667							6,17
STL4500600		600	717							6,63
STL4500800		800	917							8,47
STL4501000		1000	1117							10,31
STL4501500		1500	1617							14,94
STL5600200	80	200	335	92	1/2"	50	M85x2	34	80,6	4,29
STL5600250		250	385							4,92
STL5600300		300	435							5,56
STL5600400		400	535							6,82
STL5600500		500	635							8,08
STL5600600		600	735							9,35
STL5600800		800	935							11,88
STL5601000		1000	1135							14,41
STL5601500		1500	1635							20,77
STL0901050300	90	300	440	105	1/2"	50	M95x2	34	90,6	7,79
STL0901050400		400	540							9,58
STL0901050500		500	640							11,37
STL0901050600		600	740							13,16
STL0901050800		800	940							16,74
STL0901051000		1000	1140							20,33

STL

TUBO TORNITO CON BORCHIA SALDATA
TURNED CYLINDER TUBE WITH WELDED THREADED PORT
GEDREHTES ZYLINDERROHR MIT ANGESCHWEISSTEM ANSCHLUSSGEWINDE



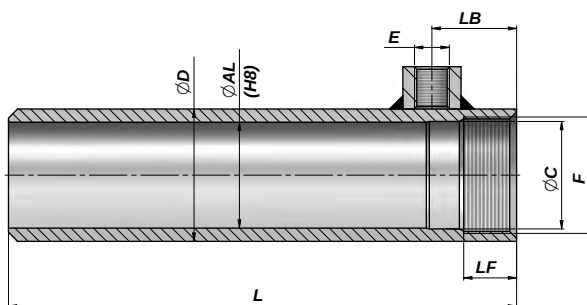
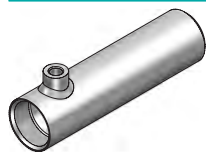
M250

Codice Code Bestell-Nr.	ØAL	Corsa Stroke Hub	L	ØD	E BSP	LB	F	LF	ØC	kg
STL6700200	100	200	360	115	1/2"	70	M105x2	52	100,6	7,17
STL6700250		250	410							8,16
STL6700300		300	460							9,14
STL6700400		400	560							11,12
STL6700500		500	660							13,09
STL6700600		600	760							15,07
STL6700800		800	960							19,02
STL6701000		1000	1160							22,97
STL6701500		1500	1660							32,89

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL St 52.3 DIN 2393 ISO H9

STS

TUBO TORNITO CON BORCHIA SALDATA
TURNED CYLINDER TUBE WITH WELDED THREADED PORT
GEDREHTES ZYLINDERROHR MIT ANGESCHWEISSTEM ANSCHLUSSGEWINDE

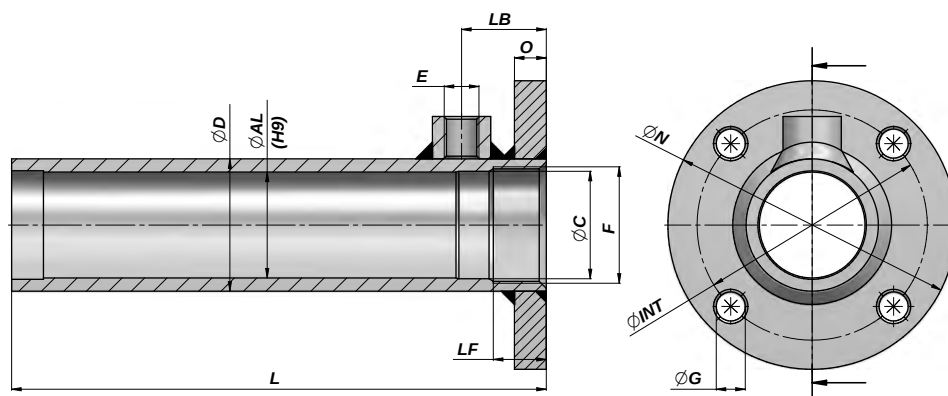


M250

Codice Code Bestell-Nr.	ØAL	Corsa Stroke Hub	L	ØD	E BSP	LB	F	LF	ØC	kg
STS5700200	80	200	335	95	1/2"	50	M85x2	34	80,6	5,44
STS5700250		250	385							6,25
STS5700300		300	435							7,05
STS5700400		400	535							8,66
STS5700500		500	635							10,27
STS5700600		600	735							11,87
STS5700800		800	935							15,09
STS5701000		1000	1135							18,31
STS6700200	100	200	360	115	1/2"	70	M105x2	52	100,6	7,17
STS6700250		250	410							8,16
STS6700300		300	460							9,14
STS6700400		400	560							11,12
STS6700500		500	660							13,09
STS6700600		600	760							15,07
STS6700800		800	960							19,02
STS6701000		1000	1160							22,97

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL St 52.3 DIN 2391 ISO H8

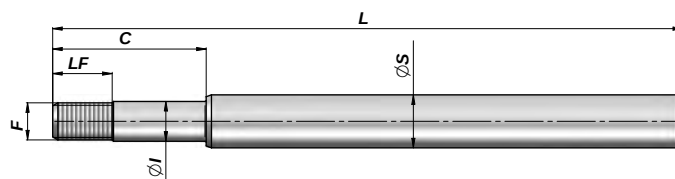
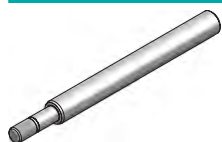
M250



Codice Code Bestell-Nr.	ØAL	Corsa Stroke Hub	L	ØD	E BSP	LB	F	LF	ØC	Flangia - Flange - Flansch				kg
										ØN	O	ØG	ØINT	
STFG040050100	40	100	202	50	1/4"	32	M44x1.5	20	40,6	109	12,5	ø 11 x 4	87	1,80
STFG040050200		200	302											2,30
STFG040050300		300	402											2,80
STFG040050400		400	502											3,40
STFG040050500		500	602											3,90
PREDISPOSTO PER FONDELLO INTERNO / MACHINED FOR INTERNAL END-PLUG / FÜR INNENBODEN GEEIGNET: CODE CFI0410012														
STFG050050100	50	100	212	60	3/8"	35	M54x1.5	23	50,6	128	14,5	ø 13 x 4	105	2,50
STFG050050200		200	312											3,20
STFG050050300		300	412											3,80
STFG050050400		400	512											4,50
STFG050050500		500	612											5,20
PREDISPOSTO PER FONDELLO INTERNO / MACHINED FOR INTERNAL END-PLUG / FÜR INNENBODEN GEEIGNET: CODE CFI0510012														
STFG060050100	60	100	230	70	3/8"	40	M64x1.5	28	60,6	142	16,5	ø 13 x 4	117	3,20
STFG060050200		200	330											4,00
STFG060050300		300	430											4,80
STFG060050400		400	530											5,60
STFG060050500		500	630											6,40
PREDISPOSTO PER FONDELLO INTERNO / MACHINED FOR INTERNAL END-PLUG / FÜR INNENBODEN GEEIGNET: CODE CFI0610015														
STFG070050100	70	100	230	80	3/8"	40	M74x1.5	28	70,6	162	16,5	ø 15 x 4	127	3,90
STFG070050200		200	330											4,80
STFG070050300		300	430											5,80
STFG070050400		400	530											6,70
STFG070050500		500	630											7,60
PREDISPOSTO PER FONDELLO INTERNO / MACHINED FOR INTERNAL END-PLUG / FÜR INNENBODEN GEEIGNET: CODE CFI0710015														
STFG080070100	80	100	250	95	1/2"	50	M85x2	34	80,6	181	18,5	ø 17 x 6	149	6,30
STFG080070200		200	350											7,90
STFG080070300		300	450											9,50
STFG080070400		400	550											11,20
STFG080070500		500	650											12,70
PREDISPOSTO PER FONDELLO INTERNO / MACHINED FOR INTERNAL END-PLUG / FÜR INNENBODEN GEEIGNET: CODE CFI0810017														
STFG100070100	100	100	278	115	1/2"	70	M105x2	52	100,6	194	24,5	ø 17 x 6	162	8,50
STFG100070200		200	378											10,50
STFG100070300		300	478											12,50
STFG100070400		400	578											14,50
STFG100070500		500	678											16,50
PREDISPOSTO PER FONDELLO INTERNO / MACHINED FOR INTERNAL END-PLUG / FÜR INNENBODEN GEEIGNET: CODE CFI1010020														

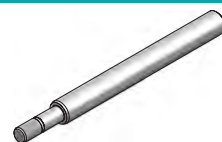
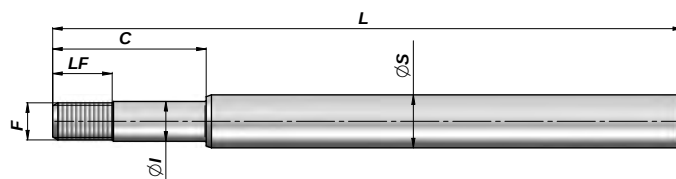
MATERIALE - MATERIAL:

TUBO - TUBE - ROHR: St 52.3 DIN 2393 ISO H9 - FLANGIA - FLANGE - FLANSCH: S355J0 (Fe510C)

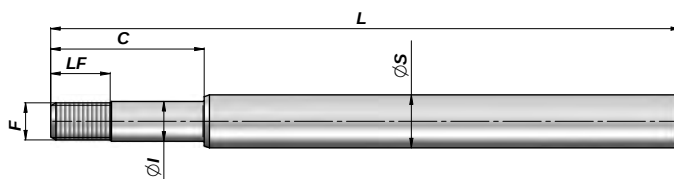
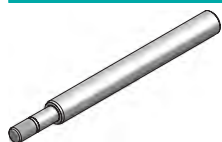


Codice Code Bestell-Nr.	ØS	Alesaggio Bore Kolben-Ø	Corsa Stroke Hub	L	ØI	C	F	LF	kg
SBL0160250050	16	25	50	128	11	31	M10x1,5	24,5	0,18
SBL0160250100			100	178					0,25
SBL0160250150			150	228					0,33
SBL0160250200			200	278					0,40
SBL0200320050	20	32	50	147	15	48	M14x1,5	21	0,30
SBL0200320100			100	197					0,43
SBL0200320150			150	247					0,55
SBL0200320200			200	297					0,67
SBL0200320250			250	347					0,79
SBL0200320300			300	397					0,91
SBL0200320400			400	497					1,10
SBL0200320500			500	597					1,40
SBL2010100	20	40	100	220	15	58	M14x1,5	23	0,48
SBL2010150			150	270					0,60
SBL2010200			200	320					0,72
SBL2010250			250	370					0,84
SBL2010300			300	420					0,97
SBL2010350			350	470					1,09
SBL2010400			400	520					1,21
SBL2010450			450	570					1,33
SBL2010500			500	620					1,46
SBL2510100	25	40	100	220	15	58	M14x1,5	23	0,70
SBL2510150			150	270					0,89
SBL2510200			200	320					1,08
SBL2510250			250	370					1,27
SBL2510300			300	420					1,47
SBL2510350			350	470					1,66
SBL2510400			400	520					1,85
SBL2510450			450	570					2,04
SBL2510500			500	620					2,23
SBL2510550			550	670					2,42
SBL2510600			600	720					2,61
SBL2520100	25	50	100	230	20	65	M20x1,5	30	0,79
SBL2520150			150	280					0,98
SBL2520200			200	330					1,17
SBL2520250			250	380					1,37
SBL2520300			300	430					1,56
SBL2520350			350	480					1,75
SBL2520400			400	530					1,94
SBL2520450			450	580					2,13
SBL2520500			500	630					2,32
SBL2520550			550	680					2,51
SBL2520600			600	730					2,71
SBL2520800			800	930					3,47
SBL2521000			1000	1130					4,24

M250



Codice Code Bestell-Nr.	ØS	Alesaggio Bore Kolben-Ø	Corsa Stroke Hub	L	ØI	C	F	LF	kg
SBL3020100	30	50	100	230	20	65	M20x1,5	30	0,90
SBL3020150			150	280					1,12
SBL3020200			200	330					1,34
SBL3020250			250	380					1,57
SBL3020300			300	430					1,79
SBL3020350			350	480					2,01
SBL3020400			400	530					2,24
SBL3020450			450	580					2,46
SBL3020500			500	630					2,68
SBL3020550			550	680					2,91
SBL3020600			600	730					3,13
SBL3020700			700	830					3,58
SBL3020800	30	60/70	800	930	20	75	M20x1,5	30	4,02
SBL3021000			1000	1130					4,92
SBL3021500			1500	1630					7,17
SBL3030100			100	248					1,14
SBL3030150			150	298					1,41
SBL3030200			200	348					1,69
SBL3030250			250	398					1,97
SBL3030300			300	448					2,24
SBL3030350			350	498					2,52
SBL3030400			400	548					2,79
SBL3030450			450	598					3,07
SBL3030500	35	60/70	500	648	20	75	M20x1,5	30	3,34
SBL3030550			550	698					3,62
SBL3030600			600	748					3,89
SBL3030800			800	948					5,00
SBL3031000			1000	1148					6,10
SBL3530100			100	248	20	75	M20x1,5	30	1,48
SBL3530150			150	298					1,86
SBL3530200			200	348					2,23
SBL3530250			250	398					2,61
SBL3530300			300	448					2,98
SBL3530350			350	498					3,36
SBL3530400			400	548					3,73
SBL3530450			450	598					4,11
SBL3530500			500	648					4,48
SBL3530550			550	698					4,86
SBL3530600			600	748					5,23
SBL3530800	40	60/70	800	948	27	75	M27x2	30	6,74
SBL3531000			1000	1148					8,24
SBL3531500			1500	1648					11,99
SBL4040200			200	348					3,01
SBL4040250			250	398					3,50
SBL4040300			300	448					3,99
SBL4040350			350	498					4,48
SBL4040400			400	548					4,97
SBL4040450			450	598					5,46
SBL4040500			500	648					5,95
SBL4040550			550	698					6,44
SBL4040600	40	60/70	600	748	27	75	M27x2	30	6,93
SBL4040800			800	948					8,89
SBL4041000			1000	1148					10,85
SBL4041500			1500	1648					15,58

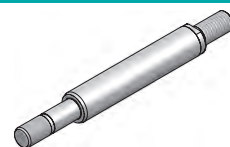
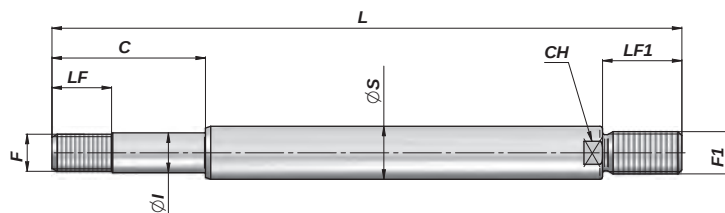


Codice Code Bestell-Nr.	ØS	Alesaggio Bore Kolben-Ø	Corsa Stroke Hub	L	ØI	C	F	LF	kg
SBL0400630200	40	63	200	348	24	75	M24x2	35	2,92
SBL0400630250			250	398					3,40
SBL0400630300			300	448					3,90
SBL0400630400			400	548					4,88
SBL0400630500			500	648					5,87
SBL0400630600			600	748					6,85
SBL0400630800			800	948					8,80
SBL0400631000			1000	1148					10,76
SBL4050200	40	80	200	368	27	83	M27x2	38	3,17
SBL4050250			250	418					3,66
SBL4050300			300	468					4,15
SBL4050400			400	568					5,13
SBL4050500			500	668					6,11
SBL4050600			600	768					7,09
SBL4050800			800	968					9,05
SBL4051000			1000	1168					11,01
SBL5050200	50	80	200	368	27	83	M27x2	38	4,74
SBL5050250			250	418					5,50
SBL5050300			300	468					6,27
SBL5050400			400	568					7,80
SBL5050500			500	668					9,33
SBL5050600			600	768					10,86
SBL5050800			800	968					13,93
SBL5051000			1000	1168					16,99
SBL5051500			1500	1668					24,64
SBL0500900300	50	90	300	471	33	88	M33x2	43	6,46
SBL0500900400			400	571					8,00
SBL0500900500			500	671					9,54
SBL0500900600			600	771					11,09
SBL0500900800			800	971					14,17
SBL0500901000			1000	1171					17,25
SBL5060200	50	100	200	395	33	88	M33x2	43	5,29
SBL5060250			250	445					6,06
SBL5060300			300	495					6,82
SBL5060400			400	595					8,35
SBL5060500			500	695					9,89
SBL5060600			600	795					11,42
SBL5060800			800	995					14,48
SBL5061000			1000	1195					17,54
SBL6060300	60	100	300	495	33	88	M33x2	43	9,56
SBL6060400			400	595					11,77
SBL6060500			500	695					13,98
SBL6060600			600	795					16,18
SBL6060800			800	995					20,59
SBL6061000			1000	1195					25,00
SBL6061500			1500	1695					36,00

MATERIALE - MATERIAL:

ACCIAIO - STEEL - STAHL: UNI C45 SAE 1045 - CROMO-CHROME-CHROM: 25 MICRON ±5 Rating 9/120 h ISO 10289 - 1999/ISO 9227-NSS

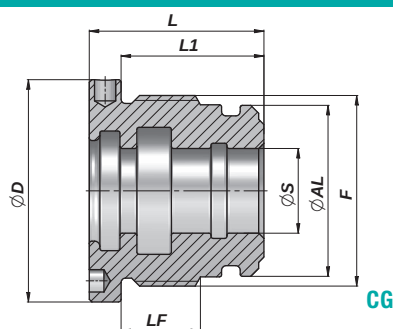
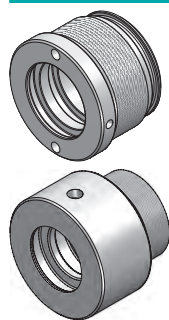
M250



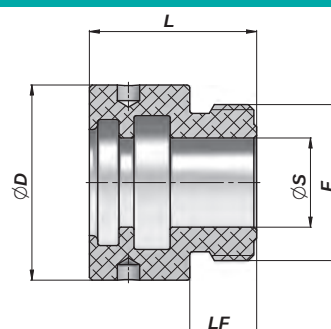
Codice Code Bestell-Nr.	ØS	Alesaggio Bore Kolben-Ø	Corsa Stroke Hub	L	ØI	C	F	LF	F1	LF1	CH	kg
SBFG200400100	20	40	100	238	15	58	M14x1,5	23	M16x1,5	30	18	0,60
SBFG200400200			200	338								0,74
SBFG200400300			300	438								0,98
SBFG200400400			400	538								1,23
SBFG200400500			500	638								1,47
SBFG300500100	30	50	100	258	20	65	M20x1,5	30	M20x1,5	40	26	1,10
SBFG300500200			200	358								1,65
SBFG300500300			300	458								2,20
SBFG300500400			400	558								2,75
SBFG300500500			500	658								3,30
SBFG350600100	35	60	100	285	24	75	M24x2	35	M27x2	50	32	1,68
SBFG350600200			200	385								2,43
SBFG350600300			300	485								3,18
SBFG350600400			400	585								3,95
SBFG350600500			500	685								4,68
SBFG400700100	40	70	100	297	27	75	M27x2	30	M30x2	60	36	2,26
SBFG400700200			200	397								3,25
SBFG400700300			300	497								4,26
SBFG400700400			400	597								5,25
SBFG400700500			500	697								6,25
SBFG500800100	50	80	100	328	27	83	M27x2	38	M36x2	70	45	3,51
SBFG500800200			200	428								5,12
SBFG500800300			300	528								6,65
SBFG500800400			400	628								8,18
SBFG500800500			500	728								9,71
SBFG501000100	50	100	100	355	33	88	M33x2	43	M36x2	70	45	4,18
SBFG501000200			200	455								5,70
SBFG501000300			300	555								7,25
SBFG501000400			400	655								8,79
SBFG501000500			500	755								10,33

MATERIALE - MATERIAL:

ACCIAIO - STEEL - STAHL: UNI C45 SAE 1045 - CROMO-CHROME-CHROM: 25 MICRON ±5 Rating 9/120 h ISO 10289 - 1999/ISO 9227-NSS



CG



CG03502516

Codice Code Bestell-Nr.	ØAL	ØS	ØD	F	LF	L	L1	kg	Confezione Box Verpackung	Pz Pcs Stk	Set guarnizioni Seal kits Dichtsätze
*CG03502516	25	16	35	M28x1,5	12	30	-	0,04	Z00CG03502516	100	GKCG025016
*CG04003016	30	16	40	M34x1,5	15	33	27	0,17	Z50CG04003016	50	GKCG030016
*CG04203216	32	16	42	M36x1,5	15	33	27	0,18	Z50CG04203216	50	GKCG032016
CG04203220	32	20	"	"	"	"	"	0,17	Z50CG04203220	50	GKCG032020
CG04503520	35	20	44	M39x1,5	19	40	32	0,19	Z50CG04503520	50	GKCG035020
CG04503522	35	22	"	"	"	"	"	0,17	Z50CG04503522	50	GKCG035022
CG05004020	40	20	49	M44x1,5	19	40	32	0,28	Z50CG05004020	50	GKCG040020
CG05004022	40	22	"	"	"	"	"	0,26	Z50CG05004022	50	GKCG040022
CG05004025	40	25	"	"	"	"	"	0,23	Z50CG05004025	50	GKCG040025
NEW! CG05004028	40	28	"	"	"	"	"	0,20	Z50CG05004028	50	GKCG040028
CG05504522	45	22	54	M49x1,5	19	40	32	0,36	Z25CG05504522	25	GKCG045022
CG05504525	45	25	"	"	"	"	"	0,33	Z25CG05504525	25	GKCG045025
CG06005020	50	20	59	M54x1,5	22	43	35	0,53	Z25CG06005020	25	GKCG050020
CG06005025	50	25	"	"	"	"	"	0,46	Z25CG06005025	25	GKCG050025
CG06005030	50	30	"	"	"	"	"	0,39	Z25CG06005030	25	GKCG050030
NEW! CG06005032	50	32	"	"	"	"	"	0,40	Z25CG06005032	25	GKCG050032
NEW! CG06005135	50	35	"	"	"	"	"	0,30	Z25CG06005135	25	GKCG051035
**CG06005035	50	35	"	"	17	38	30	0,29	Z25CG06005035	25	GKCG050035
CG06505525	55	25	64	M60x1,5	21	43	35	0,68	Z25CG06505525	25	GKCG055025
CG06505530	55	30	"	"	"	"	"	0,54	Z25CG06505530	25	GKCG055030
CG06505535	55	35	"	"	"	"	"	0,45	Z25CG06505535	25	GKCG055035
CG07006025	60	25	69	M64x1,5	27	50	40	0,95	Z25CG07006025	25	GKCG060025
CG07006030	60	30	"	"	"	"	"	0,80	Z25CG07006030	25	GKCG060030
CG07006035	60	35	"	"	"	"	"	0,70	Z25CG07006035	25	GKCG060035
CG07006040	60	40	"	"	"	"	"	0,60	Z25CG07006040	25	GKCG060040
CG07306330	63	30	73	M68x1,5	25	50	40	1,08	Z20CG07306330	20	GKCG063030
NEW! CG07306332	63	32	"	"	"	"	"	0,90	Z20CG07306332	20	GKCG063032
CG07306335	63	35	"	"	"	"	"	0,98	Z20CG07306335	20	GKCG063035
NEW! CG07306336	63	36	"	"	"	"	"	0,80	Z20CG07306336	20	GKCG063036
CG07306340	63	40	"	"	"	"	"	0,62	Z20CG07306340	20	GKCG063040
CG07506530	65	30	74	M69x1,5	25	50	40	1,25	Z20CG07506530	20	GKCG065030
CG07506535	65	35	"	"	"	"	"	1,11	Z20CG07506535	20	GKCG065035
CG07506540	65	40	"	"	"	"	"	0,98	Z20CG07506540	20	GKCG065040
CG07506545	65	45	"	"	"	"	"	0,72	Z20CG07506545	20	GKCG065045
CG08007025	70	25	79	M74x1,5	27	50	40	1,30	Z20CG08007025	20	GKCG070025
CG08007030	70	30	"	"	"	"	"	1,17	Z20CG08007030	20	GKCG070030
CG08007035	70	35	"	"	"	"	"	1,06	Z20CG08007035	20	GKCG070035
CG08007040	70	40	"	"	"	"	"	0,94	Z20CG08007040	20	GKCG070040
CG08007045	70	45	"	"	"	"	"	0,76	Z20CG08007045	20	GKCG070045
CG08007050	70	50	"	"	"	"	"	0,66	Z20CG08007050	20	GKCG070050
CG09007530	75	30	89	M80x2	33	60	50	1,72	Z10CG09007530	10	GKCG075030
CG09007535	75	35	"	"	"	"	"	1,62	Z10CG09007535	10	GKCG075035
CG09007540	75	40	"	"	"	"	"	1,46	Z10CG09007540	10	GKCG075040
CG09007545	75	45	"	"	"	"	"	1,33	Z10CG09007545	10	GKCG075045
CG09508030	80	30	94	M85x2	33	60	50	2,25	Z10CG09508030	10	GKCG080030
CG09508035	80	35	"	"	"	"	"	1,88	Z10CG09508035	10	GKCG080035
CG09508040	80	40	"	"	"	"	"	1,73	Z10CG09508040	10	GKCG080040

** CG06005035: NON CONFORME PER "STL" STANDARD

** CG06005035: NOT SUITABLE FOR STANDARD "STL"

** CG06005035: FÜR STANDARD "STL" NICHT GEEIGNET

La versione a 2 fori frontali è disponibile da ØAL.30 a ØAL.100 fino ad esaurimento scorte.
The version with 2 front holes is available from ØAL.30 to ØAL.100 till stock lasts.

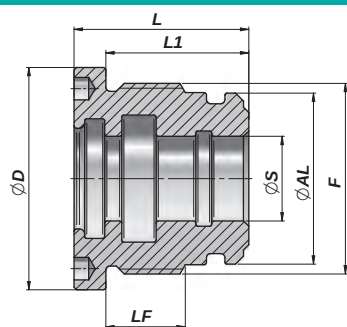
Die Ausführung mit 2 Bohrungen vorne ist vom ØAL.30 bis ØAL.100 solange der Vorrat reicht verfügbar.

GUARNIZIONI: VEDI PAGINA 90-91

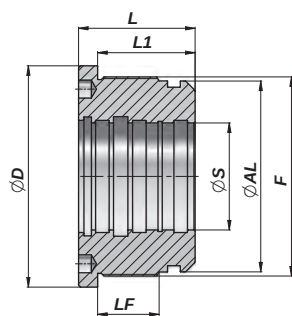
SEALS: SEE PAGE 90-91

DICHTUNGEN: SIEHE SEITE 90-91

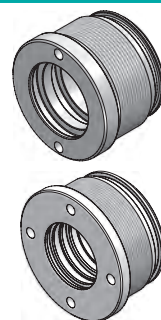
M250



CG



CG30



Codice Code Bestell-Nr.	ØAL	ØS	ØD	F	LF	L	L1	kg	Confezione Box Verpackung	Pz Pcs Stk	Set guarnizioni Seal kits Dichtsätze
CG09508045	80	45	94	M85x2	33	60	50	1,58	Z10CG09508045	10	GKGC080045
CG09508050	80	50	"	"	"	"	"	1,42	Z10CG09508050	10	GKGC080050
CG09508055	80	55	"	"	"	"	"	1,40	Z10CG09508055	10	GKGC080055
CG09508060	80	60	"	"	"	"	"	1,38	Z10CG09508060	10	GKGC080060
CG10008535	85	35	99	M90x2	33	60	50	2,15	Z10CG10008535	10	GKGC085035
CG10008540	85	40	"	"	"	"	"	2,00	Z10CG10008540	10	GKGC085040
CG10008545	85	45	"	"	"	"	"	1,85	Z10CG10008545	10	GKGC085045
CG10008550	85	50	"	"	"	"	"	1,67	Z10CG10008550	10	GKGC085050
CG10509040	90	40	104	M95x2	33	60	50	2,31	Z05CG10509040	5	GKGC090040
CG10509045	90	45	"	"	"	"	"	2,16	Z05CG10509045	5	GKGC090045
CG10509050	90	50	"	"	"	"	"	1,99	Z05CG10509050	5	GKGC090050
CG10509060	90	60	"	"	"	"	"	1,57	Z05CG10509060	5	GKGC090060
CG11510040	100	40	114	M105x2	51	82	70	4,14	Z05CG11510040	5	GKGC100040
NEW! CGMM114100040	100	40	"	"	30	65	55	3,20	Z05CGMM114100040	5	GKGCMM100040
CG11510045	100	45	"	"	51	82	70	3,94	Z05CG11510045	5	GKGC100045
CG11510050	100	50	"	"	"	"	"	3,71	Z05CG11510050	5	GKGC100050
NEW! CGMM114100050	100	50	"	"	30	65	55	2,90	Z05CGMM114100050	5	GKGCMM100050
CG11510055	100	55	"	"	51	82	70	3,68	Z05CG11510055	5	GKGC100055
CG11510060	100	60	"	"	"	"	"	3,13	Z05CG11510060	5	GKGC100060
NEW! CGMM114100060	100	60	"	"	30	65	55	2,40	Z05CGMM114100060	5	GKGCMM100060
NEW! CG11510063	100	63	"	"	51	82	70	3,00	Z05CG11510063	5	GKGC100063
NEW! CGMM114100063	100	63	"	"	30	65	55	2,30	Z05CGMM114100063	5	GKGCMM100063
CG11510070	100	70	"	"	51	82	70	3,08	Z05CG11510070	5	GKGC100070
NEW! CGMM114100070	100	70	"	"	30	65	55	1,90	Z05CGMM114100070	5	GKGCMM100070
CG12511045	110	45	124	M115x2	41	72	60	4,60			GKGC110045
CG12511050	110	50	"	"	"	"	"	4,40			GKGC110050
CG12511060	110	60	124	M115x2	51	82	70	4,90			GKGC110060
CG12511070	110	70	"	"	"	"	"	4,70			GKGC110070
CG14012050	120	50	139	M125x2	49	82	70	6,37			GKGC120050
CG14012060	120	60	"	"	"	"	"	5,30			GKGC120060
CG14012070	120	70	"	"	"	"	"	4,57			GKGC120070
NEW! CG14012080	120	80	"	"	"	"	"	4,00			GKGC120080
CG14512560	125	60	144	M130x2	59	92	80	6,63			GKGC125060
CG14512570	125	70	"	"	"	"	"	5,83			GKGC125070
CG14512580	125	80	"	"	"	"	"	5,20			GKGC125080
NEW! CG14512590	125	90	"	"	"	"	"	4,20			GKGC125090
CG16014070	140	70	159	M145x2	59	92	80	9,12			GKGC140070
CG16014080	140	80	"	"	"	"	"	8,40			GKGC140080
CG17015070	150	70	169	M155x2	69	102	90	10,58			GKGC150070
CG17015080	150	80	"	"	"	"	"	9,75			GKGC150080
CG18016080	160	80	179	M165x2	69	102	90	13,10			GKGC160080
CG18016090	160	90	"	"	"	"	"	12,07			GKGC160090
CG30180100	180	100	210	M188x2,5	58	110	92	15,82			GKGC3180100
CG30180120	180	120	"	"	"	"	"	12,65			GKGC3180120
CG30200100	200	100	218	M208x2,5	58	110	92	20,59			GKGC3200100
CG30200120	200	120	"	"	"	"	"	17,40			GKGC3200120
CG30250120	250	120	268	M258x2,5	80	135	117	40,00			GKGC3250120
CG30250150	250	150	"	"	"	"	"	33,00			GKGC3250150

MATERIALE - MATERIAL:

GHISA OLEODINAMICA - HYDRAULIC CAST IRON - HYDRAULIKGUSS UNI 5007-G25

* ALLUMINIO - ALUMINIUM UNI 2011-11S

La versione a 2 fori frontali è disponibile da ØAL.30 a ØAL.100 fino ad esaurimento scorte.

The version with 2 front holes is available from ØAL.30 to ØAL.100 till stock lasts.

Die Ausführung mit 2 Bohrungen vorne ist vom ØAL.30 bis ØAL.100 solange der Vorrat reicht verfügbar.

GUARNIZIONI: VEDI PAGINA 90-91

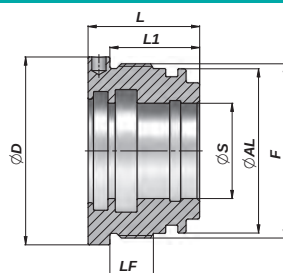
SEALS: SEE PAGE 90-91

DICHTUNGEN: SIEHE SEITE 90-91

CGMM: NON CONFORME PER "STL" STANDARD

CGMM: NOT SUITABLE FOR STANDARD "STL"

CGMM: FÜR STANDARD "STL" NICHT GEEIGNET

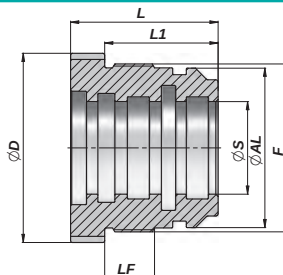
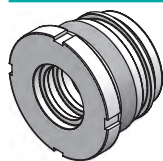


C200

Codice Code Bestell-Nr.	ØAL	ØS	ØD	F	LF	L	L1	kg	Confezione Box Verpackung	Pz Pcs Stk	Set guarnizioni Seal kits Dichtsätze
CGLM049040020	40	20	49	M44x1,5	11	33	26	0,22	Z50CGLM040020	50	GKGCGLM040020
CGLM049040025	40	25	"	"	"	"	"	0,18	Z50CGLM040025	50	GKGCGLM040025
CGLM059050025	50	25	59	M,54x1,5	13	36	28	0,38	Z25CGLM050025	25	GKGCGLM050025
CGLM059050030	50	30	"	"	"	"	"	0,31	Z25CGLM050030	25	GKGCGLM050030
CGLM069060030	60	30	69	M64x1,5	16	41	33	0,62	Z25CGLM060030	25	GKGCGLM060030
CGLM069060035	60	35	"	"	"	"	"	0,53	Z25CGLM060035	25	GKGCGLM060035
CGLM079070035	70	35	79	M74x1,5	16	41	33	0,84	Z20CGLM070035	20	GKGCGLM070035
CGLM079070040	70	40	"	"	"	"	"	0,73	Z20CGLM070040	20	GKGCGLM070040
CGLM092080040	80	40	92	M85x2	18	46	36	1,25	Z10CGLM080040	10	GKGCGLM080040
CGLM092080050	80	50	"	M85x2	"	"	"	1,00	Z10CGLM080050	10	GKGCGLM080050
CGLM114100050	100	50	114	M105x2	22	55	45	2,30	Z10CGLM100050	10	GKGCGLM100050
CGLM114100060	100	60	"	M105x2	"	"	"	1,95	Z10CGLM100060	10	GKGCGLM100060

MATERIALE - MATERIAL:
GHISA OLEODINAMICA - HYDRAULIC CAST IRON - HYDRAULIKGUSS UNI 5007-G25

GUARNIZIONI: VEDI PAGINA 92
SEALS: SEE PAGE 92 - DICHTUNGEN: SIEHE SEITE 92



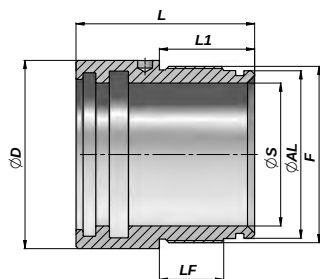
P350

Codice Code Bestell-Nr.	ØAL	ØS	ØD	F	LF	L	L1	kg	Confezione Box Verpackung	Pz Pcs Stk	Set guarnizioni Seal kits Dichtsätze
NEW! CGPM065050025	50	25	64	M54x1,5	22	55	45	0,66	Z25CGPM050025	25	GKGCGLM050025
NEW! CGPM065050030	50	30	"	"	"	"	"	0,55	Z25CGPM050030	25	GKGCGLM050030
NEW! CGPM065050035	50	35	"	"	"	"	"	0,41	Z25CGPM050035	25	GKGCGLM050035
NEW! CGPM075060030	60	30	74	M64x1,5	22	60	48	0,99	Z20CGPM060030	20	GKGCGLM060030
NEW! CGPM075060035	60	35	"	"	"	"	"	0,86	Z20CGPM060035	20	GKGCGLM060035
CGPM075060040	60	40	"	"	"	"	"	0,70	Z20CGPM060040	20	GKGCGLM060040
CGPM085070040	70	40	84	M74x1,5	22	65	50	1,27	Z05CGPM070040	5	GKGCGLM070040
CGPM100080045	80	45	94	M85x2	25	75	60	1,95	Z05CGPM080045	5	GKGCGLM080045
CGPM100080050	80	50	"	"	"	"	"	1,70	Z05CGPM080050	5	GKGCGLM080050
CGPM110090045	90	45	109	M95x2	25	75	60	2,80	Z05CGPM090045	5	GKGCGLM090045
CGPM110090050	90	50	"	"	"	"	"	2,57	Z05CGPM090050	5	GKGCGLM090050
NEW! CGPM110090060	90	60	"	"	"	"	"	2,00	Z05CGPM090060	5	GKGCGLM090060
NEW! CGPM120100045	100	45	119	M105x2	25	75	60	3,80	Z05CGPM100045	5	GKGCGLM100045
CGPM120100050	100	50	"	"	"	"	"	3,45	Z05CGPM100050	5	GKGCGLM100050
CGPM120100060	100	60	"	"	"	"	"	2,90	Z05CGPM100060	5	GKGCGLM100060
CGPM130110050	110	50	129	M115x2	30	85	70	5,00			GKGCGLM110050
CGPM130110060	110	60	"	"	"	"	"	4,42			GKGCGLM110060
CGPM140120060	120	60	139	M125x2	30	85	70	5,70			GKGCGLM120060
CGPM140120070	120	70	"	"	"	"	"	4,90			GKGCGLM120070
NEW! CGPM140120080	120	80	"	"	"	"	"	3,96			GKGCGLM120080
NEW! CGPM145125070	125	70	144	M130x2	39	90	75	5,99			GKGCGLM125070
NEW! CGPM145125080	125	80	"	"	"	"	"	4,95			GKGCGLM125080
CGPM160140080	140	80	159	M145x2	40	90	75	7,20			GKGCGLM140080
NEW! CGPM160140090	140	90	"	"	"	"	"	6,21			GKGCGLM140090
CGPM160140100	140	100	"	"	"	"	"	5,00			GKGCGLM140100
NEW! CGPM170150080	150	80	169	M155x2	46	100	85	9,85			GKGCGLM150080
NEW! CGPM170150090	150	90	"	"	"	"	"	8,73			GKGCGLM150090
NEW! CGPM170150100	150	100	"	"	"	"	"	7,49			GKGCGLM150100
CGPM180160100	160	100	179	M165x2	46	100	85	9,40			GKGCGLM160100
CGPM180160120	160	120	"	"	"	"	"	6,40			GKGCGLM160120

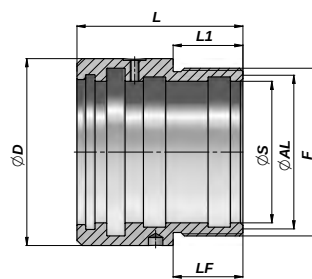
MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL: UNI C40

GUARNIZIONI: VEDI PAGINA 92
SEALS: SEE PAGE 92 - DICHTUNGEN: SIEHE SEITE 92

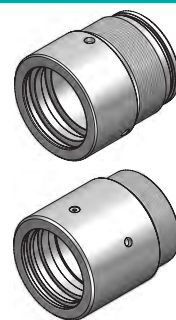
M250



TYPE 1



TYPE 2



Codice Code Bestell-Nr.	Type	ØS	ØAL	ØD	F	LF	L	L1	kg	Confezione Box Verpackung	Pz Pcs Stk	Set guarnizioni Seal kits Dichtsätze
CGT0200300	1	20	30	39	M34x1,5	15	57	27	0,29	Z25CGT0200300	25	GKGT020030
CGT0250350	1	25	35	44	M39x1,5	19	65	32	0,33	Z25CGT0250350	25	GKGT025035
CGT0300400	1	30	40	49	M44x1,5	19	65	32	0,38	Z25CGT0300400	25	GKGT030040
CGT0350450	1	35	45	54	M49x1,5	19	65	32	0,44	Z12CGT0350450	12	GKGT035045
CGT0400500	1	40	50	59	M54x1,5	22	70	35	0,51	Z12CGT0400500	12	GKGT040050
CGT0450550	1	45	55	64	M60x1,5	22	70	35	0,59	Z12CGT0450550	12	GKGT045055
CGT0500600	1	50	60	69	M64x1,5	22	75	40	0,64	Z12CGT0500600	12	GKGT050060
CGT0600700	1	60	70	79	M74x1,5	27	75	40	0,75	Z10CGT0600700	10	GKGT060070
CGT0700900	2	70	85	100	M90x2	30	90	30	1,92	Z05CGT0700900	5	GKGT070000
CGT0800960	2	80	90	107	M96x2	40	95	40	1,98	Z05CGT0800960	5	GKGT080000
CGT1001240	2	100	120	138,5	M124x2	42	157	42	7,10	Z03CGT1001240	3	GKGT100000

MATERIALE - MATERIAL:

TYPE 1: GHISA OLEODINAMICA - HYDRAULIC CAST IRON - HYDRAULIKGUSS UNI 5007-G25

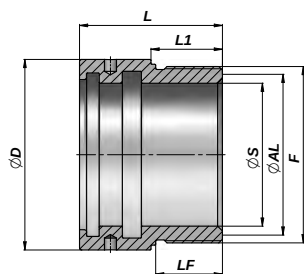
TYPE 2: ACCIAIO - STEEL - STAHL S1 52.3 / UNI C40

GUARNIZIONI: VEDI PAGINA 93

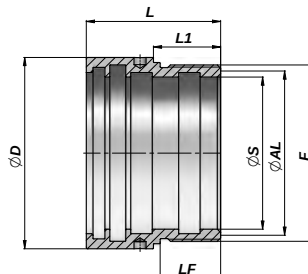
SEALS: SEE PAGE 93

DICHUNGEN: SIEHE SEITE 93

M250



TYPE 1



TYPE 2



Codice Code Bestell-Nr.	Type	ØS	ØAL	ØD	F	LF	L	L1	kg	Confezione Box Verpackung	Pz Pcs Stk	Set guarnizioni Seal kits Dichtsätze
CGHFRT0020	1	20	30	40	M34x1,5	18	42	20	0,21	Z50CGHFRT0020	50	GKGFRT0020
CGHFRT0025	1	25	30	40	M34x1,5	18	42	20	0,15	Z50CGHFRT0025	50	GKGFRT0025
CGHFRT0030	1	30	40	50	M44x1,5	19	46	21	0,33	Z50CGHFRT0030	50	GKGFRT0030
CGHFRT0035	1	35	40	50	M44x1,5	19	46	21	0,22	Z50CGHFRT0035	50	GKGFRT0035
CGHFRT0040	1	40	50	60	M54x1,5	28	59	30	0,52	Z25CGHFRT0040	25	GKGFRT0040
CGHFRT0045	1	45	50	60	M54x1,5	28	59	30	0,37	Z25CGHFRT0045	25	GKGFRT0045
CGHFRT0050	1	50	60	70	M64x1,5	28	60	30	0,62	Z25CGHFRT0050	25	GKGFRT0050
CGHFRT0060	1	60	70	80	M74x1,5	28	60	30	0,73	Z20CGHFRT0060	20	GKGFRT0060
CGHFRT0070	2	70	80	95	M85x2	32	70	35	1,00	Z05CGHFRT0070	5	GKGFRT0070
CGHFRT0080	2	80	90	105	M95x2	36	80	40	1,41	Z05CGHFRT0080	5	GKGFRT0080
CGHFRT0090	2	90	100	115	M105x2	36	80	40	1,49	Z05CGHFRT0090	5	GKGFRT0090
CGHFRT0100	2	100	110	125	M115x2	45	100	50	2,10	Z03CGHFRT0100	3	GKGFRT0100

MATERIALE - MATERIAL:

TYPE 1: ACCIAIO 9SMn28 CON TRATTAMENTO "NI-TEMPER"

STEEL 9SMn28 WITH "NI-TEMPER" TREATMENT

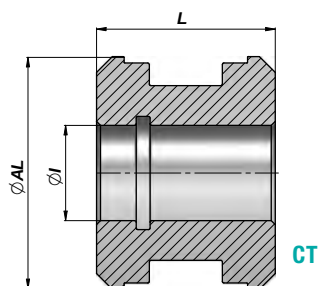
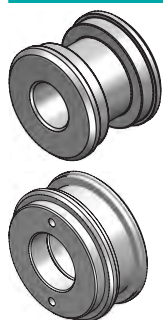
STAHL 9SMn28 MIT "NI-TEMPER-BEHANDLUNG"

TYPE 2: ACCIAIO - STEEL - STAHL S1 52.3 / UNI C40

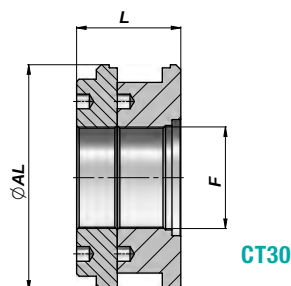
GUARNIZIONI: VEDI PAGINA 93

SEALS: SEE PAGE 93

DICHUNGEN: SIEHE SEITE 93



CT



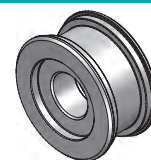
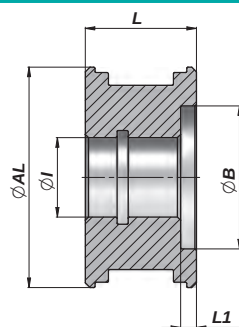
CT30

Codice Code Bestell-Nr.	ØAL	ØI - F	L	kg	Confezione Box Verpackung	Pz Pcs Stk	Set guarnizioni Seal kits Dichtsätze
*CT00030013	30	13	24,7	0,02	Z00CT00030013	100	GKGCT030013
CT00032013	32	13	30	0,10	Z00CT00032013	100	GKGCT032013
CT00032015	32	15	30	0,09	Z00CT00032015	100	GKGCT032015
CT00035015	35	15	40	0,16	Z50CT00035015	50	GKGCT035015
CT00040015	40	15	40	0,23	Z50CT00040015	50	GKGCT040015
CT00045015	45	15	40	0,31	Z50CT00045015	50	GKGCT045015
CT00050015	50	15	40	0,36	Z50CT00050015	50	GKGCT050015
CT00050020	50	20	40	0,31	Z50CT00050020	50	GKGCT050020
CT00055020	55	20	40	0,42	Z25CT00055020	25	GKGCT055020
CT00060020	60	20	50	0,71	Z25CT00060020	25	GKGCT060020
CT00060024	60	24	45	0,56	Z25CT00060024	25	GKGCT060024
CT00060027	60	27	50	0,61	Z25CT00060027	25	GKGCT060027
CT00063020	63	20	50	0,81	Z25CT00063020	25	GKGCT063020
CT00063024	63	24	45	0,65	Z25CT00063024	25	GKGCT063024
CT00065020	65	20	50	0,88	Z25CT00065020	25	GKGCT065020
CT00065024	65	24	45	0,72	Z25CT00065024	25	GKGCT065024
CT00070020	70	20	50	0,94	Z25CT00070020	25	GKGCT070020
CT00070024	70	24	45	0,78	Z25CT00070024	25	GKGCT070024
CT00070027	70	27	50	0,83	Z25CT00070027	25	GKGCT070027
CT00075024	75	24	45	0,95	Z20CT00075024	20	GKGCT075024
CT00075027	75	27	50	1,00	Z20CT00075027	20	GKGCT075027
CT00080024	80	24	45	1,11	Z20CT00080024	20	GKGCT080024
CT00080027	80	27	50	1,23	Z20CT00080027	20	GKGCT080027
CT00085024	85	24	45	1,30	Z10CT00085024	10	GKGCT085024
CT00085027	85	27	50	1,43	Z10CT00085027	10	GKGCT085027
CT00090027	90	27	50	1,66	Z10CT00090027	10	GKGCT090027
CT00090033	90	33	50	1,55	Z10CT00090033	10	GKGCT090033
CT00100027	100	27	50	2,06	Z10CT00100027	10	GKGCT100027
CT00100033	100	33	50	1,95	Z10CT00100033	10	GKGCT100033
CT00110033	110	33	50	2,49			GKGCT110033
CT00110040	110	40	50	2,33			GKGCT110040
CT00120040	120	40	50	2,95			GKGCT120040
CT00125040	125	40	50	3,19			GKGCT125040
CT00140040	140	40	58	5,07			GKGCT140040
CT00150040	150	40	58	5,97			GKGCT150040
CT00160051	160	51	58	6,60			GKGCT160051
** CT11180080	180	M80x2	82	9,80			GKG11180F80
** CT11200080	200	M80x2	82	13,00			GKG11200F80
** CT11250080	250	M98x2	82	21,70			GKG11250F98

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL 9SMn28
* ALLUMINIO - ALUMINIUM UNI 2011-11S
** ACCIAIO - STEEL - STAHL UNI C40

GUARNIZIONI: VEDI PAGINA 90-91
SEALS: SEE PAGE 90-91
DICHTUNGEN: SIEHE SEITE 90-91

C200

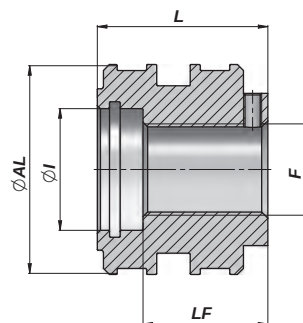


Codice Code Bestell-Nr.	ØAL	ØI	L	ØB	L1	kg	Confezione Box Verpackung	Pz Pcs Stk	Set guarnizioni Seal kits Dichtsätze
CTLM040015027	40	15	27	27	5	0,15	Z50CTLM040015	50	GKGCTLM040015
CTLM050021030	50	21	30	36	5	0,25	Z50CTLM050021	50	GKGCTLM050021
CTLM060025035	60	25	35	45	5	0,40	Z25CTLM060025	25	GKGCTLM060025
CTLM070025035	70	25	35	45	5	0,59	Z25CTLM070025	25	GKGCTLM070025
CTLM080028040	80	28	40	50	6	0,95	Z20CTLM080028	20	GKGCTLM080028
CTLM100035040	100	35	40	60	6	1,60	Z10CTLM100035	10	GKGCTLM100035

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL 9SMn28

GUARNIZIONI: VEDI PAGINA 93
SEALS: SEE PAGE 93 - DICHTUNGEN: SIEHE SEITE 93

P350



Codice Code Bestell-Nr.	ØAL	F	LF	L	ØI	kg	Confezione Box Verpackung	Pz Pcs Stk	Set guarnizioni Seal kits Dichtsätze
CTPM050021040	50	M20x1,5	28	40	21	0,40	Z50CTPM050021	50	GKGCTPM050021
CTPM060030045	60	M27x2	30	45	30	0,60	Z25CTPM060030	25	GKGCTPM060030
CTPM070040056	70	M30x2	41	56	40	1,00	Z25CTPM070040	25	GKGCTPM070040
CTPM080040056	80	M30x2	41	56	40	1,40	Z10CTPM080040	10	GKGCTPM080040
CTPM090038055	90	M36x3	40	55	38	1,80	Z10CTPM090038	10	GKGCTPM090038
CTPM100045056	100	M42x2	41	56	45	2,20	Z10CTPM100045	10	GKGCTPM100045
CTPM110050070	110	M48x3	55	70	50	3,40			GKGCTPM110050
CTPM120050070	120	M48x3	55	70	50	4,10			GKGCTPM120050
CTPM125050070	125	M48x3	55	70	51	4,40			GKGCTPM125050
CTPM140050075	140	M48x3	57	75	50	6,00			GKGCTPM140050
CTPM150056080	150	M52x3	60	80	56	7,50			GKGCTPM150056
CTPM160056080	160	M52x3	60	80	56	8,50			GKGCTPM160056

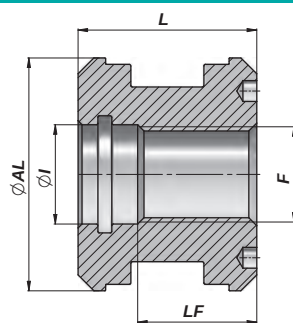
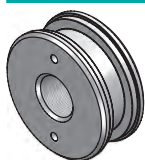
MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL UNI C40

GUARNIZIONI: VEDI PAGINA 93
SEALS: SEE PAGE 93 - DICHTUNGEN: SIEHE SEITE 93

CTF

PISTONE FILETTATO
THREADED PISTON
KOLBEN MIT GEWINDE

M250



Codice Code Bestell-Nr.	ØAL	F	LF	L	ØI	kg	Confezione Box Verpackung	Pz Pcs Stk	Set guarnizioni Seal kits Dichtsätze
*CTF2510125	25	M10x1,5	17,5	25	11	0,01	Z00CTF2510125	100	GKGF025010
CTF0401615	40	M16x1,5	30	40	17	0,22	Z50CTF0401615	50	GKGF040016
CTF0502015	50	M20x1,5	28	40	21	0,31	Z50CTF0502015	50	GKGF050020
CTF0602420	60	M24x2	30	45	25	0,58	Z25CTF0602420	25	GKGF060024
CTF0632420	63	M24x2	30	45	25	0,66	Z25CTF0632420	25	GKGF063024
CTF0702420	70	M24x2	30	45	25	0,78	Z25CTF0702420	25	GKGF070024
CTF0802720	80	M27x2	30	45	28	1,08	Z20CTF0802720	20	GKGF080027
CTF0903320	90	M33x2	35	50	35	1,57	Z10CTF0903320	10	GKGF090033
CTF1003320	100	M33x2	35	50	35	2,18	Z10CTF1003320	10	GKGF100033
CTF1103930	110	M39x3	35	50	42	2,40			GKGF110039
CTF1204230	120	M42x3	35	50	45	3,00			GKGF120042
CTF1254230	125	M42x3	35	50	45	3,20			GKGF125042
CTF1404830	140	M48x3	40	58	51	4,90			GKGF140048
CTF1504830	150	M48x3	40	58	51	5,80			GKGF150048
CTF1605230	160	M52x3	40	58	54	6,70			GKGF160052

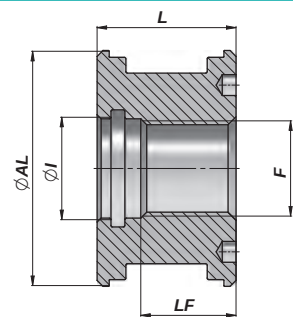
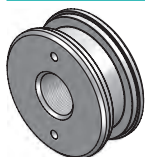
MATERIALE - MATERIAL:
 ACCIAIO - STEEL - STAHL 9SMn28
 * ALLUMINIO - ALUMINIUM UNI2011-11S

GUARNIZIONI: VEDI PAGINA 94
 SEALS: SEE PAGE 94 - DICHTUNGEN: SIEHE SEITE 94

CTBF

PISTONE FILETTATO
THREADED PISTON
KOLBEN MIT GEWINDE

M250



Codice Code Bestell-Nr.	ØAL	F	LF	L	ØI	kg	Confezione Box Verpackung	Pz Pcs Stk	Set guarnizioni Seal kits Dichtsätze
CTBF040M16	40	M16x1,5	19	27	17	0,17	Z00CTBF040M16	100	GKGB040016
CTBF050M20	50	M20x1,5	21	30	21	0,29	Z50CTBF050M20	50	GKGB050020
CTBF060M24	60	M24x2	24	35	25	0,45	Z25CTBF060M24	25	GKGB060024
CTBF063M24	63	M24x2	23	35	25	0,50	Z25CTBF063M24	25	GKGB063024
CTBF070M24	70	M24x2	24	35	25	0,70	Z25CTBF070M24	25	GKGB070024
CTBF080M27	80	M27x2	26	40	28	1,06	Z20CTBF080M27	20	GKGB080027
CTBF100M33	100	M33x2	26	40	35	1,76	Z10CTBF100M33	10	GKGB100033

MATERIALE - MATERIAL:
 ALLUMINIO - ALUMINIUM UNI 2011-11S

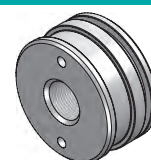
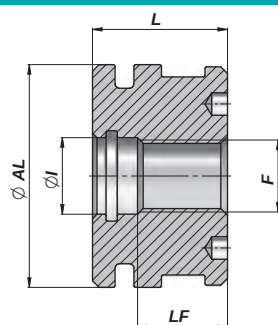
GUARNIZIONI: VEDI PAGINA 94
 SEALS: SEE PAGE 94 - DICHTUNGEN: SIEHE SEITE 94

PISTONE FILETTATO PER "GER"
THREADED PISTON FOR "GER"
KOLBEN MIT GEWINDE FÜR "GER"

NEW!

CTFG

M250



Codice Code Bestell-Nr.	ØAL	F	LF	L	ØI	kg	Confezione Box Verpackung	Pz Pcs Stk	Set guarnizioni Seal kits Dichtsätze
CTFG040016150	40	M16x1,5	20	30	17	0,20	Z00CTFG040016150	100	GKGCTFG040016
CTFG050016150	50	M16x1,5	20	30	17	0,30	Z50CTFG050016150	50	GKGCTFG050016
CTFG060024200	60	M24x2	23	35	25	0,60	Z25CTFG060024200	25	GKGCTFG060024
CTFG070024200	70	M24x2	23	35	25	0,80	Z25CTFG070024200	25	GKGCTFG070024
CTFG080027200	80	M27x2	28	40	28	1,20	Z20CTFG080027200	20	GKGCTFG080027
CTFG100033200	100	M33x2	30	45	35	2,20	Z10CTFG100033200	10	GKGCTFG100033

MATERIALE - MATERIAL:
 ACCIAIO - STEEL - STAHL 9SMn28

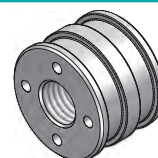
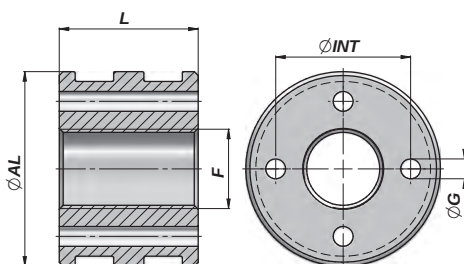
GUARNIZIONI: VEDI PAGINA 94
 SEALS: SEE PAGE 94 - DICHTUNGEN: SIEHE SEITE 94

PISTONE DI GUIDA PER CILINDRO TUFFANTE
PISTON FOR PLUNGER CYLINDER
FÜHRUNGSKOLBEN FÜR PLUNGERZYLINDER

NEW!

CTT

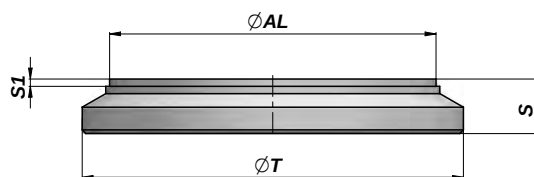
M250



Codice Code Bestell-Nr.	ØAL	F	L	ØG	ØINT	kg	Confezione Box Verpackung	Pz Pcs Stk	Set guarnizioni Seal kits Dichtsätze
CTT0301215	30	M12x1,5	35	Ø 3 x 4	20	0,10	Z50CTT0301215	50	GKGCTT03012
CTT0351415	35	M14x1,5	35	Ø 4 x 4	23	0,20	Z50CTT0351415	50	GKGCTT03514
CTT0401415	40	M14x1,5	35	Ø 4 x 4	27	0,30	Z50CTT0401415	50	GKGCTT04014
CTT0451615	45	M16x1,5	35	Ø 4 x 4	32	0,30	Z50CTT0451615	50	GKGCTT04516
CTT0502015	50	M20x1,5	35	Ø 5 x 4	34	0,40	Z50CTT0502015	50	GKGCTT05020
CTT0552015	55	M20x1,5	40	Ø 5 x 4	38	0,50	Z25CTT0552015	25	GKGCTT05520
CTT0602015	60	M20x1,5	40	Ø 6 x 4	42	0,60	Z25CTT0602015	25	GKGCTT06020
CTT0702420	70	M24x2	45	Ø 7 x 4	50	1,00	Z25CTT0702420	25	GKGCTT07024
CTT0802720	80	M27x2	45	Ø 7 x 4	60	1,40	Z20CTT0802720	20	GKGCTT08027
CTT0852720	85	M27x2	45	Ø 7 x 4	65	1,60	Z10CTT0852720	10	GKGCTT08527
CTT0903320	90	M33x2	50	Ø 7 x 6	68	1,90	Z10CTT0903320	10	GKGCTT09033
CTT1003320	100	M33x2	50	Ø 8 x 6	76	2,40	Z10CTT1003320	10	GKGCTT10033
CTT1103930	110	M39x3	55	Ø 8 x 6	86	3,30			GKGCTT11039
CTT1203930	120	M39x3	55	Ø 10 x 6	93	4,00			GKGCTT12039

MATERIALE - MATERIAL:
 ACCIAIO - STEEL - STAHL 9SMn28

GUARNIZIONI: VEDI PAGINA 94
 SEALS: SEE PAGE 94 - DICHTUNGEN: SIEHE SEITE 94



Codice Code Bestell-Nr.	ØAL	ØT	S	S1	kg	Confezione Box Verpackung	Pz Pcs Stk
CF00025035	25	35	7	2	0,04	Z0CCF00025035	250
CF00030040	30	40	8	2	0,06	Z0CCF00030040	250
CF00032042	32	42	8	2	0,10	Z0CCF00032042	250
CF00035045	35	45	10	2	0,11	Z0BCF00035045	200
CF00040050	40	50	10	2	0,13	Z0ACF00040050	150
CF00045055	45	55	10	2	0,16	Z00CF00045055	100
CF00050060	50	60	10	2	0,19	Z00CF00050060	100
CF00055065	55	65	12	2	0,28	Z50CF00055065	50
CF00060070	60	70	12	2	0,33	Z50CF00060070	50
CF00063073	63	73	12	2	0,35	Z50CF00063073	50
CF00065075	65	75	12	2	0,38	Z50CF00065075	50
CF00065080	65	80	12	2	0,40	Z50CF00065080	50
CF00070080	70	80	12	2	0,43	Z50CF00070080	50
CF00070085	70	85	12	2	0,45	Z25CF00070085	25
CF00075090	75	90	12	2	0,53	Z25CF00075090	25
CF00080090	80	90	12	2	0,55	Z25CF00080090	25
CF00080095	80	95	12	2	0,58	Z25CF00080095	25
CF00085100	85	100	15	2	0,77	Z25CF00085100	25
CF00090105	90	105	15	2	0,86	Z25CF00090105	25
CF00100115	100	115	15	2	1,05	Z25CF00100115	25
CF00110125	110	125	15	2	1,34		
CF00110130	110	130	15	2	1,40		
CF00120140	120	140	18	2	2,00		
CF00125145	125	145	18	2	2,11		
CF00140160	140	160	18	2	2,67		
CF00150170	150	170	20	2	3,33		
CF00160180	160	180	20	2	3,79		

MATERIALE - MATERIAL:

ACCIAIO - STEEL - STAHL S355JO (Fe510C) - S355JR (A105)

QUESTI FONDELLI POSSONO FLETTERE SE SOTTOPOSTI A PICCHI DI PRESSIONE. RACCOMANDIAMO DI SALDARE QUALCHE TERMINALE PER AUMENTARNE LA RIGIDITÀ OPPURE UTILIZZARE I FONDELLI INTERNI TIPO "CFI".

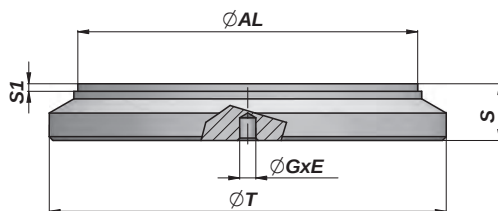
THESE PLUGS CAN BEND UNDER PEAK PRESSURE. WE RECOMMEND TO WELD ENDS TO ACHIEVE EXTRA RIGIDITY OTHERWISE USE INTERNAL END-PLUGS "CFI" TYPE.

DIESE ZYLINDERBÖDEN KÖNNEN BEI DRUCKSPITZEN AUSWÖLBEN. ZUR VERSTÄRKUNG BEFESTIGUNGEN ANSCHWEISSEN ODER INNENBÖDEN TYP "CFI" ANWENDEN.

PER CONDIZIONI DI LAVORO A CICLO CONTINUO UTILIZZARE I FONDELLI "CFPM".

IN CASE OF CONTINUOUS WORK PLEASE USE "CFPM" END-PLUGS.

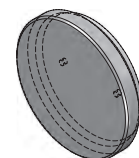
BEI BETRIEBSBEDINGUNGEN MIT DAUERNDEN ZYKLUS BÖDEN "CFPM" ANWENDEN.



	Codice Code Bestell-Nr.	ØAL	ØT	S	S1	ØG x E	kg	Confezione Box Verpackung	Pz Pcs Stk
NEW!	CFC0025035	25	35	7	2	Ø 3,25 x 3	0,04	Z0CCFC0025035	250
NEW!	CFC0030040	30	40	8	2	Ø 4,25 x 5	0,06	Z0CCFC0030040	250
NEW!	CFC0032042	32	42	8	2	Ø 4,25 x 5	0,06	Z0CCFC0032042	250
NEW!	CFC0035045	35	45	10	2	Ø 4,25 x 5	0,10	Z0BCFC0035045	200
	CFC0040050	40	50	10	2	Ø 4,25 x 5	0,13	Z0ACFC0040050	150
NEW!	CFC0045055	45	55	10	2	Ø 4,25 x 5	0,16	Z00CFC0045055	100
	CFC0050060	50	60	10	2	Ø 4,25 x 5	0,19	Z00CFC0050060	100
NEW!	CFC0055065	55	65	12	2	Ø 4,25 x 6	0,28	Z50CFC0055065	50
	CFC0060070	60	70	12	2	Ø 4,25 x 6	0,33	Z50CFC0060070	50
	CFC0063073	63	73	12	2	Ø 4,25 x 6	0,40	Z50CFC0063073	50
NEW!	CFC0065075	65	75	12	2	Ø 4,25 x 6	0,38	Z50CFC0065075	50
NEW!	CFC0065080	65	80	12	2	Ø 4,25 x 6	0,40	Z50CFC0065080	50
	CFC0070080	70	80	12	2	Ø 4,25 x 6	0,43	Z50CFC0070080	50
NEW!	CFC0070085	70	85	12	2	Ø 4,25 x 6	0,45	Z25CFC0070085	25
NEW!	CFC0075090	75	90	12	2	Ø 4,25 x 6	0,53	Z25CFC0075090	25
	CFC0080090	80	90	12	2	Ø 4,25 x 6	0,55	Z25CFC0080090	25
	CFC0080095	80	95	12	2	Ø 4,25 x 6	0,58	Z25CFC0080095	25
NEW!	CFC0085100	85	100	15	2	Ø 4,25 x 6	0,77	Z25CFC0085100	25
NEW!	CFC0090105	90	105	15	2	Ø 4,25 x 6	0,90	Z25CFC0090105	25
	CFC0100115	100	115	15	2	Ø 4,25 x 6	1,05	Z25CFC0100115	25
NEW!	CFC0110125	110	125	15	2	Ø 6,25 x 8	1,34		
NEW!	CFC0110130	110	130	15	2	Ø 6,25 x 8	1,40		
NEW!	CFC0120140	120	140	18	2	Ø 6,25 x 8	2,00		
NEW!	CFC0125145	125	145	18	2	Ø 6,25 x 8	2,11		

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL S355J0 (Fe510C) - S355JR (A105)

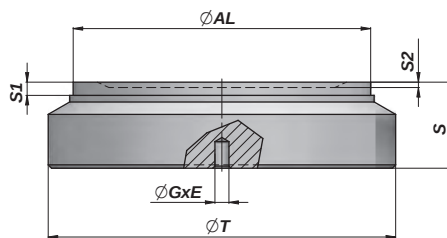
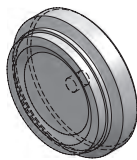
FONDELLO INTERNO FILETTATO
INTERNAL THREADED END-PLUG
INNENBODEN MIT GEWINDE



Codice Code Bestell-Nr.	ØAL	F	S	kg
CF00180185	180	M185x2,5	35	6,85
CF00200205	200	M205x2,5	48	11,60
CF00250255	250	M255x2,5	48	18,18

Ø AL = TUBO: ALESAGGIO - TUBE: BORE - ZYLINDERROHR: INNEN Ø

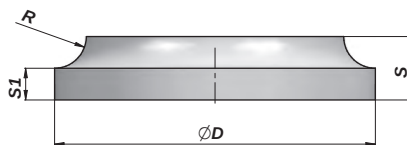
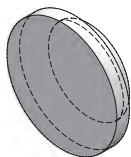
MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL UNI C40



	Codice Code Bestell-Nr.	ØAL	ØT	S	S1	S2	ØG x E	kg	Confezione Box Verpackung	Pz Pcs Stk
	CFPM060050017	50	60	17	4	2	ø 4,25 x 8	0,30	Z50CFPM060050	50
NEW!	CFPM065050017	50	65	17	4	-	ø 4,25 x 8	0,36	Z50CFPM065050	50
	CFPM070060019	60	70	19	4	2	ø 4,25 x 8	0,50	Z50CFPM070060	50
NEW!	CFPM075060019	60	75	19	4	-	ø 4,25 x 8	0,56	Z25CFPM075060	25
	CFPM080070022	70	80	22	4	2	ø 4,25 x 8	0,80	Z20CFPM080070	20
	CFPM085070022	70	85	22	4	2	ø 4,25 x 8	0,85	Z20CFPM085070	20
	CFPM090075022	75	90	22	4	-	ø 4,25 x 8	1,00	Z20CFPM090075	20
	CFPM095080025	80	95	25	4	2	ø 4,25 x 8	1,20	Z20CFPM095080	20
	CFPM100085025	85	100	25	4	-	ø 4,25 x 8	1,40	Z10CFPM100085	10
	CFPM105090026	90	105	26	4	-	ø 4,25 x 8	1,60	Z10CFPM105090	10
	CFPM110090026	90	110	26	4	-	ø 4,25 x 8	1,70	Z10CFPM110090	10
	CFPM115100030	100	115	30	4	2	ø 6,25 x 12	2,20	Z10CFPM115100	10
	CFPM120100030	100	120	30	4	2	ø 6,25 x 12	2,30		
	CFPM125110031	110	125	31	7	-	ø 6,25 x 12	2,80		
	CFPM130110031	110	130	31	7	-	ø 6,25 x 12	3,00		
	CFPM140120034	120	140	34	7	-	ø 6,25 x 12	3,70		
NEW!	CFPM145120034	120	145	34	7	-	ø 6,25 x 12	3,90		
	CFPM145125035	125	145	35	7	-	ø 6,25 x 12	4,20		
NEW!	CFPM150125035	125	150	35	7	-	ø 6,25 x 12	4,31		
	CFPM160140040	140	160	40	7	-	ø 6,25 x 12	5,90		
	CFPM170140040	140	170	40	7	-	ø 6,25 x 12	6,40		
	CFPM170150042	150	170	42	7	-	ø 6,25 x 12	7,00		
NEW!	CFPM180150042	150	180	42	7	-	ø 6,25 x 12	7,50		
	CFPM180160045	160	180	45	7	-	ø 6,25 x 12	8,50		
	CFPM190160045	160	190	45	10	-	ø 6,25 x 12	8,50		

MATERIALE - MATERIAL:

ACCIAIO - STEEL - STAHL S355J0 (Fe510C) - S355JR (A105)



	Codice Code Bestell-Nr.	ØAL	ØD	S	S1	R	kg	Confezione Box Verpackung	Pz Pcs Stk
	CFI0410012	40	41	12	5	7	0,09	Z00CFI0410012	100
	CFI0510012	50	51	12	5	7	0,15	Z00CFI0510012	100
	CFI0610015	60	61	15	7	8	0,27	Z50CFI0610015	50
NEW!	CFI0640015	63	64	15	7	8	0,30	Z50CFI0640015	50
	CFI0710015	70	71	15	7,5	7,5	0,39	Z50CFI0710015	50
	CFI0810017	80	81	17	9	8	0,60	Z25CFI0810017	25
NEW!	CFI0910017	90	91	17	9	8	0,80	Z25CFI0910017	25
	CFI1010020	100	101	20	10	10	1,10	Z20CFI1010020	20

Ø AL = TUBO: ALESAGGIO - TUBE: BORE - ZYLINDERROHR: INNEN Ø

MATERIALE - MATERIAL:

ACCIAIO - STEEL - STAHL S355J0 (Fe510C) - S355JR (A105)

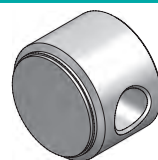
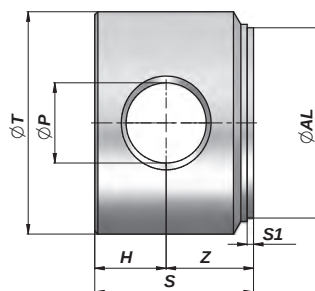
PER CILINDRI CON FLANGIA

FOR CYLINDER WITH FRONT FLANGE

FÜR ZYLINDER MIT VORDERFLANSCH

FONDELLO CON FORO
END-PLUG WITH HOLE
ZYLINDERBODEN MIT BOHRUNG

CFO

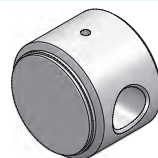
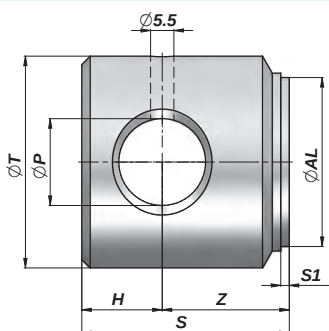


Codice Code Bestell-Nr.	ØAL	ØT	ØP	Z	H	S	S1	kg	Confezione Box Verpackung	Pz Pcs Stk
CF04005016	40	50	16,20	20	15	35	2	0,42	Z50CF04005016	50
CF05006020	50	60	20,25	25	20	45	2	0,80	Z20CF05006020	20
CF06007025	60	70	25,25	27,5	22,5	50	2	1,20	Z20CF06007025	20
CF07008025	70	80	25,25	27,5	22,5	50	2	1,60	Z10CF07008025	10
CF08009530	80	95	30,25	35	25	60	2	2,70	Z05CF08009530	5
CF10011535	100	115	35,25	40	30	70	2	4,70	Z05CF10011535	5

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL S355J0 (Fe510C) - S355JR (A105)

FONDELLO CON FORO
END-PLUG WITH HOLE
ZYLINDERBODEN MIT BOHRUNG

CFHR

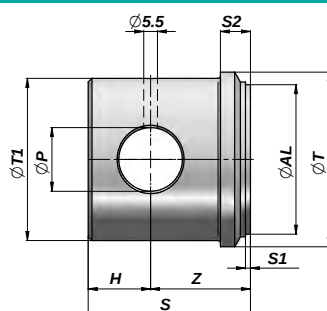


Codice Code Bestell-Nr.	ØAL	ØT	ØP	Z	H	S	S1	kg	Confezione Box Verpackung	Pz Pcs Stk
CFHR035025	25	35	12,10	18	12	30	2	0,18	Z00CFHR035025	100
CFHR040032	32	40	16,00	23	17	40	2	0,32	Z50CFHR040032	50
NEW! CFHR040020040	40	50	20,25	22	18	40	2	0,50	Z25CFHR040020040	25
CFHR050040	40	50	20,50	30	19	49	2	0,60	Z25CFHR050040	25
NEW! CFHR050025049	50	60	25,25	27	22	49	2	0,80	Z12CFHR050025049	12
CFHR060050	50	60	25,50	45	25	70	2	1,28	Z12CFHR060050	12
NEW! CFHR060025047	60	70	25,25	25	22	47	2	1,10	Z12CFHR060025047	12
CFHR070060	60	70	25,50	27	25	52	2	1,25	Z12CFHR070060	12
NEW! CFHR070030063	70	80	30,25	35	28	63	2	2,00	Z10CFHR070030063	10
CFHR080070	70	80	30,50	37	25	62	2	1,94	Z10CFHR080070	10
NEW! CFHR080030060	80	90	30,25	32	28	60	2	2,40	Z05CFHR080030060	5
CFHR090080	80	90	30,50	37	25	62	2	2,52	Z05CFHR090080	5
NEW! CFHR100030063	100	115	30,25	35	28	63	2	4,40	Z05CFHR100030063	5
CFHR115100	100	115	30,50	36	34	70	2	4,90	Z05CFHR115100	5

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL S355J0 (Fe510C) - S355JR (A105)

CFHRT

FONDELLO CON FORO
END-PLUG WITH HOLE
ZYLINDERBODEN MIT BOHRUNG

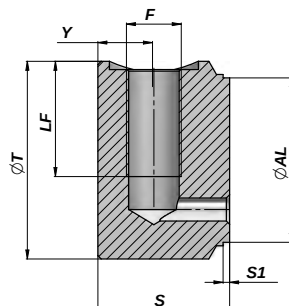


Codice Code Bestell-Nr.	ØAL	ØT	ØP	Z	H	S	S1	ØT1	S2	kg	Confezione Box Verpackung	Pz Pcs Stk
CFHRT04030	30	40	14,0	16	14	30	2	-	-	0,23	Z00CFHRT04030	100
CFHRT06050	50	60	23,0	28	22	50	2	-	-	0,90	Z25CFHRT06050	25
CFHRT07060	60	70	25,5	40	25	65	2	65	12	1,48	Z12CFHRT07060	12

MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL S355JO (Fe510C) - S355JR (A105)

CFVP

FONDELLO CON ENTRATA OLIO
END-PLUG WITH INLET PORT
ZYLINDERBODEN MIT ÖLEINLASS

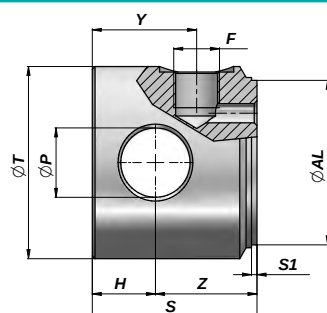


Codice Code Bestell-Nr.	ØAL	ØT	F BSP	LF	Y	S	S1	kg	Confezione Box Verpackung	Pz Pcs Stk
CFVP04005004	40	50	1/4"	30	17	40	2	0,54	Z20CFVP04005004	20
CFVP05006006	50	60	3/8"	35	17	40	2	0,77	Z25CFVP05006006	25
CFVP06007006	60	70	3/8"	35	17	40	2	1,10	Z20CFVP06007006	20
CFVP06307306	63	73	3/8"	35	17	40	2	1,17	Z10CFVP06307306	10
CFVP07008006	70	80	3/8"	35	17	40	2	1,41	Z10CFVP07008006	10
CFVP08009508	80	95	1/2"	45	20	50	2	2,49	Z10CFVP08009508	10
CFVP10011508	100	115	1/2"	45	20	50	2	3,70	Z05CFVP10011508	5

MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL S355JO (Fe510C) - S355JR (A105)

CFE

FONDELLO CON FORO ED ENTRATA OLIO
END-PLUG WITH CROSS HOLE AND INLET PORT
ZYLINDERBODEN MIT BOHRUNG UND ÖLEINLASS

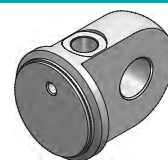
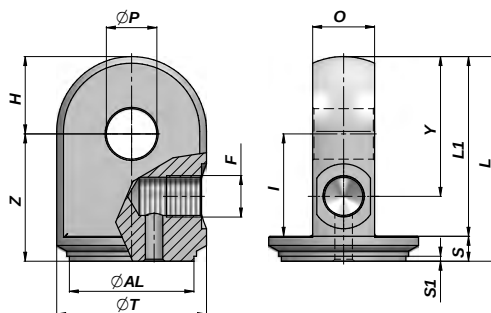


Codice Code Bestell-Nr.	ØAL	ØT	ØP	Z	H	F BSP	Y	S	S1	kg	Confezione Box Verpackung	Pz Pcs Stk
CFE0400504	40	50	16,20	35	15	1/4"	30	50	2	0,60	Z25CFE0400504	25
CFE0500606	50	60	20,25	40	20	3/8"	38	60	2	1,10	Z10CFE0500606	10
CFE0600706	60	70	25,25	37	23	3/8"	38	60	2	1,40	Z10CFE0600706	10
CFE0700806	70	80	25,25	37	23	3/8"	38	60	2	1,95	Z10CFE0700806	10
CFE0800958	80	95	30,25	50	25	1/2"	47	75	2	2,50	Z05CFE0800958	5
CFE1001158	100	115	35,25	45	30	1/2"	47	75	2	4,50	Z05CFE1001158	5

MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL S355JO (Fe510C) - S355JR (A105)

FONDELLO A CERNIERA CON ENTRATA OLIO
HINGE END-PLUG WITH CROSS HOLE AND INLET PORT
SCHARNIERZYLINDERBODEN MIT ÖLEINLASS

CFB



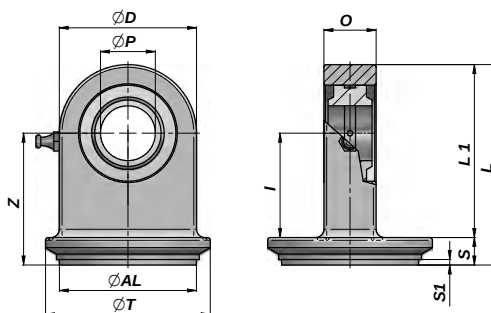
Codice Code Bestell-Nr.	ØAL	ØT	ØP	Z	H	O	F BSP	Y	I	S	S1	L	L1	kg
CFB0400504	40	50	16,20	46	19	24,8	1/4"	39	36	10	2	65	55	0,55
CFB0500606	50	60	20,25	51	31	24,8	3/8"	56	41	10	2	82	72	0,84
CFB0600706	60	70	25,25	57	33	24,8	3/8"	63	45	12	2	90	78	1,14
CFB0700806	70	80	25,25	65	42	39,5	3/8"	82	53	12	2	107	95	2,24

MATERIALE - MATERIAL:

ACCIAIO - STEEL - STAHL S355J0 (Fe510C) - S355JR (A105)

FONDELLO CON TERMINALE A SNODO RILUBRIFICABILE
END-PLUG WITH BALL-JOINT END WITH GREASE NIPPLE
ZYLINDERBODEN MIT NACHSCHMIERBAREM GELENKKOPF

CSTSNF



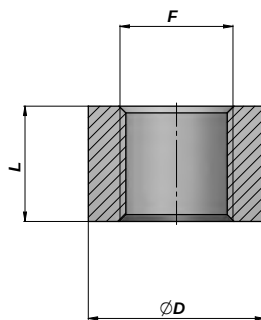
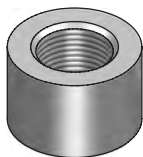
Codice Code Bestell-Nr.	ØAL	ØT	ØP	Z	ØD	O	I	S	S1	L	L1	kg
CSTSNF020040	40	50	20	48	50	19	38	10	2	73	63	0,48
CSTSNF020045	45	55	20	48	50	19	38	10	2	73	63	0,50
CSTSNF020050	50	60	20	48	50	19	38	10	2	73	63	0,54
CSTSNF025055	55	65	25	57	55	23	45	12	2	84,5	72,5	0,81
CSTSNF025060	60	70	25	57	55	23	45	12	2	84,5	72,5	0,86
CSTSNF025063	63	73	25	57	55	23	45	12	2	84,5	72,5	0,89
CSTSNF030065	65	75	30	63	65	28	51	12	2	95,5	83,5	1,24
CSTSNF030066	65	80	30	63	65	28	51	12	2	95,5	83,5	1,27
CSTSNF030070	70	80	30	63	65	28	51	12	2	95,5	83,5	1,30
CSTSNF030075	75	90	30	63	65	28	51	12	2	95,5	83,5	1,38
CSTSNF030080	80	92	30	63	65	28	51	12	2	95,5	83,5	1,43
CSTSNF030081	80	95	30	63	65	28	51	12	2	95,5	83,5	1,44

MATERIALE - MATERIAL:

ACCIAIO - STEEL - STAHL St 52.3

CBS

BORCHIA FILETTATA THREADED PORT ANSCHLUSSGEWINDE

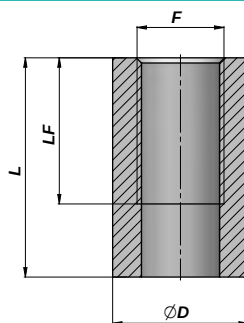
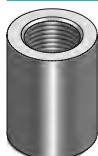


Codice Code Bestell-Nr.	F BSP	L	ØD	kg x100	Codice Code Bestell-Nr.	F	L	ØD	kg x100
CBS0300000	1/8"	14	20	2,80	CBS0001215	M12x1,5	16	22	3,70
CBS0400000	1/4"	16	22	3,50	CBS0001415014	M14x1,5	14	22	2,80
CBS0600000	3/8"	17	26	4,70	CBS0001415	M14x1,5	16	22	3,20
CBS0800000	1/2"	18	30	6,10	CBS0001615	M16x1,5	17	26	4,90
CBS1200000	3/4"	20	38	10,50	CBS0001815014	M18x1,5	14	28	4,40
CBS1600000	1"	25	45	16,90	CBS0001815	M18x1,5	18	28	5,70
CBS2000000	1 1/4"	24,5	55	22,60	CBS0002015	M20x1,5	18	30	6,10
CBS2400000	1 1/2"	30	60	28,90	CBS0002215	M22x1,5	18	30	5,30
CBS3200000	2"	30	70	30,70					

MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL 9SMn28

CBSP

BORCHIA FILETTATA ALTA HIGH THREADED PORT HOHES ANSCHLUSSGEWINDE

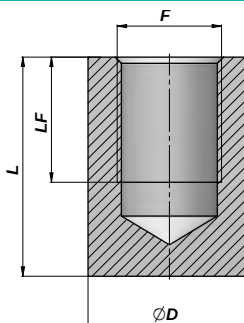


Codice Code Bestell-Nr.	F BSP	LF	L	ØD	kg x100
CBSP040000	1/4"	27	40	22	8,60
CBSP060000	3/8"	28	42	26	11,70
CBSP080000	1/2"	33	48	30	16,30

MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL 9SMn28

CBSL

BORCHIA FILETTATA CIECA BLIND THREADED PORT ANSCHLUSSGEWINDE MIT SACKLOCH



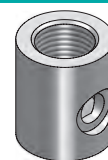
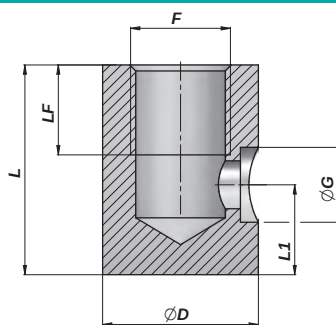
Codice Code Bestell-Nr.	F BSP	LF	L	ØD	kg x100
CBSL040000	1/4"	13	30	22	7,30
CBSL060000	3/8"	20	35	26	10,70
CBSL080000	1/2"	22	35	30	13,80

MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL 9SMn28

BORCHIA FILETTATA PER TUBINO
 THREADED PORT FOR FEED PIPE
 ANSCHLUSSGEWINDE FÜR ROHRLEITUNG

NEW!

CBSLT



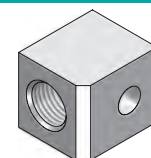
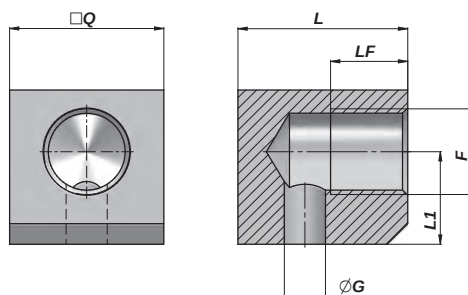
Codice Code Bestell-Nr.	F BSP	LF	L	ØD	ØG	L1	kg x100
CBSLT04010	1/4"	15	30	22	10,5	12	6,90
CBSLT06012	3/8"	15	35	26	12,5	15	10,50
CBSLT08015	1/2"	15	35	30	15,5	15	13,20

MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL 9SMn28

BLOCCETTO ENTRATA OLIO
 OIL INLET SUPPORT
 ÖLEINTRITTSBLÖCKCHEN

NEW!

CBL



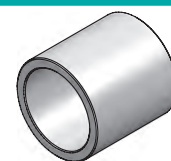
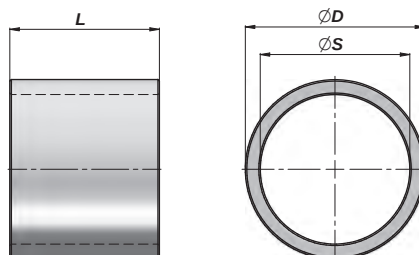
Codice Code Bestell-Nr.	F BSP	LF	L	Q	ØG	L1	kg
CBLO400000	1/4"	15	30	25	8	15	0,10
CBLO600000	3/8"	15	33	30	8	18	0,20
CBLO800000	1/2"	18	40	35	12	20	0,30

MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL S355JO (Fe510C)

DISTANZIALE
 SPACER
 ABSTANDSTÜCK

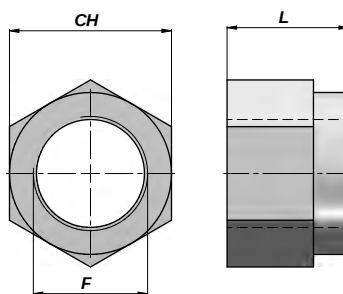
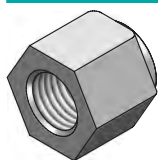
NEW!

CDIS



Codice Code Bestell-Nr.	ØS	ØD	L	kg	Codice Code Bestell-Nr.	ØS	ØD	L	kg
CDIS025035050	25	35	50	0,20	CDIS025035100	25	35	100	0,40
CDIS030040050	30	40	50	0,21	CDIS030040100	30	40	100	0,42
CDIS035045050	35	45	50	0,25	CDIS035045100	35	45	100	0,50
CDIS040050050	40	50	50	0,28	CDIS040050100	40	50	100	0,56
CDIS050060050	50	60	50	0,34	CDIS050060100	50	60	100	0,68
CDIS060075050	60	75	50	0,62	CDIS060075100	60	75	100	1,24
CDIS070085050	70	85	50	0,72	CDIS070085100	70	85	100	1,44

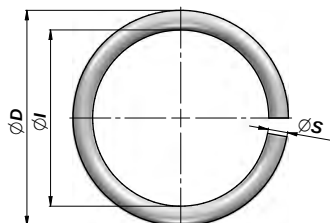
MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL St 52.3 DIN 2393 ISO H9



Codice Code Bestell-Nr.	F	L	CH	kg x 100
CDA0001215	M12x1,5	14	19	2,00
CDA0001415	M14x1,5	16	22	3,00
CDA0001815	M18x1,5	20	27	5,16
CDA0002015	M20x1,5	22	30	7,00
CDA0002215	M22x1,5	25	32	8,60
CDA0002420	M24x2	27	36	13,00
CDA0002720	M27x2	30	41	18,00
CDA0003020	M30x2	32	46	25,80
CDA0003320	M33x2	35	50	31,00
CDA0003930	M39x3	42	60	56,00
CDA0004830	M48x3	52	75	200,00

Codice Code Bestell-Nr.	F	L	CH	kg x 100
CDB0001415	M14x1,5	14	22	2,60
CDB0002015	M20x1,5	17	30	6,00
CDB0002420	M24x2	21	36	10,00
CDB0002720	M27x2	23	41	13,00
CDB0003320	M33x2	26	50	25,50

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL UNI 7473 - 7474

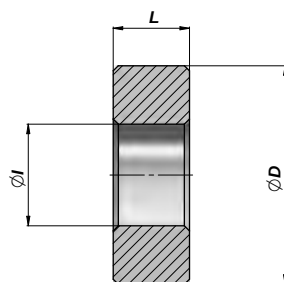


Codice Code Bestell-Nr.	ØD	ØI	ØS	kg x 100
CAT0200025	22	16	3	0,38
CAT0250030	28	22	3	0,40
CAT0280030	31	25	3	0,45
CAT0300030	33	27	3	0,50
CAT0350035	38,5	31,5	3,5	0,80
CAT0400040	44	36	4	1,20
CAT0450040	49	41	4	1,40
CAT0500045	54,5	45,5	4,5	1,90
CAT0550050	59,5	50,5	4,5	2,00
CAT0600055	65,5	54,5	5,5	3,40
CAT0700065	76	64	6	5,00
CAT0800060	86	74	6	5,50
CAT1000060	106	94	6	7,00

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL

ANELLO DI ARRESTO PER CILINDRO TUFFANTE
STOP RING FOR PLUNGER CYLINDER
KLEMMRING FÜR PLUNGERZYLINDER

CA

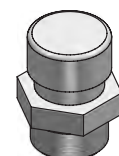
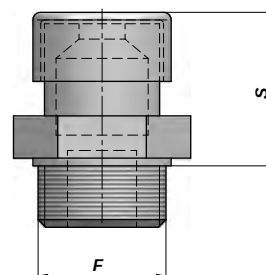
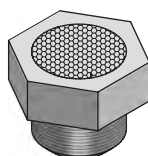
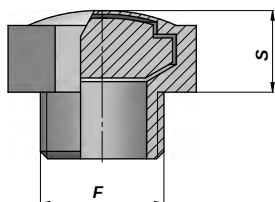


Codice Code Bestell-Nr.	ØD	ØI	L	kg	Confezione Box Verpackung	Pz Pcs Stk
CA03400000	34	15	10	0,08	ZOCCA03400000	250
CA03800000	38	20	15	0,10	ZOBCA03800000	200
CA04300000	43	20	15	0,13	ZOACA04300000	150
CA04800000	48	20	20	0,23	ZOCCA04800000	100
CA05300000	53	27	20	0,26	ZOCCA05300000	100
CA05800000	58	27	20	0,32	Z50CA05800000	50
CA06800000	68	27	20	0,48	Z50CA06800000	50

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL S355J0 (Fe510C)

SFIATO ARIA
AIR PLUG
ENTLÜFTUNGSSCHRAUBE

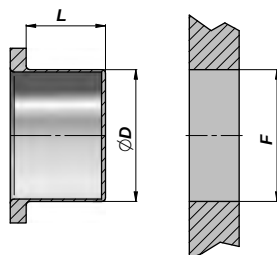
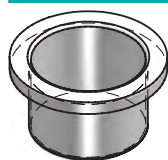
ASEP/ATS



Codice Code Bestell-Nr.	F BSP	S	kg x 100
ASEP030000	1/8"	7	1,00
ASEP040000	1/4"	8	1,20
ASEP060000	3/8"	9	2,00
ASEP080000	1/2"	9	2,30
ASEP120000	3/4"	11	4,00
ASEP160000	1"	12	6,00

Codice Code Bestell-Nr.	F BSP	S	kg x 100
ATS31A0030	1/8"	15	3,00
ATS31A0040	1/4"	20	4,00
ATS31A0060	3/8"	19	4,50
ATS31A0080	1/2"	19	6,00
ATS31A0120	3/4"	23	15,00
ATS31A0160	1"	30	24,00

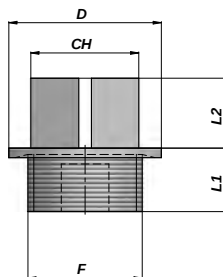
MATERIALE - MATERIAL:
OTTONE+BRONZO SINTERIZZATO - BRASS+SINTERED BRONZE - MESSING+SINTERBRONZE



Codice Code Bestell-Nr.	F BSP	ØD	L
APG0300000	1/8"	9,0	7,5
APG0400000	1/4"	12,0	9,0
APG0600000	3/8"	15,5	9,5
APG0800000	1/2"	19,0	10,5
APG1200000	3/4"	25,0	12,0
APG1600000	1"	31,0	10,5
APG2000000	1"1/4	39,5	11,0
APG2400000	1"1/2	46,0	10,5
APG3200000	2"	57,5	13,5

Codice Code Bestell-Nr.	F	ØD	L
APM1215000	M12x1,5	10,5	8,0
APM1415000	M14x1,5	13,0	9,5
APM1615000	M16x1,5	15,0	9,5
APM1815000	M18x1,5	17,0	10,5
APM2015000	M20x1,5	19,0	10,5
APM2215000	M22x1,5	21,0	11,0

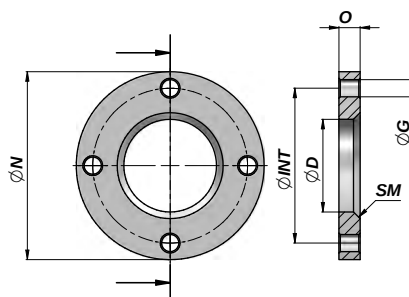
MATERIALE - MATERIAL:
POLIETILENE L.D. - POLYETHYLENE L.D. - POLYÄTHYLEN L.D.



Codice Code Bestell-Nr.	F BSP	D	L1	L2	CH
APSEP43516	1/8"	16,8	9	10	13
APSEP43519	1/4"	19,2	9	10	13
APSEP43522	3/8"	22,2	9	11	17
APSEP43527	1/2"	27,2	12	13	19
APSEP43532	3/4"	32,3	12	13	24
APSEP43540	1"	40,0	15	14	27
APSEP43550	1"1/4	50,4	15	15	36
APSEP43555	1"1/2	55,4	15	15	41
APSEP43568	2"	68,4	15	15	55

Codice Code Bestell-Nr.	F	D	L1	L2	CH
APSEP435M12	M12x1,5	17,2	10	10	13
APSEP435M14	M14x1,5	19,2	10	10	13
APSEP435M16	M16x1,5	22,0	10	10	17
APSEP435M18	M18x1,5	24,0	10	11	17
APSEP435M20	M20x1,5	26,0	10	14	19
APSEP435M22	M22x1,5	27,2	10	14	19

MATERIALE - MATERIAL:
POLIAMIDE PA 6 - POLYAMIDE PA 6 - POLYAMID PA 6

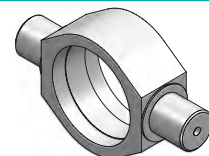
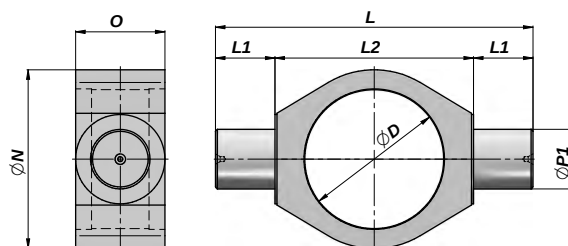


Codice Code Bestell-Nr.	ØD (+0,2 +0,3)	ØN	O	ØG	ØINT	SM	kg
CFL0050109	50	109	12,5	Ø 11 x 4	87	4x45°	0,66
CFL0060128	60	128	14,5	Ø 13 x 4	105	4x45°	1,09
CFL0070142	70	142	16,5	Ø 13 x 4	117	5x45°	1,50
CFL0080162	80	162	16,5	Ø 15 x 4	127	5x45°	1,94
CFL0095181	95	181	18,5	Ø 17 x 6	149	7x45°	2,53
CFL0115194	115	194	24,5	Ø 17 x 6	162	8x45°	3,47

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL S355J0 (Fe510C)

PERNO BASCULANTE
WELD-ON TRUNNION
SCHWENKZAPFEN

CPB

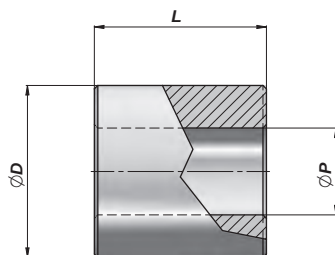
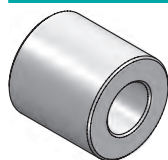


Codice Code Bestell-Nr.	ØD	ØP1 (+0,0 -0,1)	L1	L	ØN	O	L2	kg
CPB0100000	50	20	20	110	65	30	70	0,52
CPB0200000	60	25	25	130	75	35	80	0,79
CPB0300000	70	30	30	160	90	45	100	1,57
CPB0400000	80	35	35	180	100	50	110	2,03
CPB0500000	92	40	40	195	115	55	115	2,60
CPB0501000	95	40	40	195	115	55	115	2,40
CPB0550000	105	45	45	215	125	60	125	3,00
CPB0600000	115	50	50	245	145	70	145	5,30
CPB0800000	140	60	60	290	170	80	170	7,70

TOLLERANZA - TOLERANCE - TOLERANZ: ØD 50-60-70-80-92-95 = +0,2 +0,3 - ØD 105-115-140 = +0,3 +0,4

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL S355J0 (Fe510C)

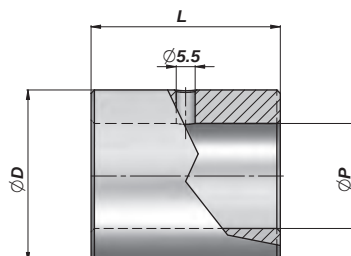
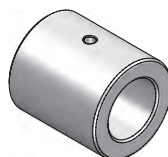
CB

BOCCOLA
BUSH
BUCHSE

Codice Code Bestell-Nr.	ØP	ØD	L	kg	Confezione Box Verpackung	Pz Pcs Stk
CB16035030	16,25	35	30	0,18	Z50CB16035030	50
CB16035060	16,25	35	60	0,36	Z50CB16035060	50
CB20040040	20,25	40	40	0,29	Z50CB20040040	50
CB20040070	20,25	40	70	0,50	Z25CB20040070	25
CB25050050	25,25	50	50	0,56	Z50CB25050050	50
CB25050080	25,25	50	80	0,89	Z20CB25050080	20
CB25050090	25,25	50	90	1,02	Z25CB25050090	25
CB30060060	30,25	60	60	0,97	Z20CB30060060	20
CB30060110	30,25	60	110	1,79	Z10CB30060110	10
CB40070070	40,25	70	70	1,60	Z10CB40070070	10
CB40070130	40,25	70	130	2,65	Z05CB40070130	5

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL S355J0 (Fe510C)

CBF

BOCCOLA TIPO "CBF"
BUSH - "CBF" TYPE
BUCHSE - TYP "CBF"

Codice Code Bestell-Nr.	ØP	ØD	L	kg	Confezione Box Verpackung	Pz Pcs Stk
CBF0012025025	12,10	25	25	0,07	Z00CBF0012025025	100
CBF0016030035	16,20	30	35	0,14	Z50CBF0016030035	50
NEW! CBF1020035040	20,25	35	40	0,20	Z50CBF1020035040	50
CBF0020040040	20,50	40	40	0,28	Z50CBF0020040040	50
NEW! CBF1025040045	25,25	40	45	0,30	Z50CBF1025040045	50
CBF0025050045	25,50	50	45	0,50	Z20CBF0025050045	20
NEW! CBF1030050055	30,25	50	55	0,50	Z20CBF1030050055	20
CBF0030050055	30,50	50	55	0,53	Z20CBF0030050055	20
NEW! CBF1030060070	30,25	60	70	1,20	Z10CBF1030060070	10
CBF0030065070	30,50	65	70	1,40	Z12CBF0030065070	12

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL S355J0 (Fe510C)

ANELLO A SILDARE PER SNODO "GE"
WELD-RING FOR "GE" BALL-JOINT
SCHWEISSBARER RING FÜR GELENKLAGER "GE"

CAGE



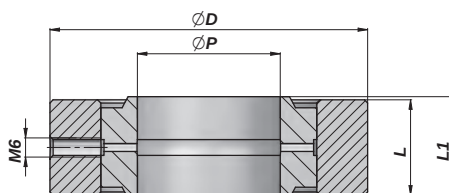
Codice Code Bestell-Nr.	Per For Für	ØD	L	ØP	kg	Confezione Box Verpackung	Pz Pcs Stk
CAGE040026	GE ø15	40	11	26	0,06	Z0BCAGE040026	200
CAGE050035	GE ø20	50	14	35	0,11	Z0BCAGE050035	200
CAGE069042	GE ø25	69	19	42	0,35	Z50CAGE069042	50
CAGE075047	GE ø30	75	20	47	0,41	Z50CAGE075047	50
CAGE080055	GE ø35	80	22	55	0,45	Z25CAGE080055	25
CAGE094062	GE ø40	94	26	62	0,79	Z20CAGE094062	20
CAGE100068	GE ø45	100	30	68	0,98	Z10CAGE100068	10

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL S355J0 (Fe510C) - S355JR (A105)

ANELLO A SILDARE CON SNODO "GE" MONTATO NON CIANFRINATO
WELD-RING WITH NOT CHANFREINED "GE" BALL-JOINT
SCHWEISSBARER RING FÜR GELENKLAGER "GE" NICHT GESTEMMT

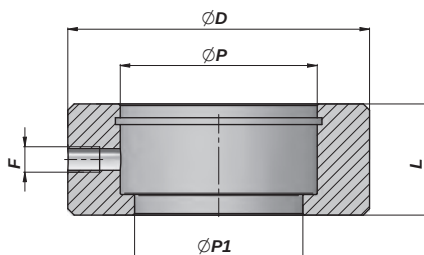
NEW!

CAGEG



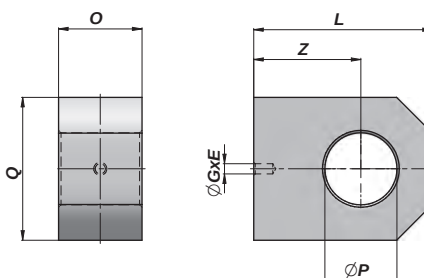
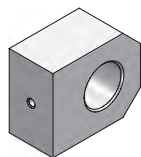
Codice Code Bestell-Nr.	ØP	ØD	L	L1	kg	Confezione Box Verpackung	Pz Pcs Stk
CAGEG04002615	15	40	11	12	0,07	Z0BCAGEG04002615	200
CAGEG05003520	20	50	14	16	0,14	Z00CAGEG05003520	100
CAGEG06904225	25	69	19	20	0,20	Z25CAGEG06904225	25
CAGEG07504730	30	75	20	22	0,28	Z25CAGEG07504730	25
CAGEG08005535	35	80	22	25	0,30	Z25CAGEG08005535	25
CAGEG09406240	40	94	26	28	0,50	Z20CAGEG09406240	20
CAGEG10006845	45	100	30	32	0,50	Z10CAGEG10006845	10

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL S355J0 (Fe510C) - S355JR (A105)



Codice Code Bestell-Nr.	Per For Für	ØD	L	ØP	ØP1	F	kg	Confezione Box Verpackung	Pz Pcs Stk
CAGEN04015015	GE ø15	40	15	26	22	M6	0,09	Z00CAGEN04015	100
CAGEN05019020	GE ø20	50	19	35	29	M6	0,15	Z00CAGEN05019	100
CAGEN06023025	GE ø25	60	23	42	35	M6	0,26	Z50CAGEN06023	50
CAGEN07028030	GE ø30	70	28	47	40	M6	0,47	Z50CAGEN07028	50
CAGEN08530035	GE ø35	85	30	55	47	M6	0,79	Z20CAGEN08530	20
CAGEN09535040	GE ø40	95	35	62	53	M8	1,14	Z10CAGEN09535	10
CAGEN11040045	GE ø45	110	40	68	60	M8	1,87	Z10CAGEN11040	10
CAGEN12040050	GE ø50	120	40	75	66	M8	2,18	Z05CAGEN12040	5
CAGEN13850060	GE ø60	138	50	90	80	M8	3,40	Z02CAGEN13850	2

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL S355J0 (Fe510C) - S355JR (A105)

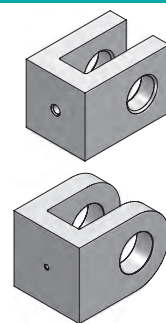
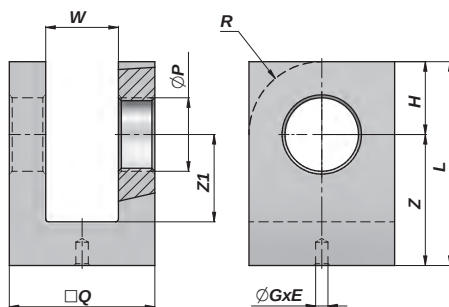


Codice Code Bestell-Nr.	ØP	Q	O	Z	L	ØGxE	kg
COF1600000	16,20	35	20	25	42	Ø 4,25 x 8	0,18
COF2000000	20,25	45	25	30	50	Ø 4,25 x 8	0,35
COF2500000	25,25	50	30	35	60	Ø 4,25 x 8	0,56
COF3000000	30,25	60	35	45	75	Ø 4,25 x 8	0,97
COF3500000	35,25	70	40	55	90	Ø 4,25 x 8	1,60
NEW! COF4000000	40,25	70	40	60	95	Ø 4,25 x10	1,50

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL S355J0 (Fe510C)

FORCELLA A SALDARE
WELDABLE FORK
SCHWEISSBARE GABEL

CFS

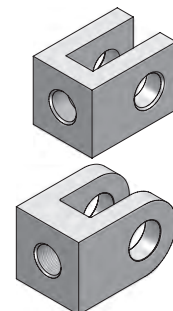
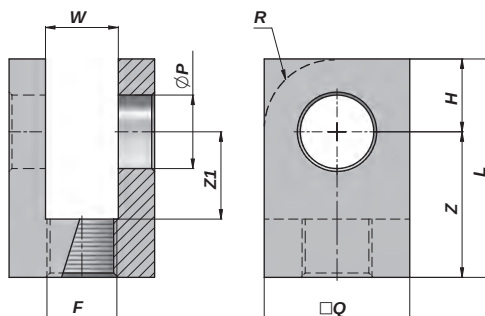


Codice Code Bestell-Nr.	ØP	□Q	W	Z	Z1	H	L	R	ØGxE	kg
CFS0000016	16,20	35	16	34	24	16	50	-	Ø 4,25 x 6	0,27
CFS0000020	20,25	40	20	40	30	20	60	-	Ø 4,25 x 6	0,38
CFS0000025	25,25	50	25	45	30	25	70	-	Ø 4,25 x 8	0,71
CFS0000030	30,25	60	30	50	35	30	80	30	Ø 4,25 x 8	1,10
CFS0000035	35,25	70	35	55	40	35	90	35	Ø 4,25 x 8	1,60
NEW! CFS0000040	40,25	80	40	70	50	40	110	40	Ø 4,25 x 10	2,70

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL S355J0 (Fe510C)

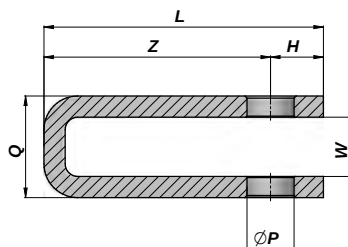
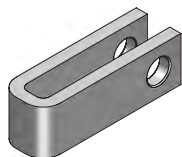
FORCELLA FILETTATA
THREADED FORK
GABEL MIT GEWINDE

CFF



Codice Code Bestell-Nr.	ØP	□Q	W	Z	Z1	H	L	R	F	kg
CFF0161615	16,20	35	16	39	24	16	55	-	M16x1,5	0,30
CFF0202015	20,25	40	20	45	30	20	65	-	M20x1,5	0,40
CFF0252420	25,25	50	25	50	30	25	75	-	M24x2	0,75
CFF0303020	30,25	60	30	65	35	30	95	30	M30x2	1,46
CFF0353320	35,25	70	35	75	40	35	110	35	M33x2	1,67
NEW! CFF0403320	40,25	80	40	85	50	40	125	40	M33x2	3,20

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL S355J0 (Fe510C)

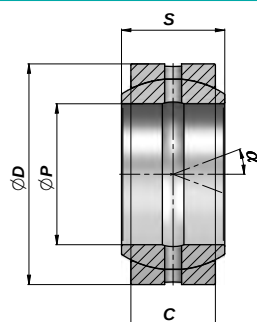


Codice Code Bestell-Nr.	ØP	Q	W	Z	H	L	Profilo Section Schnitt	kg
CFP4010125	20,25	40,5	20,5	105	20	125	40 x 10	0,78
CFP4510067	20,25	43	23	40	27	67	45 x 10	0,49
CFP4510132	22,25	48	28	107	25	132	45 x 10	0,95
CFP5015135	26,25	52	22	110	25	135	50 x 15	1,55
CFP5015140	26,25	63	33	110	30	140	50 x 15	1,68
CFP6020175	26,25	75	35	145	30	175	60 x 20	3,37
CFP6020180	28,25	80	40	150	30	180	60 x 20	3,49

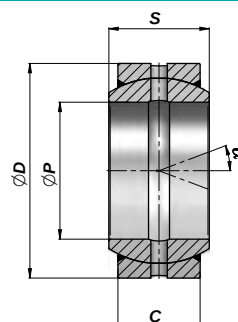
MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL S355J0 (Fe510C)

GE DO/GE D02RS

SNODO SFERICO RADIALE RICHIEDENTE MANUTENZIONE
RADIAL BALL-JOINT REQUIRING MAINTENANCE
WARTUNGSBEDÜRFTIGES RADIALGELENKLAGER



TYPE DO



TYPE D0...2RS

Codice Code Bestell-Nr. Type DO	Codice Code Bestell-Nr. Type D0...2RS	ØP	ØD	S	C	α	FC (kN)	kg
*CGE0120000	-	12	22	10	7	11	10,8	0,01
CGE0150000	CGE0001425	15	26	12	9	8	17	0,02
CGE0160000 (A)	-	16	30	14	10	10	21,2	0,03
CGE0170000	CGE0001426	17	30	14	10	10	21,2	0,04
CGE0200000	CGE0001427	20	35	16	12	9	30	0,06
CGE0250000	CGE0001428	25	42	20	16	7	48	0,11
CGE0300000	CGE0001429	30	47	22	18	6	62	0,14
CGE0350000	CGE0001430	35	55	25	20	6	80	0,22
CGE0400000	CGE0001431	40	62	28	22	7	100	0,30
CGE0450000	CGE0001432	45	68	32	25	7	127	0,40
CGE0500000	CGE0001433	50	75	35	28	6	156	0,54
CGE0600000	CGE0001434	60	90	44	36	6	245	1,00
CGE0700000	CGE0001435	70	105	49	40	6	315	1,50
CGE0800000	CGE0001436	80	120	55	45	6	400	2,20
CGE0900000	CGE0001437	90	130	60	50	5	490	2,70
CGE1000000	CGE0001438	100	150	70	55	7	610	4,30
CGE1100000	CGE0001439	110	160	70	55	6	655	4,70
CGE1200000	CGE0001440	120	180	85	70	6	950	8,00

FC = CARICO DINAMICO AMMESSO - MAX DYNAMIC LOAD - MAX DYNAMISCHE LAST

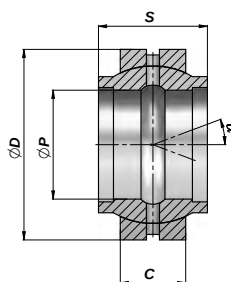
* NON RILUBRIFICABILE - WITHOUT GREASE NIPPLE - NICHT NACHSCHMIERBAR

(A) = FUORI NORMATIVA - WITHOUT STANDARD - AUßER NORM

ACCOPIAMENTO - COUPLING - PAARUNG: ACCIAIO/ACCIAIO - STEEL/STEEL - STAHL/STAHL

MATERIALE - MATERIAL:

ACCIAIO - STEEL - STAHL ISO 1240-1 SERIE E



TYPE LO



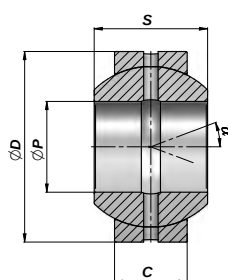
Codice Code Bestell-Nr. Type LO	ØP	ØD	S	C	α	FC (kN)	kg
CGE0001447	20	35	20	12	4	30	0,07
CGE0001448	25	42	25	16	4	48	0,12
CGE0001449	32	52	32	18	4	67	0,20
CGE0001450	40	62	40	22	4	100	0,34
CGE0001451	50	75	50	28	4	156	0,56
CGE0001452	63	95	63	36	4	255	1,20

FC = CARICO DINAMICO AMMESSO - MAX DYNAMIC LOAD - MAX DYNAMISCHE LAST

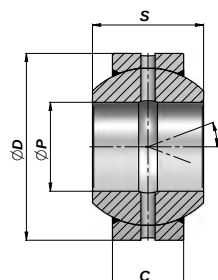
ACCOPPIAMENTO - COUPLING - PAARUNG: ACCIAIO/ACCIAIO - STEEL/STEEL - STAHL/STAHL

MATERIALE - MATERIAL:

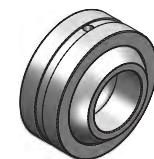
ACCIAIO - STEEL - STAHL ISO 12240-1 SERIE W



TYPE FO



TYPE FO...2RS



Codice Code Bestell-Nr. Type FO	Codice Code Bestell-Nr. Type FO...2RS	ØP	ØD	S	C	α	FC (kN)	kg
CGE0001477	CGE0001497	20	42	25	16	17	48	0,15
CGE0001478	CGE0001498	25	47	28	18	17	62	0,19
CGE0001479	CGE0001499	30	55	32	20	17	80	0,29
CGE0001480	CGE0001500	35	62	35	22	16	100	0,39
CGE0001481	CGE0001501	40	68	40	25	17	127	0,52
CGE0001482	CGE0001502	45	75	43	28	15	156	0,68
CGE0001483	CGE0001503	50	90	56	36	17	245	1,40
CGE0001484	CGE0001504	60	105	63	40	17	315	2,00
CGE0001485	CGE0001505	70	120	70	45	16	400	2,90
CGE0001486	CGE0001506	80	130	75	50	14	490	3,50

FC = CARICO DINAMICO AMMESSO - MAX DYNAMIC LOAD - MAX DYNAMISCHE LAST

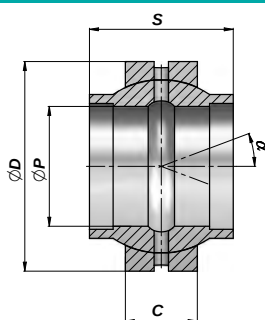
ACCOPPIAMENTO - COUPLING - PAARUNG: ACCIAIO/ACCIAIO - STEEL/STEEL - STAHL/STAHL

MATERIALE - MATERIAL:

ACCIAIO - STEEL - STAHL ISO 12240-1 SERIE G

GE H02RS

SNODO SFERICO RADIALE RICHIEDENTE MANUTENZIONE
RADIAL BALL-JOINT REQUIRING MAINTENANCE
WARTUNGSBEDÜRFTIGES RADIALGELENKLAGER



TYPE H0...2RS

Codice Code Bestell-Nr. Type H0...2RS	ØP	ØD	S	C	α	FC (kN)	kg
CGE0001461	20	35	24	12	3	30	0,05
CGE0001462	25	42	29	16	3	48	0,10
CGE0001463	30	47	30	18	3	62	0,14
CGE0001464	35	55	35	20	3	80	0,24
CGE0001465	40	62	38	22	3	100	0,29
CGE0001466	45	68	40	25	3	127	0,43
CGE0001467	50	75	43	28	3	156	0,54
CGE0001468	60	90	54	36	3	245	1,10
CGE0001469	70	105	65	40	3	315	1,60
CGE0001470	80	120	74	45	3	400	2,40

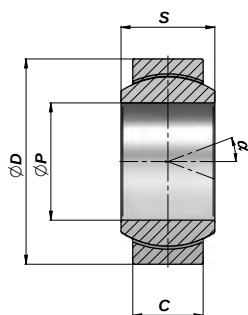
FC = CARICO DINAMICO AMMESSO - MAX DYNAMIC LOAD - MAX DYNAMISCHE LAST

ACCOPIAMENTO - COUPLING - PAARUNG: ACCIAIO/ACCIAIO - STEEL/STEEL - STAHL/STAHL

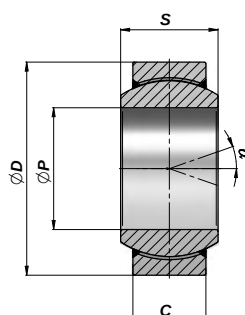
MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL

GE UK/GE UK2RS

SNODO SFERICO RADIALE NON RICHIEDENTE MANUTENZIONE
MAINTENANCE FREE RADIAL BALL-JOINT
WARTUNGSFREIES RADIALGELENKLAGER



TYPE UK



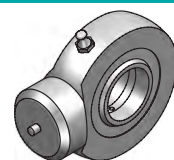
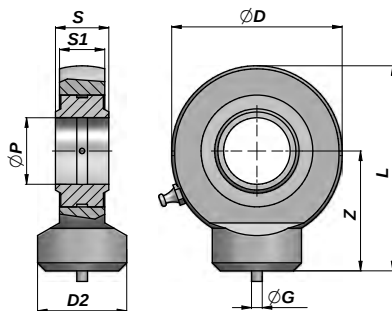
TYPE UK...2RS

Codice Code Bestell-Nr. Type UK	Codice Code Bestell-Nr. Type UK...2RS	ØP	ØD	S	C	α	FC (kN)	kg
CGE0001521	CGE0001526	20	35	16	12	9	31,5 - 68	0,06
CGE0001522	CGE0001527	25	42	20	16	7	51 - 130	0,11
CGE0001523	CGE0001528	30	47	22	18	6	65,5 - 170	0,14
	CGE0001529	35	55	25	20	6	220	0,22
	CGE0001530	40	62	28	22	7	280	0,30
	CGE0001531	45	68	32	25	7	360	0,40
	CGE0001532	50	75	35	28	6	440	0,54
	CGE0001533	60	90	44	36	6	690	1,00
	CGE0001534	70	105	49	40	6	880	1,50
	CGE0001535	80	120	55	45	6	1135	2,20
	CGE0001536	90	130	60	50	5	1375	2,70
	CGE0001537	100	150	70	55	7	1725	4,30
	CGE0001538	110	160	70	55	6	1860	4,70
	CGE0001539	120	180	85	70	6	2700	8,00

FC = CARICO DINAMICO AMMESSO - MAX DYNAMIC LOAD - MAX DYNAMISCHE LAST

ACCOPIAMENTO - COUPLING - PAARUNG: CROMO DURO/PTFE - HARTCHROM/PTFE - CHROM/PTFE

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL ISO 12240-1 SERIE E



Codice Code Bestell-Nr.	ØP	Z	S	ØD	S1	L	ØD2	ØG	FC (kN)	kg
*CSTS010C00	10	24	9	29	7	38,5	15	3	8,15	0,04
*CSTS012C00	12	27	10	34	8	44	17,5	3	10,8	0,06
**CSTS015C00	15	31	12	40	10	51	21	4	17	0,12
CSTS016C00 (A)	16	35	14	46	11	58	24	4	19	0,17
**CSTS017C00	17	35	14	46	11	58	24	4	21,2	0,18
CSTS020C00	20	38	16	53	13	64,5	27,5	4	30	0,26
CSTS025C00	25	45	20	64	17	77	33,5	4	48	0,45
CSTS030C00	30	51	22	73	19	87,5	40	4	62	0,67
CSTS035C00	35	61	25	82	21	102	47	4	80	1,02
CSTS040C00	40	69	28	92	23	115	52	4	100	1,40
CSTS045C00	45	77	32	102	27	128	58	6	127	1,93
CSTS050C00	50	88	35	112	30	144	62	6	156	2,69
CSTS060C00	60	100	44	135	38	167,5	70	6	245	4,60
CSTS070C00	70	115	49	160	42	195	80	6	315	7,00
CSTS080C00	80	141	55	180	47	231	95	6	400	11,00

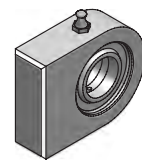
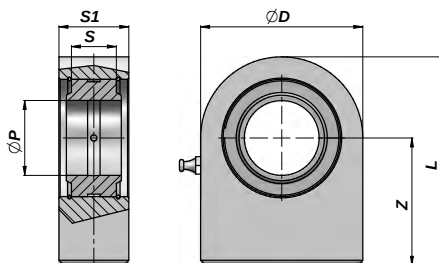
FC = CARICO DINAMICO AMMESSO - MAX DYNAMIC LOAD - MAX DYNAMISCHE LAST

* NON RILUBRIFICABILE - WITHOUT GREASE NIPPLE - NICHT NACHSCHMIERBAR

** RILUBRIFICABILE MEDIANTE FORO - LUBRICATING HOLE IN THE HEAD - DURCH BOHRUNG NACHSCHMIERBAR

(A) = FUORI NORMATIVA - WITHOUT STANDARD - AUßER NORM

MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL ISO 12240-4 SERIE E - TIPO S



Codice Code Bestell-Nr.	ØP	Z	S	ØD	S1	L	FC (kN)	kg
CSTS015N00	15	31	12	45	16	53,5	17	0,22
**CSTS016N00	16	35	14	48	17,5	59	21,2	0,29
CSTS017N00	17	35	14	48	17,5	59	21,2	0,29
CSTS020N00	20	38	16	50	19	63	30	0,36
CSTS025N00	25	45	20	55	23	72,5	48	0,53
CSTS030N00	30	51	22	65	28	83,5	62	0,85
CSTS035N00	35	61	25	83	30	102,5	80	1,50
CSTS040N00	40	69	28	100	35	119	100	2,42
CSTS045N00	45	77	32	110	40	132	127	3,39
CSTS050N00	50	88	35	123	40	149,5	156	4,24
CSTS060N00	60	100	44	140	50	170	245	7,10
CSTS070N00	70	115	49	164	55	197	315	10,70
CSTS080N00	80	141	55	180	60	231	400	15,10
CSTS090N00 (1)	90	150	60	226	65	263	490	23,40
CSTS100N00 (1)	100	170	70	250	70	295	610	33,10
CSTS110N00 (1)	110	185	70	295	80	332,5	655	48,50
CSTS120N00 (1)	120	210	85	360	90	390	950	79,50

FC = CARICO DINAMICO AMMESSO - MAX DYNAMIC LOAD - MAX DYNAMISCHE LAST

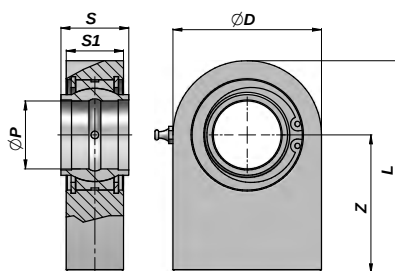
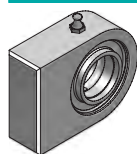
** RILUBRIFICABILE MEDIANTE FORO - LUBRICATING HOLE IN THE HEAD - DURCH BOHRUNG NACHSCHMIERBAR

(1) = PANTOGRAFATI - PROFILE PLATE - PANTOGRAPHIERT

MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL ISO 12240-1 SERIE E

CSTSCE...N

TERMINALE A SNODO RILUBRIFICABILE
BALL-JOINT END WITH GREASE NIPPLE
NACHSCHMIERBARER GELENKKOPF



Codice Code Bestell-Nr.	ØP	Z	S	ØD	S1	L	FC (kN)	kg
CSTSCE720N	20	38	20	50	19	63	30	0,36
CSTSCE725N	25	45	25	55	23	72,5	48	0,54
CSTSCE732N	32	65	32	70	27	103	62,5	1,12
CSTSCE740N	40	69	40	100	35	119	100	2,50
CSTSCE750N	50	88	50	123	40	149,5	156	4,60
CSTSCE763N	63	107	63	145	50	178	248	9,30
CSTSCE770N	70	115	70	164	55	197	315	11,25
CSTSCE780N	80	141	80	180	60	231	400	15,75
CSTSCE790N (1)	90	150	90	226	65	263	490	24,00
CSTSCE795N (1)	100	170	100	250	70	295	610	33,95
CSTSCE796N (1)	110	185	110	295	80	332,5	655	49,00
CSTSCE797N (1)	125	210	125	360	90	390	950	81,00

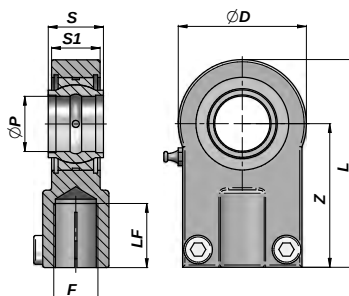
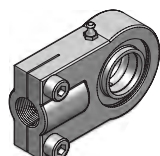
FC = CARICO DINAMICO AMMESSO - MAX DYNAMIC LOAD - MAX DYNAMISCHE LAST

(1) = PANTOGRAFATI - PROFILE PLATE - PANTOGRAPHIERT

MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL ISO 12240-1 SERIE W

CSTAPR...CE

TERMINALE A SNODO RILUBRIFICABILE
BALL-JOINT END WITH GREASE NIPPLE
NACHSCHMIERBARER GELENKKOPF



Codice Code Bestell-Nr.	ØP	Z	S	ØD	S1	L	F	LF	FC (kN)	kg
*CSTAPR612C	12	38	12	32	11	54	M12x1,25	17	10,8	0,11
CSTAPR616C	16	44	16	40	13	64	M14x1,5	19	17,6	0,20
CSTAPR620C	20	52	20	47	17	77	M16x1,5	23	30	0,35
CSTAPR625C	25	65	25	58	22	96	M20x1,5	29	48	0,62
CSTAPR632C	32	80	32	71	28	118	M27x2	37	67	1,15
CSTAPR640C	40	97	40	90	33	146	M33x2	46	100	2,18
CSTAPR650C	50	120	50	109	41	179	M42x2	57	156	3,96
CSTAPR663C	63	140	63	136	53	213	M48x2	64	255	6,80
CSTAPR670C (**) (A)	70	160	70	155	57	245	M56x2	76	315	9,60
CSTAPR680C (**) (A)	80	180	80	170	67	270	M64x3	86	400	13,00
CSTAPR690C (**) (A)	90	195	90	185	72	296	M72x3	91	490	19,10
CSTAPR695C (**) (A)	100	210	100	211	85	322	M80x3	96	610	25,00
CSTAPR696C (**) (A)	110	235	110	235	88	364	M90x3	106	655	32,00
CSTAPR697C (**) (A)	125	260	125	265	103	406,5	M100x3	113	950	46,00

FC = CARICO DINAMICO AMMESSO - MAX DYNAMIC LOAD - MAX DYNAMISCHE LAST

* NON RILUBRIFICABILE - WITHOUT GREASE NIPPLE - NICHT NACHSCHMIERBAR

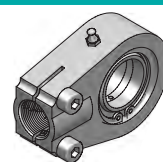
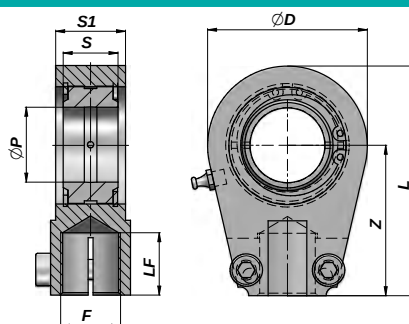
(A) = FUORI NORMATIVA - WITHOUT STANDARD - AUßER NORM

MATERIALE - MATERIAL:

ACCIAIO - STEEL - STAHL ISO 12240-4 SERIE E (**) = GHISA SFEROIDALE - NODULAR CAST IRON - SPHÄROGUSS

TERMINALE A SNODO RILUBRIFICABILE
BALL-JOINT END WITH GREASE NIPPLE
NACHSCHMIERBARER GELENKKOPF

CSTAPR...U



Codice Code Bestell-Nr.	ØP	Z	S	ØD	S1	L	F	LF	FC (kN)	kg
CSTAPR020U	20	50	16	56	19	80	M16x1,5	17	30	0,44
CSTAPR025U	25	50	20	56	23	80	M16x1,5	17	48	0,47
CSTAPR030U	30	60	22	64	28	94	M22x1,5	23	62	0,77
CSTAPR035U	35	70	25	78	30	112	M28x1,5	29	80	1,24
CSTAPR040U	40	85	28	94	35	135	M35x1,5	36	100	2,12
CSTAPR050U	50	105	35	116	40	168	M45x1,5	46	156	3,74
CSTAPR060U	60	130	44	130	50	200	M58x1,5	59	245	6,49
CSTAPR070U	70	150	49	154	55	232	M65x1,5	66	315	9,88
CSTAPR080U	80	170	55	176	60	265	M80x2	81	400	14,20
CSTAPR090U (**)	90	210	60	206	65	322	M100x2	101	490	20,00
CSTAPR100U (**)	100	235	70	231	70	360	M110x2	111	610	27,50
CSTAPR110U (**)	110	265	70	266	80	407,5	M120x3	125	655	45,60
CSTAPR120U (**)	120	310	85	340	90	490	M130x3	135	950	72,00

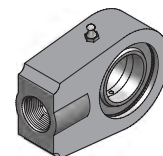
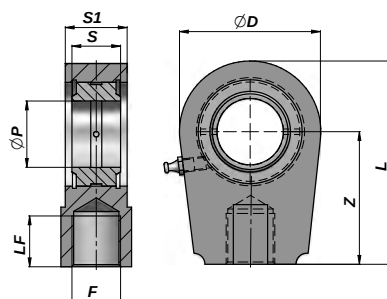
FC = CARICO DINAMICO AMMESSO - MAX DYNAMIC LOAD - MAX DYNAMISCHE LAST

MATERIALE - MATERIAL:

ACCIAIO - STEEL - STAHL ISO 12240-4 SERIE E (**) = GHISA SFEROIDALE - NODULAR CAST IRON - SPHÄROGUSS

TERMINALE A SNODO RILUBRIFICABILE
BALL-JOINT END WITH GREASE NIPPLE
NACHSCHMIERBARER GELENKKOPF

CSTAPR...N



Codice Code Bestell-Nr.	ØP	Z	S	ØD	S1	L	F	LF	FC (kN)	kg
CSTAPR020N	20	50	16	56	19	80	M16x1,5	17	30	0,45
CSTAPR025N	25	50	20	56	23	80	M16x1,5	17	48	0,49
CSTAPR030N	30	60	22	64	28	94	M22x1,5	23	62	0,76
CSTAPR035N	35	70	25	78	30	112	M28x1,5	29	80	1,26
CSTAPR040N	40	85	28	94	35	135	M35x1,5	36	100	2,15
CSTAPR050N	50	105	35	116	40	168	M45x1,5	46	156	3,80
CSTAPR060N	60	130	44	130	50	200	M58x1,5	59	245	6,20
CSTAPR070N	70	150	49	154	55	232	M65x1,5	66	315	9,83
CSTAPR080N	80	170	55	176	60	265	M80x2	81	400	13,97
CSTAPR090N (**)	90	210	60	206	65	322	M100x2	101	490	23,50
CSTAPR100N (**)	100	235	70	231	70	360	M110x2	111	610	32,00
CSTAPR110N (**)	110	265	70	266	80	407	M120x3	125	655	41,00
CSTAPR120N (**)	120	310	85	340	90	490	M130x3	135	950	72,00

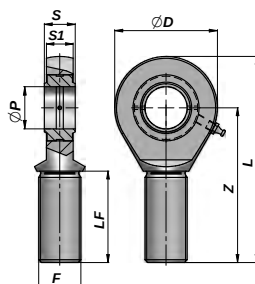
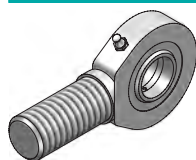
FC = CARICO DINAMICO AMMESSO - MAX DYNAMIC LOAD - MAX DYNAMISCHE LAST

MATERIALE - MATERIAL:

ACCIAIO - STEEL - STAHL ISO 12240-4 SERIE E (**) = GHISA SFEROIDALE - NODULAR CAST IRON - SPHÄROGUSS

CSTFE...DO

TERMINALE A SNODO RILUBRIFICABILE
BALL-JOINT END WITH GREASE NIPPLE
NACHSCHMIERBARER GELENKKOPF



Codice Code Bestell-Nr. Type DO	Codice Code Bestell-Nr. Type DO...2RS	ØP	Z	S	ØD	S1	L	F	LF	FC (kN)	kg
*CSTFE906DO		6	36	6	21	4,3	46,5	M6x1	18	3,4	0,01
*CSTFE908DO		8	42	8	24	6	54	M8x1,25	22	5,5	0,03
*CSTFE910DO		10	48	9	29	7	62,5	M10x1,5	27	8,1	0,05
*CSTFE912DO		12	54	10	34	8	71	M12x1,75	30	10,8	0,08
**CSTFE915DO		15	63	12	40	10	83	M14x2	34	17	0,14
**CSTFE917DO	**CSTFE917D2	17	69	14	46	11	92	M16x2	36	21,2	0,19
**CSTFE920DO	**CSTFE920D2	20	78	16	53	13	104,5	M20x1,5	43	30	0,31
CSTFE925DO	CSTFE925D2	25	94	20	64	17	126	M24x2	53	48	0,56
CSTFE930DO	CSTFE930D2	30	110	22	73	19	146,5	M30x2	65	62	0,89
CSTFE935DO	CSTFE935D2	35	140	25	82	21	181	M36x3	82	80	1,40
CSTFE940DO	CSTFE940D2	40	150	28	92	23	196	M39x3	86	100	1,80
CSTFE945DO	CSTFE945D2	45	163	32	102	27	218	M42x3	94	127	2,60
CSTFE950DO	CSTFE950D2	50	185	35	112	30	241	M45x3	106	156	3,40
CSTFE960DO	CSTFE960D2	60	210	44	135	38	277,5	M52x3	115	245	5,90
CSTFE970DO	CSTFE970D2	70	235	49	160	42	315	M56x4	125	315	8,20
CSTFE980DO	CSTFE980D2	80	270	55	180	47	360	M64x4	140	400	13,10

FC = CARICO DINAMICO AMMESSO - MAX DYNAMIC LOAD - MAX DYNAMISCHE LAST

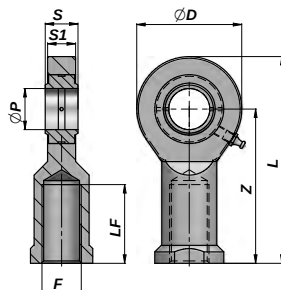
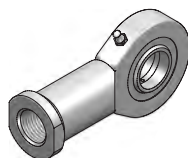
* NON RILUBRIFICABILE - WITHOUT GREASE NIPPLE - NICHT NACHSCHMIERBAR

** RILUBRIFICABILE MEDIANTE FORO - LUBRICATING HOLE IN THE HEAD - DURCH BOHRUNG NACHSCHMIERBAR

MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL ISO 12240-4 SERIE E - TIPO M

CSTFI...DO

TERMINALE A SNODO RILUBRIFICABILE
BALL-JOINT END WITH GREASE NIPPLE
NACHSCHMIERBARER GELENKKOPF



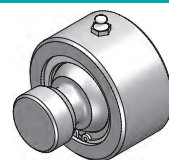
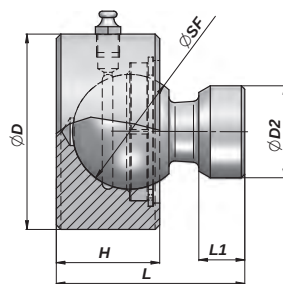
Codice Code Bestell-Nr. Type DO	Codice Code Bestell-Nr. Type DO...2RS	ØP	Z	S	ØD	S1	L	F	LF	FC (kN)	kg
*CSTFI806DO		6	30	6	21	4,3	40,5	M6x1	11	3,4	0,02
*CSTFI808DO		8	36	8	24	6	48	M8x1,25	15	5,5	0,04
*CSTFI810DO		10	43	9	29	7	57,5	M10x1,5	20	8,1	0,06
*CSTFI812DO		12	50	10	34	8	67	M12x1,75	24	10,8	0,09
**CSTFI815DO		15	61	12	40	10	81	M14x2	30	17	0,18
**CSTFI817DO	**CSTFI817D2	17	67	14	46	11	90	M16x2	34	21,2	0,22
**CSTFI820DO	**CSTFI820D2	20	77	16	53	13	103,5	M20x1,5	40	30	0,35
CSTFI825DO	CSTFI825D2	25	94	20	64	17	126	M24x2	48	48	0,64
CSTFI830DO	CSTFI830D2	30	110	22	73	19	146,5	M30x2	56	62	0,93
	CSTFI835D2	35	125	25	82	21	166	M36x3	60	80	1,30
	CSTFI840D2	40	142	28	92	23	188	M39x3	67	100	2,01
	CSTFI845D2	45	145	32	102	27	196	M42x3	65	127	2,50
	CSTFI850D2	50	160	35	112	30	216	M45x3	69	156	3,50
	CSTFI860D2	60	175	44	135	38	242	M52x3	73	245	5,50
	CSTFI870D2	70	200	49	160	42	280	M56x4	80	315	8,60
	CSTFI880D2	80	230	55	180	47	320	M64x4	85	400	12,00

FC = CARICO DINAMICO AMMESSO - MAX DYNAMIC LOAD - MAX DYNAMISCHE LAST

* NON RILUBRIFICABILE - WITHOUT GREASE NIPPLE - NICHT NACHSCHMIERBAR

** RILUBRIFICABILE MEDIANTE FORO - LUBRICATING HOLE IN THE HEAD - DURCH BOHRUNG NACHSCHMIERBAR

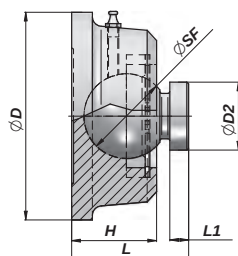
MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL ISO 12240-4 SERIE E - TIPO F



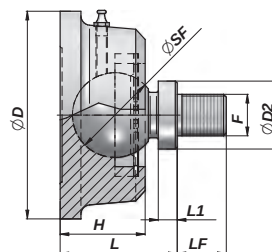
Codice Code Bestell-Nr.	ØSF	ØD2	ØD	L	H	L1	FC (kN)	kg
CSB0500000	50	40	85	82	45	20	68,6	2,20
CSB0600000	60	50	98	100	50	25	107,8	3,40
CSB0700000	70	60	105	115	60	30	132,3	4,80

FC = CARICO DINAMICO AMMESSO - MAX DYNAMIC LOAD - MAX DYNAMISCHE LAST

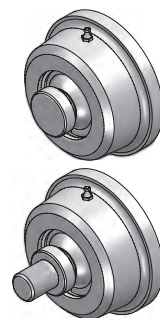
MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL UNI C40



TYPE A



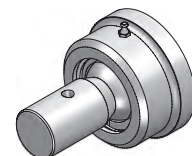
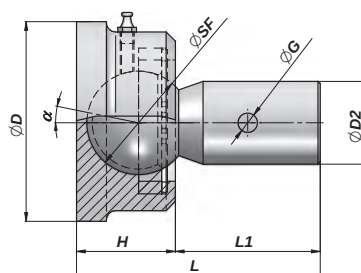
TYPE B



Codice Code Bestell-Nr.	Type	ØSF	ØD2	ØD	L	H	L1	F	LF	FC (kN)	kg
CSB0001980	A	45	30	110	62	45	9			107,8	2,20
CSB0001982	A	55	45	95	78	55	8			147	2,88
CSB0001984	A	65	64	107	88	58	9			225,5	3,96
CSB0001986	B	45	30	110	61	45		M22x1,5	26	107,8	2,42
CSB0001988	B	55	45	95	78	55		M32x2	35	147	3,10

FC = CARICO DINAMICO AMMESSO - MAX DYNAMIC LOAD - MAX DYNAMISCHE LAST

MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL UNI C40

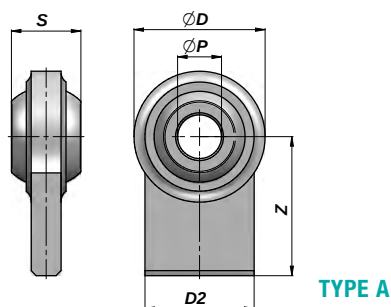
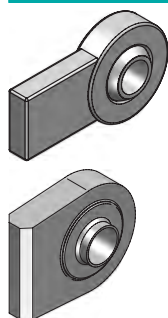
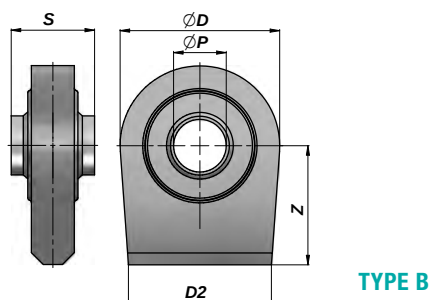


Codice Code Bestell-Nr.	ØSF	ØD2	ØD	L	H	L1	ØG	α	FC (kN)	kg
CSB0001700 (*)	45	36	88	106	43	63		25	78,4	2,18
CSB0001701 (*)	45	36	88	106	43	63	8,4		78,4	2,40
CSB0001702 (*)	55	36	92	118,5	53,5	65	8,4		137,2	3,10

FC = CARICO DINAMICO AMMESSO - MAX DYNAMIC LOAD - MAX DYNAMISCHE LAST

(*) = L'INGRASSATORE E' INCLINATO DI CIRCA 6° PER FAVORIRE L'INGRASSAGGIO - (*) = GREASE NIPPLE IS TILTED OF ABOUT 6° TO FACILITATE GREASING -
(*) = DER SCHMIERNIPPEL IST UM CA. 6° GENEIGT, UM DIE SCHMIERUNG ZU ERLEICHTERN

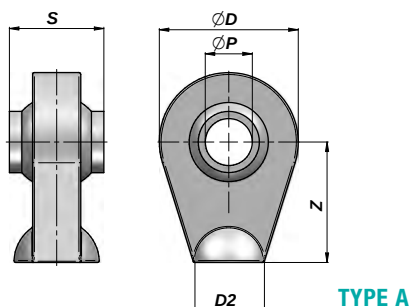
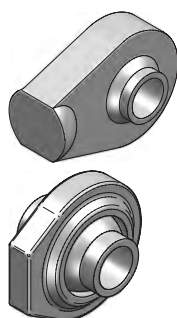
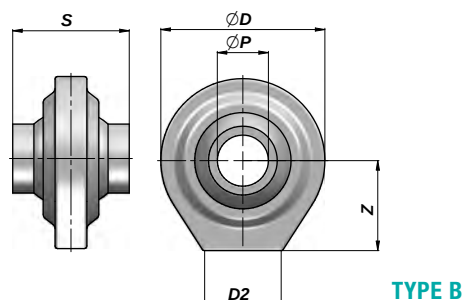
MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL UNI C40


TYPE A

TYPE B

Codice Code Bestell-Nr.	CAT	ØP (A12)	Z	S (h11)	ØD	D2	Type	kg
CSR0010495	-	16	60	20	46	30	A	0,27
CSR0010497	-	19	43	35	65	50	A	0,56
CSR0010498	1	22,1	43	35	65	50	A	0,54
CSR0010500	1	22,1	50	35	67	60	B	0,72
CSR0010505	1	22,1	75	35	67	58	B	0,94
CSR0010576	2	28,4	80	45	85	70	B	1,44

ACCOPPIAMENTO - COUPLING - PAARUNG: ACCIAIO/ACCIAIO - STEEL/STEEL - STAHL/STAHL

MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL C40 - UNI EN 10083-1


TYPE A

TYPE B

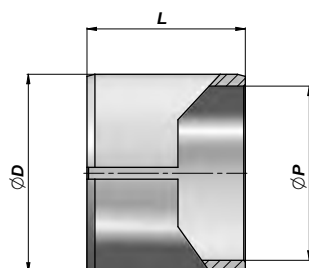
Codice Code Bestell-Nr.	CAT	ØP (A12)	Z	S (h11)	ØD	D2	Type	Base	kg
CSR0010695	1	19	50	44	55	25	A	(1)	0,42
CSR0010700	1	19	34	44	62	30x13	B	(2)	0,44
CSR0010705	1	19	50	44	62	30	A	(2)	0,54
CSR0010708	1	19	58	44	62	34	A	(2)	0,60
CSR0010710	1	19	60	44	62	34	A	(2)	0,62
CSR0010720	-	20	58	44	62	34	A	(2)	0,61
CSR0010725	-	22,1	50	35	62	26	A	(2)	0,52
CSR0010735	2	25,4	65	40	75	38	A	(2)	0,90
CSR0010740	2	25,4	65	51	75	38	A	(2)	0,94
CSR0010750	2	25,4	65	51	83	50	A	(2)	1,38
CSR0010760	2	25,4	70	51	85	50	A	(2)	1,62
CSR0010780	-	30	70	51	85	50	A	(2)	1,56
CSR0010810	-	30	65	55	83	50	A	(2)	1,36
CSR0010812	-	35	65	35	83	50	A	(2)	1,20
CSR0010820	-	40	85	75	108	60	A	(2)	3,42
CSR0010840	-	45	85	75	108	60	A	(2)	3,22
CSR0010860	-	50	85	75	108	60	A	(2)	3,02

(1) = BASE GREZZA - ROUGH BASE - RAUHE BASIS

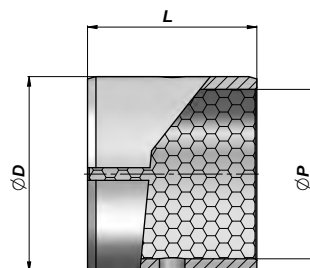
(2) = BASE SPIANATA - FLAT BASE - PLANBEARBEITETE BASIS

ACCOPPIAMENTO - COUPLING - PAARUNG: ACCIAIO/ACCIAIO - STEEL/STEEL - STAHL/STAHL

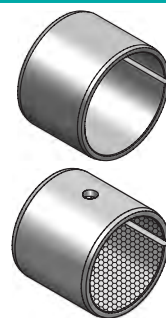
MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL C40 - UNI EN 10083-1



TYPE ADU



TYPE AKX



Codice Code Bestell-Nr. Type ADU	Codice Code Bestell-Nr. Type AKX	ØP	ØD	L	kg x 100
ADU020023010	AKX020023010	20	23	10	0,80
ADU020023020	AKX020023020	20	23	20	1,50
ADU025028015	AKX025028015	25	28	15	1,40
ADU025028020	AKX025028020	25	28	20	1,90
ADU025028025	AKX025028025	25	28	25	2,40
ADU030034020	AKX030034020	30	34	20	3,10
ADU030034030	AKX030034030	30	34	30	4,60
ADU030034040	AKX030034040	30	34	40	6,20
ADU035039020	AKX035039020	35	39	20	3,60
ADU035039030	AKX035039030	35	39	30	5,40
ADU035039040	AKX035039040	35	39	40	7,20
ADU035039050	AKX035039050	35	39	50	9,00
ADU040044020	AKX040044020	40	44	20	4,10
ADU040044030	AKX040044030	40	44	30	6,10
ADU040044040	AKX040044040	40	44	40	8,20
ADU040044050	AKX040044050	40	44	50	10,20

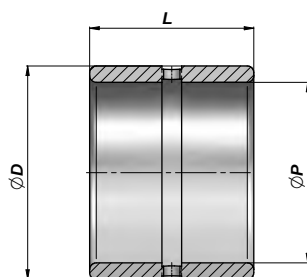
MATERIALE - MATERIAL:

ADU = ACCIAIO - STEEL - STAHL + PTFE

AKX = ACCIAIO - STEEL - STAHL + BRONZO - BRONZE + POM

BOCCOLA CEMENTATA TEMPRATA E RETTIFICATA
CASE - HARDENED AND GROUND BUSHING
EINSATZGEHÄRTETE UND GESCHLIFFENE BUCHSE

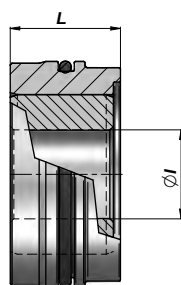
CBAGF



Codice Code Bestell-Nr.	ØP	ØD	L	kg
CBAGF04030040	30	40	40	0,15
CBAGF05040050	40	50	50	0,23
CBAGF05040055	40	50	55	0,28
CBAGF05040070	40	50	70	0,37
CBAGF06050060	50	60	60	0,38
CBAGF06050090	50	60	90	0,59

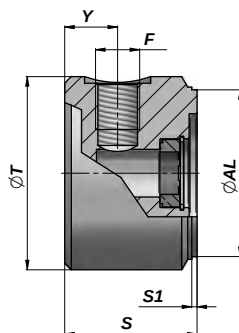
MATERIALE - MATERIAL:

ACCIAIO - STEEL - STAHL



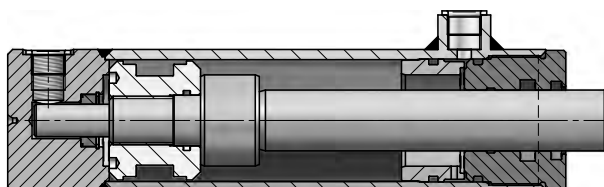
Codice Code Bestell-Nr.	Alesaggio/Stelo Bore/Rod Kolben-Ø/Kolbestange	ØI	L	kg	Confezione Box Verpackung	Pz Pcs Stk
CBDFO06003030	60/30	25	30	0,48	Z25CBDFO6003030	25
CBDFO06003530	60/35	25	30	0,48	Z25CBDFO6003530	25
CBDFO06004030	60/40	28	30	0,45	Z25CBDFO6004030	25
CBDFO06303030	63/30	25	30	0,53	Z25CBDFO6303030	25
CBDFO06303530	63/35	25	30	0,53	Z25CBDFO6303530	25
CBDFO06304030	63/40	28	30	0,51	Z25CBDFO6304030	25
CBDFO07003030	70/30	25	30	0,69	Z25CBDFO7003030	25
CBDFO07003530	70/35	25	30	0,69	Z25CBDFO7003530	25
CBDFO07004030	70/40	28	30	0,67	Z25CBDFO7004030	25
CBDFO07004530	70/45	28	30	0,67	Z25CBDFO7004530	25

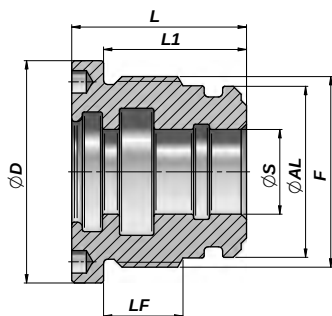
MATERIALE - MATERIAL:
 ACCIAIO + GHISA OLEODINAMICA
 STEEL + HYDRAULIC CAST IRON - STAHL + HYDRAULIKGUSS



Codice Code Bestell-Nr.	ØAL	ØT	F BSP	Y	S	S1	kg	Confezione Box Verpackung	Pz Pcs Stk
CFD0600700625	60	70	3/8"	20	50	2	1,32	Z10CFD0600706	10
CFD0630730625	63	73	3/8"	20	50	2	1,44	Z10CFD0630736	10
CFD0700800625	70	80	3/8"	20	50	2	1,77	Z10CFD0700806	10
CFD0800920825	80	92	1/2"	20	50	2	2,30	Z05CFD0800928	5
CFD1001150825	100	115	1/2"	20	50	2	3,65	Z05CFD1001158	5

MATERIALE - MATERIAL:
 ACCIAIO + BRONZO - STEEL + BRONZE - STAHL + BRONZE



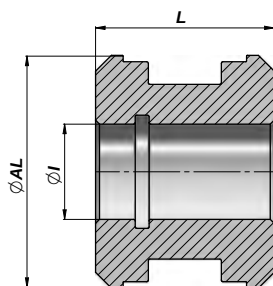


Codice Code Bestell-Nr.	ØAL	ØS	ØD	F	LF	L	L1	kg	Set guarnizioni Seal kits Dichtsätze
CGIN134112034	1"1/2	3/4"	1.875	1"3/4 - 12 UN	0.875	1.812	1.500	0,36	GKGGP1120034
CGIN212200118	2"	1"1/8	2.520	2"1/4 - 16 UN	0.827	1.875	1.500	0,55	GKGGP2000118
CGIN300212118	2"1/2	1"1/8	2.992	2"3/4 - 16 UN	0.906	2.250	1.875	1,10	GKGGP2120118
CGIN300212114	2"1/2	1"1/4	"	"	"	"	"	1,00	GKGGP2120114
CGIN300212112	2"1/2	1"1/2	"	"	"	"	"	0,85	GKGGP2120112
CGIN312300112	3"	1"1/2	3.504	3"1/4 - 16 UN	1.181	2.300	1.925	1,50	GKGGP3000112
CGIN312300134	3"	1"3/4	"	"	"	"	"	1,33	GKGGP3000134
CGIN400312134	3"1/2	1"3/4	4.016	3"3/4 - 12 UN	1.260	2.375	2.000	2,35	GKGGP3120134
CGIN400312200	3"1/2	2"	"	"	"	"	"	2,10	GKGGP3120200
CGIN412400200	4"	2"	4.488	4"1/4 - 12 UN	1.772	3.250	2.750	4,00	GKGGP4000200
CGIN412400212	4"	2"1/2	"	"	"	"	"	3,20	GKGGP4000212
CGIN558500212	5"	2"1/2	5.669	5"1/4 - 12 UN	1.969	3.375	2.875	6,80	GKGGP5000212
CGIN558500234	5"	2"3/4	"	"	"	"	"	6,30	GKGGP5000234
CGIN558500300	5"	3"	"	"	"	"	"	5,80	GKGGP5000300
CGIN634600300	6"	3"	6.693	6"1/4 - 12 UN	2.165	3.688	3.125	9,40	GKGGP6000300
CGIN634600312	6"	3"1/2	"	"	"	"	"	8,30	GKGGP6000312

MATERIALE - MATERIAL:
GHISA OLEODINAMICA - HYDRAULIC CAST IRON - HYDRAULIKGUSS UNI 5007-G25

GUARNIZIONI: VEDI PAGINA 95
SEALS: SEE PAGE 95 - DICHTUNGEN: SIEHE SEITE 95

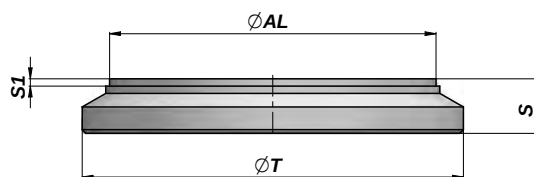
PISTONE IN POLLICI
INCH PISTON
KOLBEN IN ZOLL



Codice Code Bestell-Nr.	ØAL	ØI	L	kg	Set guarnizioni Seal kits Dichtsätze
CTIN112016100	1"1/2	0.630	1.000	0,11	GKGTP112M160
CTIN200020112	2"	0.787	1.500	0,30	GKGTP200M200
CTIN212020112	2"1/2	0.787	1.500	0,58	GKGTP212M200
CTIN212023112	2"1/2	0.906	1.500	0,53	GKGTP212M230
CTIN300030134	3"	1.181	1.750	0,82	GKGTP300M300
CTIN312033134	3"1/2	1.299	1.750	1,20	GKGTP312M330
CTIN400033134	4"	1.299	1.750	1,88	GKGTP400M330
CTIN500040200	5"	1.575	2.188	3,35	GKGTP500M400
CTIN600052214	6"	2.047	2.375	5,90	GKGTP600M520

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL 9SMn28

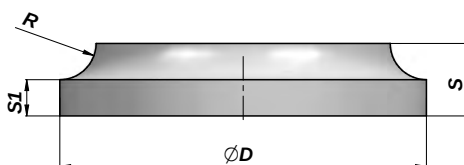
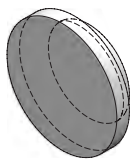
GUARNIZIONI: VEDI PAGINA 95
SEALS: SEE PAGE 95 - DICHTUNGEN: SIEHE SEITE 95



Codice Code Bestell-Nr.	ØAL	ØT	S	S1	kg
CFIN112200012	1"1/2	1.875	0.500	0.094	0,15
CFIN200212012	2"	2.500	0.500	0.125	0,26
CFIN212300012	2"1/2	2.963	0.500	0.125	0,38
CFIN300312012	3"	3.543	0.590	0.125	0,66
CFIN312400034	3"1/2	3.937	0.690	0.125	1,00
CFIN400412034	4"	4.500	0.750	0.125	1,45
CFIN500558078	5"	5.709	0.880	0.125	2,75
CFIN600634100	6"	6.750	1.000	0.125	4,30

MATERIALE - MATERIAL:

ACCIAIO - STEEL - STAHL S355J0 (Fe510C) - S355JR (A105)



Codice Code Bestell-Nr.	ØAL	ØD	S	S1	R	kg
CFIP012200	2"	2.047	0.472	0.196	0.276	0,17
CFIP015212	2"1/2	2.559	0.591	0.315	0.276	0,27
CFIP015300	3"	3.071	0.591	0.276	0.315	0,47
CFIP017312	3"1/2	3.543	0.669	0.354	0.315	0,77
CFIP020400	4"	4.055	0.787	0.393	0.394	1,10
CFIP023500	5"	5.039	0.906	0.434	0.472	1,90
CFIP025600	6"	6.063	0.984	0.512	0.472	3,30

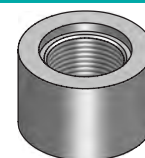
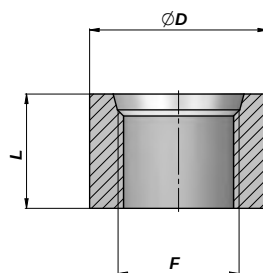
Ø AL = TUBO: ALESAGGIO - TUBE: BORE - ZYLINDERROHR: INNEN Ø

MATERIALE - MATERIAL:

ACCIAIO - STEEL - STAHL S355J0 (Fe510C) - S355JR (A105)

BORCHIA FILETTATA IN POLLICI
INCH THREADED PORT
ANSCHLUSSGEWINDE IN ZOLL

CBSJ

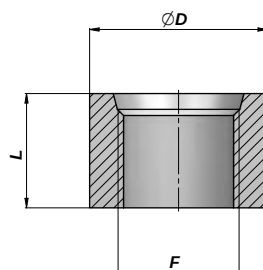


Codice Code Bestell-Nr.	F	L	ØD	kg x 100
CBSJ475006	9/16" - 18 SAE 06	0.708	0.866	3,50
CBSJ475008	3/4" - 16 SAE 08	0.708	1.102	5,20
CBSJ475012	1"1/16 - 12 SAE 12	1.023	1.496	13,00
CBSJ475016	1"1/2 - 12 SAE 16	1.259	1.771	20,50

MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL 9SMn28

BORCHIA FILETTATA IN POLLICI
INCH THREADED PORT
ANSCHLUSSGEWINDE IN ZOLL

CBSNPT

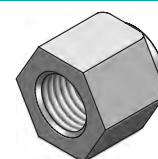
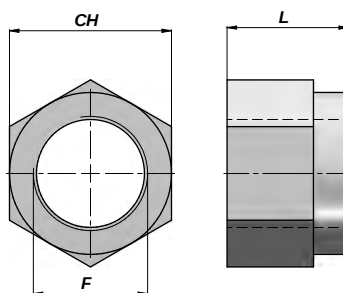


Codice Code Bestell-Nr.	F	L	ØD	kg x 100
CBSNPT0000014	1/4" NPT	0.500	1.024	3,00
CBSNPT0000038	3/8" NPT	0.500	1.024	3,00
CBSNPT0000012	1/2" NPT	0.687	1.260	6,00
CBSNPT0000034	3/4" NPT	0.687	1.496	8,00

MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL 9SMn28

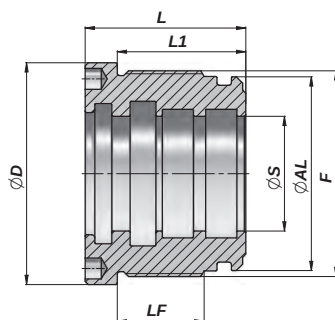
DADO AUTOBLOCCANTE IN POLLICI
INCH LOCKNUT
SELBSTSPERRENDE MUTTER IN ZOLL

CDAIN/CDBIN



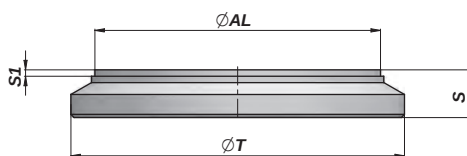
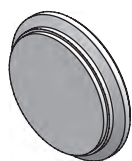
Codice Code Bestell-Nr.	F	L	CH	kg x 100	Codice Code Bestell-Nr.	F	L	CH	kg x 100
CDAIN00012020	1/2" - 20 UNF	0.591	0.748	2,00	CDBIN00114012	1"1/4 - 12 UNF	1.102	1.811	24,00
CDAIN00058018	5/8" - 18 UNF	0.748	0.945	5,00					
CDAIN00034016	3/4" - 16 UNF	0.866	1.063	7,00					
CDAIN00078014	7/8" - 14 UNF	0.984	1.260	10,00					
CDAIN00118012	1"1/8 - 12 UNF	1.181	1.614	21,00					
CDAIN00114012	1"1/4 - 12 UNF	1.378	1.811	34,00					
CDAIN00112012	1"1/2 - 12 UNF	1.614	2.165	48,00					

MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL UNI 7473 - 7474

CGXX
TESTATA DI GUIDA IN INOX
STAINLESS STEEL HEAD BUSH
KOLBENSTANGENFÜHRUNG AUS ROSTFREIEM STAHL

 GUARNIZIONI: VEDI PAGINA 95
 SEALS: SEE PAGE 95
 DICHTUNGEN: SIEHE SEITE 95

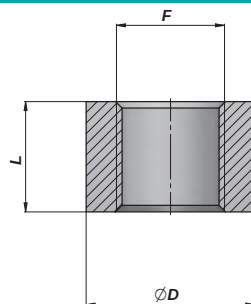
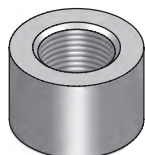
Codice Code Bestell-Nr.	ØAL	ØS	ØD	F	LF	L	L1	kg	Set guarnizioni Seal kits Dichtsätze
CGXX050040020	40	20	49	M44x1,5	19	40	32	0,28	GKGCXX040020
CGXX050040025	40	25	49	M44x1,5	19	40	32	0,23	GKGCXX040025
CGXX060050025	50	25	59	M54x1,5	22	43	35	0,46	GKGCXX050025
CGXX060050030	50	30	59	M54x1,5	22	43	35	0,39	GKGCXX050030
CGXX070060030	60	30	69	M64x1,5	27	50	40	0,80	GKGCXX060030
CGXX070060035	60	35	69	M64x1,5	27	50	40	0,70	GKGCXX060035
CGXX070060040	60	40	69	M64x1,5	27	50	40	0,60	GKGCXX060040
CGXX080070035	70	35	79	M74x1,5	27	50	40	1,06	GKGCXX070035
CGXX080070040	70	40	79	M74x1,5	27	50	40	0,94	GKGCXX070040
NEW! CGXX095080040	80	40	94	M85x2	33	60	50	1,90	GKGCXX080040

MATERIALE - MATERIAL: AISI 316 ACCIAIO INOSSIDABILE - STAINLESS STEEL - ROSTFREIEM STAHL

CFX
FONDELLO IN INOX
STAINLESS STEEL END-PLUG
ZYLINDERBODEN AUS ROSTFREIEM STAHL


Codice Code Bestell-Nr.	ØAL	ØT	S	S1	kg
CFX00040050	40	50	10	2	0,13
CFX00050060	50	60	10	2	0,19
CFX00060070	60	70	12	2	0,33
CFX00070080	70	80	12	2	0,43
NEW! CFX00080095	80	95	12	2	0,60

MATERIALE - MATERIAL: AISI 316 ACCIAIO INOSSIDABILE - STAINLESS STEEL - ROSTFREIEM STAHL

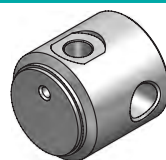
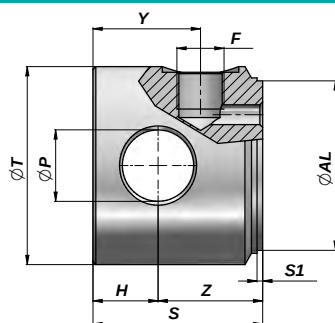
CBSX
BORCHIA FILETTATA IN INOX
STAINLESS STEEL THREADED PORT
ANSCHLUSSBGWINDE AUS ROSTFREIEM STAHL


Codice Code Bestell-Nr.	F BSP	L	ØD	kg
CBSX040000	1/4"	15	20	3,00
CBSX060000	3/8"	17	26	4,00
NEW! CBSX080000	1/2"	20	32	4,00

MATERIALE - MATERIAL: AISI 316 ACCIAIO INOSSIDABILE - STAINLESS STEEL - ROSTFREIEM STAHL

FONDELLO IN INOX CON FORO ED ENTRATA OLIO
STAINLESS STEEL END PLUG WITH CROSS HOLE AND INLET PORT
ZYLINDERBODEN AUS ROSTFREIEM STAHL MIT BOHRUNG UND ÖLEINLASS

CFEX

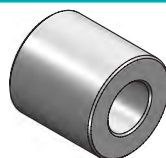
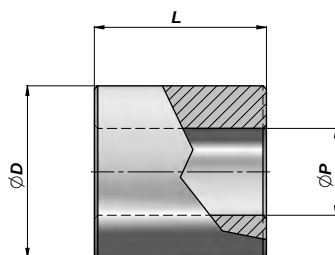


Codice Code Bestell-Nr.	ØAL	ØT	ØP	Z	H	F BSP	Y	S	S1	kg
CFEX040050416	40	50	16,20	35	15	1/4"	30	50	2	0,60
CFEX050060620	50	60	20,25	40	20	3/8"	38	60	2	1,10
CFEX060070625	60	70	25,25	37	23	3/8"	38	60	2	1,40
CFEX070080625	70	80	25,25	37	23	3/8"	38	60	2	1,95

MATERIALE - MATERIAL: AISI 316 ACCIAIO INOSSIDABILE - STAINLESS STEEL - ROSTFREIEM STAHL

BOCCOLA IN INOX
STAINLESS STEEL BUSH
BUCHSE AUS ROSTFREIEM STAHL

CBX

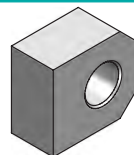
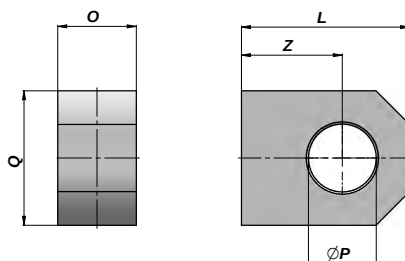


Codice Code Bestell-Nr.	ØP	ØD	L	kg
CBX016035030	16,20	35	30	0,18
CBX020040040	20,25	40	40	0,29
CBX025050050	25,25	50	50	0,56
CBX030060060	30,25	60	60	0,97

MATERIALE - MATERIAL: AISI 316 ACCIAIO INOSSIDABILE - STAINLESS STEEL - ROSTFREIEM STAHL

OCCHIO FISSO IN INOX
STAINLESS STEEL MALE CLEVIS
FESTAUGE AUS ROSTFREIEM STAHL

COFX

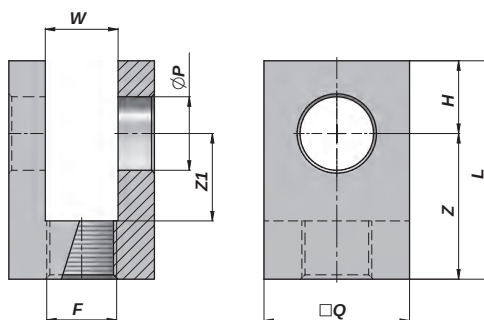
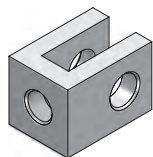


Codice Code Bestell-Nr.	ØP	O	Q	Z	L	kg
COFX0200000	20,25	25	45	30	50	0,35

MATERIALE - MATERIAL: AISI 316 ACCIAIO INOSSIDABILE - STAINLESS STEEL - ROSTFREIEM STAHL

CFFX

FORCELLA FILETTATA IN INOX
STAINLESS STEEL THREADED FORK
GABEL AUS ROSTFREIEM STAHL MIT GEWINDE



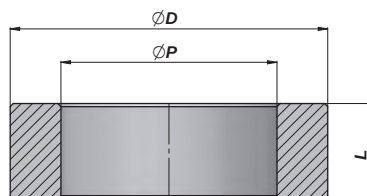
Codice Code Bestell-Nr.	ØP	L	Z	Z1	H	□Q	W	F	kg
CFFX0161615	16,20	55	39	24	16	35	16	M16x1,5	0,30
CFFX0202015	20,25	65	45	30	20	40	20	M20x1,5	0,40
CFFX0252420	25,25	75	50	30	25	50	25	M24x2	0,75

MATERIALE - MATERIAL: AISI 316 ACCIAIO INOSSIDABILE - STAINLESS STEEL - ROSTFREIEM STAHL

CAGEX

NEW!

ANELLO A SALDARE IN INOX PER SNODO "GE TGR"
STAINLESS STEEL WELD-RING FOR "GE TGR" BALL-JOINT
SCHWEISSBARER RING AUS ROSTFREIEM STAHL FÜR GELENKLAGER "GE TGR"

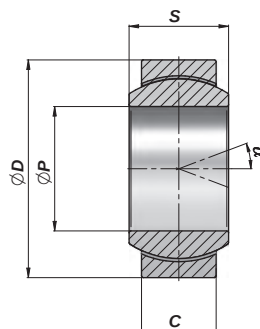


Codice Code Bestell-Nr.	Per For Für	ØD	L	ØP	kg
CAGEX050035	GE ø20	50	14	35	0,11
CAGEX069042	GE ø25	69	19	42	0,35
CAGEX075047	GE ø30	75	20	47	0,41
CAGEX094062	GE ø40	94	26	62	0,79

MATERIALE - MATERIAL: AISI 316 ACCIAIO INOSSIDABILE - STAINLESS STEEL - ROSTFREIEM STAHL

GE TGR

SNODO SFERICO RADIALE NON RICHIEDENTE MANUTENZIONE
MAINTENANCE FREE RADIAL BALL-JOINT
WARTUNGSFREIES RADIALGELENKLAGER



TYPE TGR

Codice Code Bestell-Nr. Type TGR	ØP	ØD	S	C	α	FC (kN)	kg
CGE0003603	20	35	16	12	9	41,5	0,06
CGE0003604	25	42	20	16	7	68	0,12
CGE0003605	30	47	22	18	6	88	0,16
CGE0003607	40	62	28	22	7	140	0,32

FC = CARICO DINAMICO AMMESSO - MAX DYNAMIC LOAD - MAX DYNAMISCHE LAST

ACCOPPIAMENTO - COUPLING - PAARUNG: CROMO DURO/PTFE - HARTCHROM/PTFE - CHROM/PTFE

MATERIALE - MATERIAL: AISI 316 ACCIAIO INOSSIDABILE - STAINLESS STEEL - ROSTFREIEM STAHL

TUBO LUCIDO H9
POLISHED TUBE H9
POLIERTES ZYLINDERROHR H9

FT

Codice Code Bestell-Nr.	Ø Esterno O.D. Außen Ø	Ø Interno I.D. Innen Ø	kg/m
	mm		
FT03002000	30	20	3,08
FT03502500	35	25	3,70
FT04003000	40	30	4,32
FT04203200	42	32	4,56
FT04503500	45	35	4,93
FT04804000	48	40	4,34
FT05004000	50	40	5,55
FT05504500	55	45	6,17
FT05805000	58	50	5,33
FT06005000	60	50	6,78
FT06205000	62	50	8,29
FT06505000	65	50	10,64
FT06505500	65	55	7,40
FT06806000	68	60	6,31
FT07005500	70	55	11,56
FT07006000	70	60	8,01
FT07206000	72	60	9,77
FT07306300	73	63	8,38
FT07506000	75	60	12,48
FT07506300	75	63	10,21
FT07506500	75	65	8,63
FT07807000	78	70	7,30
FT08006500	80	65	13,41
FT08007000	80	70	9,25
FT08207000	82	70	11,24
FT08507000	85	70	14,33
FT08507500	85	75	9,86
FT09007500	90	75	15,26
FT09008000	90	80	10,48
FT09208000	92	80	12,73
FT09508000	95	80	16,18
FT09508500	95	85	11,10
FT10008500	100	85	17,11
FT10009000	100	90	11,71
FT10209000	102	90	14,21
FT10509000	105	90	18,03
FT11210000	112	100	15,68
FT11510000	115	100	19,87
FT12511000	125	110	21,73

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL St 52.3 DIN 2393 ISO H9

TUBO IN POLLICI A RICHIESTA
TUBE IN INCHES ON REQUEST
ZYLINDERROHR IN ZOLL AUF ANFRAGE

POSSIAMO FORNIRE TUBI E ASTE TAGLIATI A MISURA
TUBES AND CHROME PLATED RODS CAN BE SUPPLIED CUT TO MEASURE
KOLBENSTANGEN UND ROHRE SIND AUCH NACH MASS GESCHNITTEN LIEFERBAR

TUBO LEVIGATO H8
HONED TUBE H8
GEHONTES ZYLINDERROHR H8

FTL

Codice Code Bestell-Nr.	Ø Esterno O.D. Außen Ø	Ø Interno I.D. Innen Ø	kg/m
	mm		
FTL0400300	40	30	4,31
FTL0420320	42	32	4,56
FTL0500400	50	40	5,55
FTL0550400	55	40	8,78
FTL0550450	55	45	6,16
FTL0600500	60	50	6,78
FTL0650500	65	50	10,63
FTL0650550	65	55	7,39
FTL0700500	70	50	14,79
FTL0700600	70	60	8,01
FTL0730630	73	63	8,38
FTL0750600	75	60	12,48
FTL0750630	75	63	10,21
FTL0750650	75	65	8,63
FTL0800600	80	60	17,25
FTL0800650	80	65	13,40
FTL0800700	80	70	9,24
FTL0850700	85	70	14,33
FTL0900700	90	70	19,72
FTL0900750	90	75	15,25
FTL0900800	90	80	10,48
FTL0950800	95	80	16,18
FTL1000800	100	80	22,18
FTL1000850	100	85	17,10
FTL1050900	105	90	18,02
FTL1100900	110	90	24,65
FTL1100950	110	95	18,95
FTL1151000	115	100	19,87
FTL1201000	120	100	27,11
FTL1201050	120	105	20,80
FTL1251000	125	100	34,66
FTL1251100	125	110	21,73
FTL1301100	130	110	29,58
FTL1301150	130	115	22,65
FTL1351200	135	120	23,57
FTL1401200	140	120	32,04
FTL1401250	140	125	24,49
FTL1451250	145	125	33,28
FTL1501250	150	125	42,37
FTL1501300	150	130	34,51
FTL1601400	160	140	36,97
FTL1701400	170	140	57,31
FTL1701500	170	150	39,44
FTL1801600	180	160	41,90
FTL1901600	190	160	64,70
FTL2101800	210	180	72,10
FTL2302000	230	200	79,49
FTL2402000	240	200	108,50
FTL2982500	298	250	166,00

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL St 52.3 DIN 2391 ISO H8

METRICA - METRIC - METRISCH

Codice Code Bestell-Nr.	Ø mm	kg/m
FAC008L000	8	0,40
FAC010L000	10	0,62
FAC012L000	12	0,89
FAC014L000	14	1,21
FAC015L000	15	1,39
FAC016L000	16	1,58
FAC018L000	18	2,00
FAC020L000	20	2,47
FAC022L000	22	2,98
FAC025L000	25	3,95
FAC028L000	28	4,83
FAC030L000	30	5,55
FAC032L000	32	6,31
FAC035L000	35	7,55
FAC036L000	36	7,99
FAC038L000	38	8,91
FAC040L000	40	9,86
FAC045L000	45	12,50
FAC050L000	50	15,40
FAC055L000	55	18,70
FAC056L000	56	19,30
FAC060L000	60	22,20
FAC063L000	63	24,46
FAC065L000	65	26,08
FAC070L000	70	30,20
FAC075L000	75	34,72
FAC080L000	80	39,50
FAC085L000	85	44,60
FAC090L000	90	49,91
FAC095L000	95	55,61
FAC100L000	100	61,62
FAC105L000	105	68,22
FAC110L000	110	74,60
FAC120L000	120	88,60
FAC125L000	125	96,50
FAC130L000	130	104,20
FAC140L000	140	120,84
FAC150L000	150	138,72

MATERIAL F - MATERIAL :

ACCIAIO - STEEL - STAHL UNI C45 - SAE 1045

CROMO-CHROME-CHROM: 25 MICRON ± 5 Rating 9/120 h ISO 10289 - 1999/ISO 9227-NSS

ALTRE MISURE A RICHIESTA - OTHER DIMENSIONS ON REQUEST - ANDERE MAßE AUF ANFRAGE

ASTA CROMATA A RICHIESTA:

C45 TEMPRATA A INDUZIONE

C45 CROMO 45±5 my e 70±5 my

42CrMo4 BONIFICATA

42CrM04 BONIFICATA e TEMPRATA

TUBO CROMATO ESTERNAMENTE

CHROME PLATED ROD ON REQUEST:

C45 INDUCTION-HARDENED

C45 CHROME 45±5 my and 70±5 my

42CrM04 RECLAIMED

42CrMo4 RECLAIMED and INDUCTION-HARDENED

EXTERNALLY CHROMIUM PLATED TUBE

VERCHROMTE KOLBESTANGE AUF ANFRAGE:

C45 INDUKTIV GEHÄRTET

C45 CHROM 45±5 my und 70±5 my

42CrMo4 VERGÜTET

42CrMo4 VERGÜTET und INDUKTIV GEHÄRTET

AUSSENVERCHROMTES ZYLINDERROHR

20MnV6 ASTA CROMATA
20MnV6 CHROME PLATED ROD
20MnV6 VERCHROMTE KOLBENSTANGE

FACV

Codice Code Bestell-Nr.	Ø mm	kg/m
FACV020L00	20	2,47
FACV025L00	25	3,95
FACV030L00	30	5,55
FACV035L00	35	7,55
FACV040L00	40	9,86
FACV045L00	45	12,50
FACV050L00	50	15,40
FACV060L00	60	22,20
FACV070L00	70	30,20
FACV080L00	80	39,50
FACV090L00	90	49,91
FACV100L00	100	61,69

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL 20MnV6
CROMO-CHROME-CHROM: 25 MICRON ±5
Rating 9/120 h ISO 10289 - 1999/ISO 9227-NSS

500H ASTA CROMATA
500H CHROME PLATED ROD
500H VERCHROMTE KOLBENSTANGE

FACM

Codice Code Bestell-Nr.	Ø mm	kg/m
FACM020000	20	2,47
FACM025000	25	3,95
FACM030000	30	5,55
FACM035000	35	7,55
FACM040000	40	9,86
FACM045000	45	12,50
FACM050000	50	15,40
FACM060000	60	22,20
FACM070000	70	30,20
FACM080000	80	39,50
FACM090000	90	49,91
FACM100000	100	61,69

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL UNI C45 - SAE 1045
CROMO-CHROME-CHROM: 25 MICRON ±5
Rating 9/500 h ISO 10289 - 1999/ISO 9227-NSS

AISI 304 ASTA CROMATA
AISI 304 CHROME PLATED ROD
AISI 304 VERCHROMTE KOLBENSTANGE

FAX 304

Codice Code Bestell-Nr.	Ø mm	kg/m
FAX304.020	20	2,47
FAX304.025	25	3,95
FAX304.030	30	5,55
FAX304.035	35	7,55
FAX304.040	40	9,86
FAX304.045	45	12,50
FAX304.050	50	15,40
FAX304.060	60	22,20
FAX304.070	70	30,20

MATERIALE - MATERIAL:
ACCIAIO INOSSIDABILE - STAINLESS STEEL - ROSTFREIEM STAHL: AISI 304
CROMO-CHROME-CHROM: 25 MICRON ±5

AISI 316 ASTA CROMATA
AISI 316 CHROME PLATED ROD
AISI 316 VERCHROMTE KOLBENSTANGE

FAX 316

Codice Code Bestell-Nr.	Ø mm	kg/m
FAX316.020	20	2,47
FAX316.025	25	3,95
FAX316.030	30	5,55
FAX316.035	35	7,55
FAX316.040	40	9,86
FAX316.050	50	15,40

MATERIALE - MATERIAL:
ACCIAIO INOSSIDABILE - STAINLESS STEEL - ROSTFREIEM STAHL: AISI 316
CROMO-CHROME-CHROM: 25 MICRON ±5

AISI 316 - TUBO LEVIGATO H8
AISI 316 - HONED TUBE H8
AISI 316 - GEHONTES ZYLINDERROHR H8

FTLX

Codice Code Bestell-Nr.	Ø Esterno O.D. Außen Ø	Ø Interno I.D. Innen Ø	kg/m
	mm		
FTLX050040	50	40	5,55
FTLX060050	60	50	6,78
FTLX070060	70	60	8,01
FTLX080070	80	70	9,25

MATERIALE - MATERIAL:
ACCIAIO INOSSIDABILE - STAINLESS STEEL - ROSTFREIEM STAHL: AISI 316

A RICHIESTA: ASTA ACCIAIO INOSSIDABILE RETTIFICATO (H8) - AISI 304

ON REQUEST: STAINLESS STEEL ROD RECTIFIED (H8) - AISI 304

AUF ANFRAGE: KOLBENSTANGE AUS ROSTFREIEM STAHL GESCHLIFFEN (H8) - AISI 304

ALTRE MISURE A RICHIESTA - OTHER DIMENSIONS ON REQUEST - ANDERE MASSE AUF ANFRAGE

FTE
TUBO PER CONDUTTURA
FEED PIPE
STAHLRÖHRE FÜR HYDRAULIKANLAGEN

Codice Code Bestell-Nr.	Ø mm	Spessore Thickness Wandstärke mm	kg/m
FTE0604000	6	1	0,12
FTE0603000	6	1,5	0,16
FTE0602000	6	2	0,20
FTE0806000	8	1	0,17
FTE0805000	8	1,5	0,24
FTE0804000	8	2	0,30
FTE1008000	10	1	0,22
FTE1007000	10	1,5	0,31
FTE1006000	10	2	0,39
FTE1210000	12	1	0,27
FTE1209000	12	1,5	0,38
FTE1208000	12	2	0,49
FTE1411000	14	1,5	0,46
FTE1410000	14	2	0,59
FTE1512000	15	1,5	0,49
FTE1511000	15	2	0,64
FTE1613000	16	1,5	0,53
FTE1612000	16	2	0,69
FTE1815000	18	1,5	0,61
FTE1814000	18	2	0,79
FTE1813000	18	2,5	0,96
FTE2016000	20	2	0,89
FTE2015000	20	2,5	1,08
FTE2014000	20	3	1,26
FTE2218000	22	2	0,99
FTE2217000	22	2,5	1,20
FTE2521000	25	2	1,13
FTE2520000	25	2,5	1,39
FTE2519000	25	3	1,63
FTE2824000	28	2	1,28
FTE2823000	28	2,5	1,57
FTE2822000	28	3	1,85
FTE3024000	30	3	2,00
FTE3022000	30	4	2,57

MATERIALE - MATERIAL: ACCIAIO - STEEL - STAHL
 ST 37.4 - DIN 1630 NORMALIZZATO NBK - FOSFATATO
 ST 37.4 - DIN 1630 NORMALIZED NBK - PHOSPHATED
 ST 37.4 - DIN 1630 GENORMT NBK - PHOSPHATIERT

A RICHIESTA:
 TUBO PER CONDUTTURA ZINCATO BIANCO

ON REQUEST:
 WHITE ZINC PLATED FEED PIPE

AUF ANFRAGE:
 WEISSVERZINKTE STAHLRÖHRE FÜR HYDRAULIKANLAGEN

ALTRE MISURE A RICHIESTA - OTHER DIMENSIONS ON REQUEST - ANDERE MASSE AUF ANFRAGE

FGP
GHISA
CAST IRON
HYDRAULIKGUSS

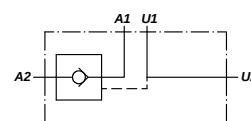
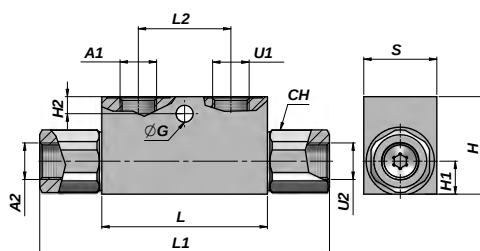
Codice Code Bestell-Nr.	Ø mm	kg/m
FGP0350000	35	7,21
FGP0400000	40	9,41
FGP0450000	45	11,91
FGP0500000	50	14,71
FGP0550000	55	17,80
FGP0600000	60	21,18
FGP0650000	65	24,86
FGP0700000	70	28,83
FGP0750000	75	33,09
FGP0800000	80	37,65
FGP0850000	85	42,51
FGP0900000	90	47,65
FGP0950000	95	53,10
FGP1000000	100	58,83
FGP1050000	105	64,86
FGP1100000	110	71,19
FGP1150000	115	77,81
FGP1200000	120	84,72
FGP1250000	125	91,93
FGP1300000	130	99,43
FGP1400000	140	115,31
FGP1450000	145	123,70
FGP1500000	150	132,37
FGP1550000	155	141,35
FGP1600000	160	150,61
FGP1700000	170	170,03
FGP1800000	180	190,62
FGP1900000	190	212,39
FGP2000000	200	235,33
FGP2100000	210	259,45
FGP2200000	220	284,75
FGP2300000	230	311,23
FGP2500000	250	367,71
FGP2600000	260	397,71
FGP2700000	270	428,89

MATERIALE - MATERIAL:
 GHISA - CAST IRON - HYDRAULIKGUSS UNI5007 - G25

VALVOLA DI BLOCCO PILOTATA - (TENUTA A CONO)
PILOT OPERATED CHECK VALVE - (POPPET TYPE)
VORGESTEUERTES SPERRVENTIL - (KEGELSPERRUNG)

SEMPLICE EFFETTO
SINGLE ACTING
EINFACHWIRKEND

VRSE-F ...FF



Codice Code Bestell-Nr.	A1-U1 BSP	A2-U2 BSP	Q MAX l/min	P MAX Bar	PILOT RATIO	Tipo Type Typ	L	L1	L2	H1	H2	ØG	CH	H	S	kg
VSG311.F00404	1/8"	1/8"	20	350	1:4	VRSE-F 005 FF	53	86	20	11	-	-	17	30	20	0,30
VSG311.F10454	1/4"	1/4"	30	350	1:4,5	VRSE-F 010 FF	68	118	38	13	7	7	24	40	30	0,68
VSG311.F15454	3/8"	3/8"	30	350	1:4,5	VRSE-F 015 FF	68	118	38	13	7	7	24	40	30	0,63
VSG311.F20404	3/8"	3/8"	50	300	1:4	VRSE-F 020 FF	80	144	40	16	15	8,5	27	50	30	0,97
VSG311.F25404	1/2"	1/2"	50	300	1:4	VRSE-F 025 FF	80	144	40	16	15	8,5	27	50	30	0,90
VSG311.F30404	1/2"	1/2"	80	300	1:4	VRSE-F 030 FF	90	171	40	20	15	8,5	30	60	40	1,69
VSG311.F40404	3/4"	3/4"	120	300	1:4	VRSE-F 040 FF	107	196	60	23	16	8,5	41	70	50	3,06

PRESSIONE DI APERTURA - OPENING PRESSURE - ÖFFNUNGSDRUCK: BAR 0,5 - **4 (standard)** - 8

MONTAGGIO SU CILINDRO
 CYLINDER MOUNTING
 MONTAGE AM ZYLINDER

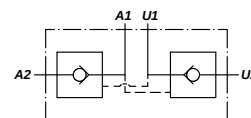
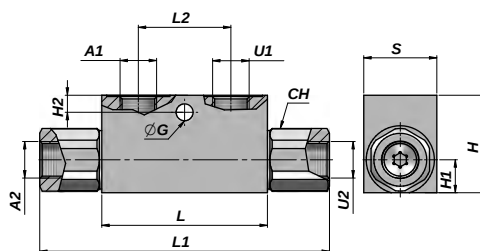
MATERIALE - MATERIAL:
 ACCIAIO - STEEL - STAHL

ACCESSORI: VEDI PAG 89
 ACCESSORIES: SEE PAGE 89
 ZUBEHÖRE: SIEHE SEITE 89

VALVOLA DI BLOCCO PILOTATA - (TENUTA A CONO)
PILOT OPERATED CHECK VALVE - (POPPET TYPE)
VORGESTEUERTES SPERRVENTIL - (KEGELSPERRUNG)

DOPPIO EFFETTO
DOUBLE ACTING
DOPPELWIRKEND

VRDE-F ...FF



Codice Code Bestell-Nr.	A1-U1 BSP	A2-U2 BSP	Q MAX l/min	P MAX Bar	PILOT RATIO	Tipo Type Typ	L	L1	L2	H1	H2	ØG	CH	H	S	kg
VSG312.F00404	1/8"	1/8"	20	350	1:4	VRDE-F 005 FF	53	86	20	11	-	-	17	30	20	0,30
VSG312.F10454	1/4"	1/4"	30	350	1:4,5	VRDE-F 010 FF	68	118	38	13	7	7	24	40	30	0,69
VSG312.F15454	3/8"	3/8"	30	350	1:4,5	VRDE-F 015 FF	68	118	38	13	7	7	24	40	30	0,64
VSG312.F20404	3/8"	3/8"	50	300	1:4	VRDE-F 020 FF	80	144	40	16	15	8,5	27	50	30	0,98
VSG312.F25404	1/2"	1/2"	50	300	1:4	VRDE-F 025 FF	80	144	40	16	15	8,5	27	50	30	0,91
VSG312.F30404	1/2"	1/2"	80	300	1:4	VRDE-F 030 FF	90	171	40	20	15	8,5	30	60	40	1,72
VSG312.F40404	3/4"	3/4"	120	300	1:4	VRDE-F 040 FF	107	196	60	23	16	8,5	41	70	50	3,11

PRESSIONE DI APERTURA - OPENING PRESSURE - ÖFFNUNGSDRUCK: BAR 0,5 - **4 (standard)** - 8

MONTAGGIO SU CILINDRO
 CYLINDER MOUNTING
 MONTAGE AM ZYLINDER

MATERIALE - MATERIAL:
 ACCIAIO - STEEL - STAHL

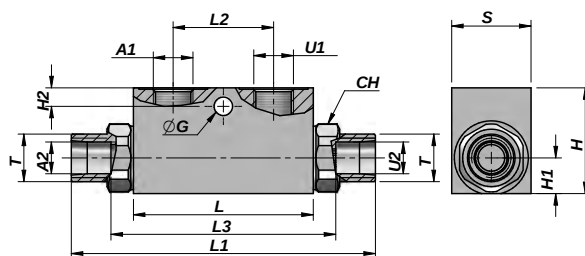
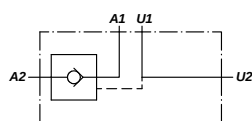
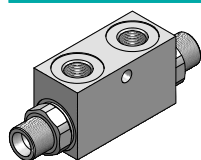
ACCESSORI: VEDI PAG 89
 ACCESSORIES: SEE PAGE 89
 ZUBEHÖRE: SIEHE SEITE 89

PER LA GAMMA COMPLETA DI VALVOLE E RACCORDI CONSULTARE IL CATALOGO «B».
 FOR A COMPLETE RANGE OF VALVES AND FITTINGS PLEASE SEE CATALOGUE «B».
 FÜR DIE KOMPLETTE PALETTE VON VENTILEN UND VERSCHRAUBUNGEN BITTE KATALOG «B» SEHEN.

VRSE-AZ ...FF

SEMPLICE EFFETTO
SINGLE ACTING
EINFACHWIRKEND

VALVOLA DI BLOCCO PILOTATA DIN 2353 - (TENUTA A CONO)
PILOT OPERATED CHECK VALVE DIN 2353 - (POPPET TYPE)
VORGESTEUERTES SPERRVENTIL DIN 2353 - (KEGELSPERRUNG)



Codice Code Bestell-Nr.	A1-U1 BSP	A2-U2	T	Q MAX l/min	P MAX Bar	PILOT RATIO	Tipo Type Typ	L	L1	L2	L3	H1	H2	ØG	CH	H	S	kg
VSG321.F10454	1/4"	Ø12	M18x1,5	30	350	1:4,5	VRSE-AZ 010 FF	68	138	38	86	13	7	7	24	40	30	0,67
VSG321.F15454	3/8"	Ø12	M18x1,5	30	350	1:4,5	VRSE-AZ 015 FF	68	138	38	86	13	7	7	24	40	30	0,66
VSG321.F20404	3/8"	Ø15	M22x1,5	50	300	1:4	VRSE-AZ 020 FF	80	166	40	108	16	15	8,5	27	50	30	0,97
VSG321.F25404	1/2"	Ø15	M22x1,5	50	300	1:4	VRSE-AZ 025 FF	80	166	40	108	16	15	8,5	27	50	30	0,91
VSG321.F30404	1/2"	Ø18	M26x1,5	80	300	1:4	VRSE-AZ 030 FF	90	180	40	133	20	15	8,5	30	60	40	1,67

PRESSIONE DI APERTURA - OPENING PRESSURE - ÖFFNUNGSDRUCK: BAR 0,5 - 4 (standard) - 8

SENZA DADO E ANELLO DI SERRAGGIO
WITHOUT NUT AND CUTTING RING - OHNE ÜBERWURFMUTTER UND SCHNEIDRING

MONTAGGIO SU CILINDRO
CYLINDER MOUNTING
MONTAGE AM ZYLINDER

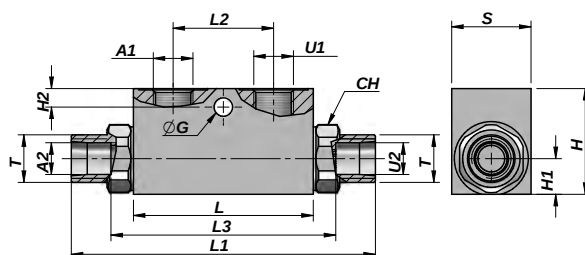
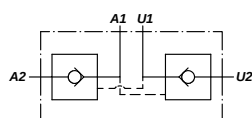
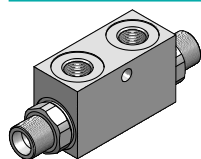
MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL

ACCESSORI: VEDI PAG 89
ACCESSORIES: SEE PAGE 89
ZUBEHÖRE: SIEHE SEITE 89

VRDE-AZ ...FF

DOPPIO EFFETTO
DOUBLE ACTING
DOPPELWIRKEND

VALVOLA DI BLOCCO PILOTATA DIN 2353 - (TENUTA A CONO)
PILOT OPERATED CHECK VALVE DIN 2353 - (POPPET TYPE)
VORGESTEUERTES SPERRVENTIL DIN 2353 - (KEGELSPERRUNG)



Codice Code Bestell-Nr.	A1-U1 BSP	A2-U2	T	Q MAX l/min	P MAX Bar	PILOT RATIO	Tipo Type Typ	L	L1	L2	L3	H1	H2	ØG	CH	H	S	kg
VSG322.F10454	1/4"	Ø12	M18x1,5	30	350	1:4,5	VRDE-AZ 010 FF	68	138	38	86	13	7	7	24	40	30	0,67
VSG322.F15454	3/8"	Ø12	M18x1,5	30	350	1:4,5	VRDE-AZ 015 FF	68	138	38	86	13	7	7	24	40	30	0,66
VSG322.F20404	3/8"	Ø15	M22x1,5	50	300	1:4	VRDE-AZ 020 FF	80	166	40	108	16	15	8,5	27	50	30	0,97
VSG322.F25404	1/2"	Ø15	M22x1,5	50	300	1:4	VRDE-AZ 025 FF	80	166	40	108	16	15	8,5	27	50	30	0,91
VSG322.F30404	1/2"	Ø18	M26x1,5	80	300	1:4	VRDE-AZ 030 FF	90	180	40	133	20	15	8,5	30	60	40	1,67

PRESSIONE DI APERTURA - OPENING PRESSURE - ÖFFNUNGSDRUCK: BAR 0,5 - 4 (standard) - 8

SENZA DADO E ANELLO DI SERRAGGIO
WITHOUT NUT AND CUTTING RING - OHNE ÜBERWURFMUTTER UND SCHNEIDRING

MONTAGGIO SU CILINDRO
CYLINDER MOUNTING
MONTAGE AM ZYLINDER

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL

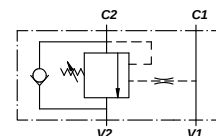
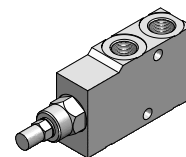
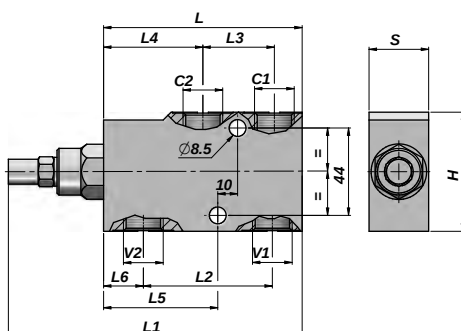
ACCESSORI: VEDI PAG 89
ACCESSORIES: SEE PAGE 89
ZUBEHÖRE: SIEHE SEITE 89

PER LA GAMMA COMPLETA DI VALVOLE E RACCORDI CONSULTARE IL CATALOGO «B».
FOR A COMPLETE RANGE OF VALVES AND FITTINGS PLEASE SEE CATALOGUE «B».
FÜR DIE KOMPLETTE PALETTE VON VENTILEN UND VERSCHRAUBUNGEN BITTE KATALOG «B» SEHEN.

VALVOLA DI BILANCIAMENTO
OVERCENTER VALVE
SENKBREMSVENTIL

SEMPLICE EFFETTO
SINGLE ACTING
EINFACHWIRKEND

VBCD/A SE



Codice Code Bestell-Nr.	V1-V2 BSP	C1-C2 BSP	Q MAX l/min	W.P. MAX Bar	PILOT RATIO	Tipo Type Typ	L	L1	L2	L3	L4	L5	L6	H	S	kg
V2190.A400	1/4"	1/4"	20	350	1:4,5	VBCD/A SE 1/4"	100	149	60	30	50	55	20	60	30	1,31
V2190.A600	3/8"	3/8"	40	350	1:4,5	VBCD/A SE 3/8"	100	149	60	30	50	55	20	60	30	1,26
V2190.A800	1/2"	1/2"	60	350	1:4,5	VBCD/A SE 1/2"	100	149	65	36	50	57,5	20	60	30	1,20
V2190.A120	3/4"	3/4"	95	350	1:5,5	VBCD/A SE 3/4"	127	192	85	46	62,5	75	23,5	80	35	2,37

Taratura standard - Standard setting - Standard Einstellung : 320 bar
Taratura minima - Minimum setting - Minimale Einstellung : 120 bar

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL

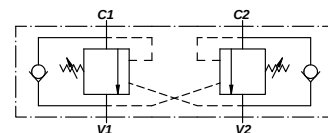
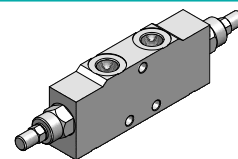
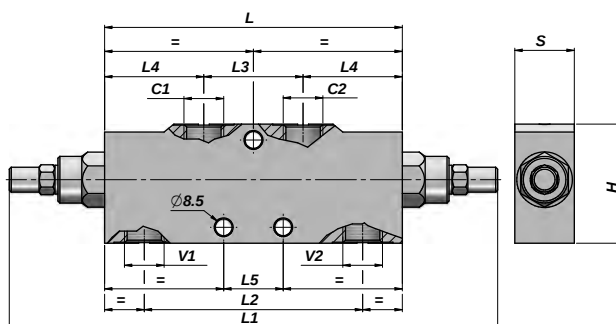
MONTAGGIO IN LINEA
LINE MOUNTING
REIHENMONTAGE

ACCESSORI: VEDI PAG 89
ACCESSORIES: SEE PAGE 89
ZUBEHÖRE: SIEHE SEITE 89

VALVOLA DI BILANCIAMENTO
OVERCENTER VALVE
SENKBREMSVENTIL

DOPPIO EFFETTO
DOUBLE ACTING
DOPPELWIRKEND

VBCD/A DE



Codice Code Bestell-Nr.	V1-V2 BSP	C1-C2 BSP	Q MAX l/min	W.P. MAX Bar	PILOT RATIO	Tipo Type Typ	L	L1	L2	L3	L4	L5	L6	H1	H2	H	S	kg
V2290.A400	1/4"	1/4"	20	350	1:4,5	VBCD/A DE 1/4"	150	248	110	50	50	30	44	32	28	60	30	1,97
V2290.A600	3/8"	3/8"	40	350	1:4,5	VBCD/A DE 3/8"	150	248	110	50	50	30	44	32	28	60	30	1,94
V2290.A800	1/2"	1/2"	60	350	1:4,5	VBCD/A DE 1/2"	150	248	110	50	50	30	44	32	28	60	30	1,89
V2290.A120	3/4"	3/4"	95	350	1:5,5	VBCD/A DE 3/4"	190	320	143	65	62,5	44	64	40	40	80	35	3,82

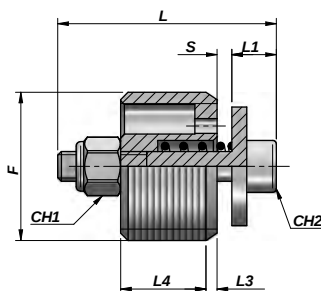
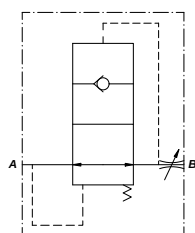
Taratura standard - Standard setting - Standard Einstellung : 320 bar
Taratura minima - Minimum setting - Minimale Einstellung : 120 bar

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL

MONTAGGIO IN LINEA
LINE MOUNTING
REIHENMONTAGE

ACCESSORI: VEDI PAG 89
ACCESSORIES: SEE PAGE 89
ZUBEHÖRE: SIEHE SEITE 89

PER LA GAMMA COMPLETA DI VALVOLE E RACCORDI CONSULTARE IL CATALOGO «B».
FOR A COMPLETE RANGE OF VALVES AND FITTINGS PLEASE SEE CATALOGUE «B».
FÜR DIE KOMPLETTE PALETTE VON VENTILEN UND VERSCHRAUBUNGEN BITTE KATALOG «B» SEHEN.



Codice Code Bestell-Nr.	F BSP	Q MAX l/min	P MAX Bar	S	Q STD l/min.	Tipo Type Typ	L	L1	L3	L4	CH1	CH2	kg x 100
VCG390.100800	1/4"	24	350	1,0	18,2	VUBA 010	19	5	1	7	5,5	2,5	1,00
VCG390.201500	3/8"	45	350	1,5	35,5	VUBA 020	23	5	1,5	9,5	5,5	2,5	1,50
VCG390.301800	1/2"	66	350	1,9	60,0	VUBA 030	29	6	1,5	11,5	7	3	2,50
VCG390.402200	3/4"	169	350	2,2	149,0	VUBA 040	34	6	2,5	15,5	7	3	4,50
VCG390.502600	1"	223	350	2,6	190,0	VUBA 050	40	8,5	1,5	18,5	8	4	9,80

S = APERTURA STANDARD - STANDARD OPENING - STANDARDÖFFNUNG

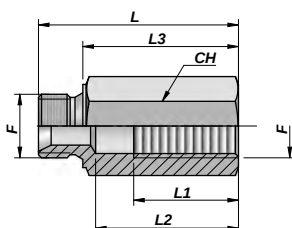
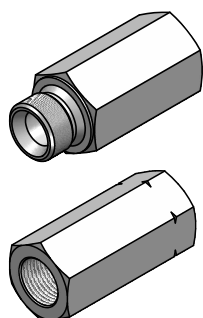
MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL

CARTUCCIA
CARTRIDGE
PATRONE

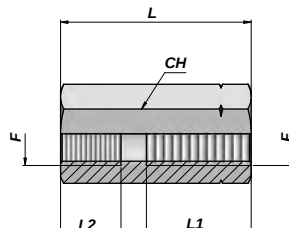
SUPERFICI DI TENUTA LAPPATE
LAPPED TIGHT SURFACES
GELÄPTE DICHTFLÄCHEN

VCG391/VCG392

COLLETTORE PER VALVOLA "VUBA"
"VUBA" VALVE ADAPTER
GEHÄUSE FÜR "VUBA" VENTILE



TYPE CMF



TYPE CFF

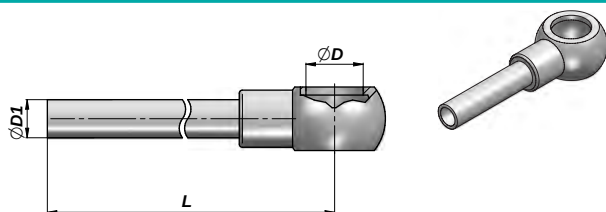
Codice Code Bestell-Nr.	F BSP	P MAX Bar	Tipo Type Typ	L	L1	L2	L3	CH	kg x 100
MASCHIO/FEMMINA - MALE/FEMALE - AUSSEN/INNENGWINDE									
VCG391.100000	1/4"	300	CMFxVUBA-010	50	23	31	38	19	7,00
VCG391.200000	3/8"	300	CMFxVUBA-020	60	30	43	48	22	9,50
VCG391.300000	1/2"	300	CMFxVUBA-030	63	33	45	49	27	14,70
VCG391.400000	3/4"	300	CMFxVUBA-040	75	36	50	59	32	22,50
VCG391.500000	1"	250	CMFxVUBA-050	88	46	60	70	41	42,50
FEMMINA/FEMMINA - FEMALE/FEMALE - INNEN/INNENGWINDE									
VCG392.100000	1/4"	300	CFFxVUBA-010	50	20	12	-	19	7,00
VCG392.200000	3/8"	300	CFFxVUBA-020	58	27	14	-	22	9,80
VCG392.300000	1/2"	300	CFFxVUBA-030	60	33	19	-	27	14,50
VCG392.400000	3/4"	300	CFFxVUBA-040	76	36	19	-	32	22,20
VCG392.500000	1"	250	CFFxVUBA-050	85	46	18	-	41	43,50

MATERIALE - MATERIAL:
ACCIAIO - STEEL - STAHL

PER LA GAMMA COMPLETA DI VALVOLE E RACCORDI CONSULTARE IL CATALOGO «B».
FOR A COMPLETE RANGE OF VALVES AND FITTINGS PLEASE SEE CATALOGUE «B».
FÜR DIE KOMPLETTE PALETTE VON VENTILEN UND VERSCHRAUBUNGEN BITTE KATALOG «B» SEHEN.

RACCORDO AD OCCHIO CON TUBINO
BANJO WITH PIPE
RINGANSCHLUSS MIT ROHR

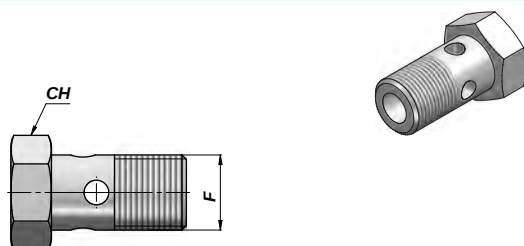
RV535



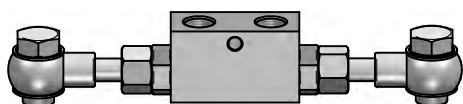
Codice Code Bestell-Nr.	ØD BSP	L	ØD1	P MAX Bar	kg x 100
RV535.0410	1/4"	100	10	300	5,50
RV535.0415	1/4"	150	10	300	7,00
RV535.0420	1/4"	200	10	300	8,50
RV535.0430	1/4"	300	10	300	11,50
RV535.0440	1/4"	400	10	300	14,50
RV535.0460	1/4"	600	10	300	20,50
RV535.0485	1/4"	850	10	300	28,00
RV535.0499	1/4"	1000	10	300	34,50
RV535.120404	1/4"	40	12	300	3,60
RV535.1204075	1/4"	75	12	300	5,20
RV535.120410	1/4"	100	12	300	6,10
RV535.120420	1/4"	200	12	300	10,70
RV535.120440	1/4"	400	12	300	18,50
RV535.120460	1/4"	600	12	300	25,50
RV535.0603	3/8"	40	12	300	4,50
RV535.0606	3/8"	60	12	300	5,80
RV535.0607	3/8"	75	12	300	6,40
RV535.0610	3/8"	100	12	300	7,00
RV535.0615	3/8"	150	12	300	8,50
RV535.0620	3/8"	200	12	300	11,00
RV535.0630	3/8"	300	12	300	14,50
RV535.0640	3/8"	400	12	300	18,50
RV535.0650	3/8"	500	12	300	22,50
RV535.0660	3/8"	600	12	300	27,00
RV535.0699	3/8"	1000	12	300	42,50
RV535.0810	1/2"	100	15	300	11,50
RV535.0820	1/2"	200	15	300	16,50
RV535.0830	1/2"	300	15	300	20,50
RV535.0840	1/2"	400	15	300	26,50
RV535.0850	1/2"	500	15	300	32,50

BULLONE FORATO
BOLT FOR BANJO
HOHLSCHRAUBE FÜR RINGANSCHLUSS

RV431

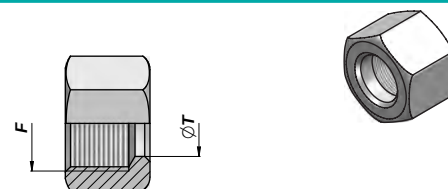


Codice Code Bestell-Nr.	F BSP	CH	kg x 100
RV431.0400	1/4"	19	3,00
RV431.0600	3/8"	22	5,80
RV431.0800	1/2"	27	8,80



TN81 DADO DI SERRAGGIO DIN 2353
TN81 NUT DIN 2353
TN81 ÜBERWURFMUTTER DIN 2353

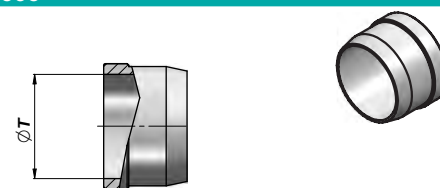
RD081



Codice Code Bestell-Nr.	Tipo Type Typ	ØT	F	kg x 100
RD08110L00	TN 81 10 L	10	M16x1,5	2,10
RD08112L00	TN 81 12 L	12	M18x1,5	2,40
RD08115L00	TN 81 15 L	15	M22x1,5	3,90

TN88 ANELLO DI SERRAGGIO DIN 2353
TN88 CUTTING RING DIN 2353
TN88 SCHNEIDRING DIN 2353

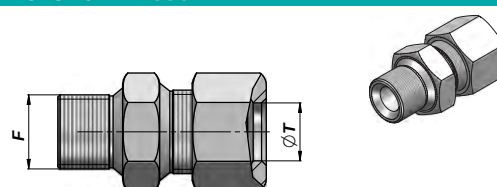
RD088



Codice Code Bestell-Nr.	Tipo Type Typ	ØT	kg x 100
RD08810L00	TN 88 10 LS	10	0,24
RD08812L00	TN 88 12 LS	12	0,31
RD08815L00	TN 88 15 L	15	0,41

TN92 BSPP RACCORDO DIN 2353
TN92 BSPP FITTING DIN 2353
TN92 BSPP VERSCHRAUBUNG DIN 2353

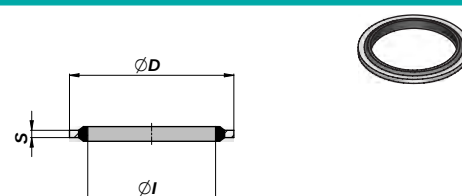
RD092



Codice Code Bestell-Nr.	Tipo Type Typ	ØT	F BSP	kg x 100
RD09210LR0	TN 92 10 LR	10	1/4"	4,70
RD09212LR0	TN 92 12 LR	12	3/8"	6,50
RD09215LR0	TN 92 15 LR	15	1/2"	11,50

RONDELLA BONDED
BONDED SEAL
BONDED DICHTUNG

GAB



Codice Code Bestell-Nr.	Filetto Thread Gewinde BSP	ØI	ØD	S	kg x 100
GAB1300000	1/4"	13,74	20,57	2,03	0,20
GAB1700000	3/8"	17,28	23,80	2,03	0,20
GAB2100000	1/2"	21,54	28,58	2,49	0,30

		SET GUARNIZIONI PER TESTATA DI GUIDA "CG" SEAL KITS FOR "CG" HEAD-BUSH DICHTSÄTZE FÜR KOLBENSTANGENFÜHRUNG "CG"					SET GUARNIZIONI PER PISTONE "CT" SEAL KITS FOR "CT" PISTON DICHTSÄTZE FÜR KOLBEN "CT"			
Codice Code Bestell-Nr.	Alesaggio/Stelo Bore/Rod Kolben-Ø/Kolbenstange	Codice Code Bestell-Nr.	O-Ring Dowty	GHK	TTI-L TTS TSE	O-Ring Dowty GDS	Codice Code Bestell-Nr.	TPM TPS/G TPL	O-Ring Dowty	
GKGF025016	25 / 16	GKCG025016	814	062087	TTI 16-24/L	-	GKGF025010	TPS/G 098066		806
GKG0030016	30 / 16	GKCG030016	025	062087	TTI 16-24/L	120	GKGCT030013	TPL 118078		014
GKG0032016	32 / 16	GKCG032016	120	062087	TTI 16-24/L	121	GKGCT032013	TPS/G 125094		014
GKG0032020	32 / 20	GKCG032020	120	078110	TTI 20-28/L	121	GKGCT032015	TPS/G 125094		616
GKG0035020	35 / 20	GKCG035020	122	078110	TTI 20-28/L	216	GKGCT035015	TPM 137098		616
GKG0035022	35 / 22	GKCG035022	122	086118	TTS 545	216	GKGCT035015	TPM 137098		616
GKG0040020	40 / 20	GKCG040020	126	078110	TTI 20-28/L	219	GKGCT040015	TPM 157118		616
GKG0040022	40 / 22	GKCG040022	126	086118	TTS 545	219	GKGCT040015	TPM 157118		616
GKG0040025	40 / 25	GKCG040025	126	098129	TTI 25-33/L	219	GKGCT040015	TPM 157118		616
GKG0040028	40 / 28	GKCG040028	126	110141	TTI 28-36	219	GKGCT040015	TPM 157118		616
GKG0045022	45 / 22	GKCG045022	130	086118	TTS 545	222	GKGCT045015	TPM 177137		616
GKG0045025	45 / 25	GKCG045025	130	098129	TTI 25-33/L	222	GKGCT045015	TPM 177137		616
GKG0050020	50 / 20	GKCG050020	132	078110	TTI 20-28/L	826	GKGCT050015	TPM 196133		616
GKG0050025	50 / 25	GKCG050025	132	098129	TTI 25-35/L	826	GKGCT050020	TPM 196133		117
GKG0050030	50 / 30	GKCG050030	132	118149	TTI 30-40/1L	826	GKGCT050020	TPM 196133		117
GKG0050032	50 / 32	GKCG050032	132	125157	TTI 32-42	826	GKGCT050020	TPM 196133		117
GKG0051035	50 / 35	GKCG051035	132	137169	TTS 596	826	GKGCT050020	TPM 196133		117
GKG0050035	50 / 35	GKCG050035	132	137169	TTS 596	132	GKGCT050020	TPM 196133		117
GKG0055025	55 / 25	GKCG055025	135	098128	TTI 25-35/L	830	GKGCT055020	TPM 216153		117
GKG0055030	55 / 30	GKCG055030	135	118149	TTI 30-40/1L	830	GKGCT055020	TPM 216153		117
GKG0055035	55 / 35	GKCG055035	135	137169	TTI 35-45/L	830	GKGCT055020	TPM 216153		117
GKG0060025	60 / 25	GKCG060025	138	098129	TTI 25-35/L	832	GKGCT060020	TPM 236173		117
GKG0060030	60 / 30	GKCG060030	138	118149	TTI 30-40/1L	832	GKGCT060020	TPM 236173		117
GKG0060035	60 / 35	GKCG060035	138	137169	TTI 35-45/L	832	GKGCT060020	TPM 236173		117
GKG0060040	60 / 40	GKCG060040	138	157188	TTI 40-48/L	832	GKGCT060027	TPM 236173		215
GKG0063030	63 / 30	GKCG063030	140	118149	TTI 30-40/1L	835	GKGCT063020	TPM 248185		117
GKG0063032	63 / 32	GKCG063032	140	125157	TTI 32-42	835	GKGCT063020	TPM 248185		117
GKG0063035	63 / 35	GKCG063035	140	137169	TTI 35-45/L	835	GKGCT063020	TPM 248185		117
GKG0063036	63 / 36	GKCG063036	140	141173	TTI 36-44/L	835	GKGCT063024	TPM 248185		814
GKG0063040	63 / 40	GKCG063040	140	157188	TTI 40-48/L	835	GKGCT063024	TPM 248185		814
GKG0065030	65 / 30	GKCG065030	141	118149	TTI 30-40/1L	836	GKGCT065020	TPM 255196		117
GKG0065035	65 / 35	GKCG065035	141	137169	TTI 35-45/L	836	GKGCT065020	TPM 255196		117
GKG0065040	65 / 40	GKCG065040	141	157188	TTI 40-48/L	836	GKGCT065024	TPM 255196		814
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GKG0070030	70 / 30	GKCG070030	145	118149	TTI 30-40/1L	839	GKGCT070020	TPM 275196		117
GKG0070035	70 / 35	GKCG070035	145	137169	TTI 35-45/L	839	GKGCT070020	TPM 275196		117
GKG0070040	70 / 40	GKCG070040	145	157188	TTI 40-50/3L	839	GKGCT070027	TPM 275196		215
GKG0070045	70 / 45	GKCG070045	145	177208	TTI 45-55/2L	839	GKGCT070027	TPM 275196		215
GKG0070050	70 / 50	GKCG070050	145	196228	TTI 50-60/L	839	GKGCT070027	TPM 275196		215
GKG0075030	75 / 30	GKCG075030	146	118149	TTI 30-40/1L	842	GKGCT075024	TPM 295216		814
GKG0075035	75 / 35	GKCG075035	146	137169	TTI 35-45/L	842	GKGCT075024	TPM 295216		814
GKG0075040	75 / 40	GKCG075040	146	157188	TTI 40-50/3L	842	GKGCT075027	TPM 295216		215
GKG0075045	75 / 45	GKCG075045	146	177208	TTI 45-55/2L	842	GKGCT075027	TPM 295216		215
GKG0080030	80 / 30	GKCG080030	149	118149	TTI 30-40/1L	GDS 845	GKGCT080024	TPM 314236		814
GKG0080035	80 / 35	GKCG080035	149	137169	TTI 35-45/L	GDS 845	GKGCT080024	TPM 314236		814
GKG0080040	80 / 40	GKCG080040	149	157188	TTI 40-50/3L	GDS 845	GKGCT080027	TPM 314236		215
GKG0080045	80 / 45	GKCG080045	149	177208	TTI 45-55/2L	GDS 845	GKGCT080027	TPM 314236		215
GKG0080050	80 / 50	GKCG080050	149	196228	TTI 50-60/L	GDS 845	GKGCT080027	TPM 314236		215
GKG0080055	80 / 55	GKCG080055	149	216248	TTS 668	GDS 845	GKGCT080027	TPM 314236		215
GKG0080060	80 / 60	GKCG080060	149	236267	TSE 283236	GDS 845	GKGCT080027	TPM 314236		215
GKG0085035	85 / 35	GKCG085035	151	137169	TTI 35-45/L	619	GKGCT085024	TPM 334255		814
GKG0085040	85 / 40	GKCG085040	151	157188	TTI 40-50/3L	619	GKGCT085027	TPM 334255		215
GKG0085045	85 / 45	GKCG085045	151	177208	TTI 45-55/2L	619	GKGCT085027	TPM 334255		215
GKG0085050	85 / 50	GKCG085050	151	196228	TTI 50-60/L	619	GKGCT085027	TPM 334255		215

		SET GUARNIZIONI PER TESTATA DI GUIDA "CG" SEAL KITS FOR "CG" HEAD-BUSH DICHTSÄTZE FÜR KOLBENSTANGENFÜHRUNG "CG"						SET GUARNIZIONI PER PISTONE "CT" SEAL KITS FOR "CT" PISTON DICHTSÄTZE FÜR KOLBEN "CT"			
Codice Code Bestell-Nr.	Alesaggio/Stelo Bore/Rod Kolben-Ø/Kolbenstange	Codice Code Bestell-Nr.	O-Ring Dowty	GHK	TTI-L TTS TSE	O-Ring Dowty GDS		Codice Code Bestell-Nr.	TPM TPS/G TPL	O-Ring Dowty	
GKGO090040	90 / 40	GKGC090040	152	157188	TTI 40-50/3L	GDS 620		GKGCT090027	TPM 354275	215	
GKGO090045	90 / 45	GKGC090045	152	177208	TTI 45-55/2L	GDS 620		GKGCT090027	TPM 354275	215	
GKGO090050	90 / 50	GKGC090050	152	196228	TTI 50-60/L	GDS 620		GKGCT090033	TPM 354275	219	
GKGO090060	90 / 60	GKGC090060	152	236267	TSE 283236	GDS 620		GKGCT090033	TPM 354275	219	
GKGO100040	100 / 40	GKGC0100040	153	157188	TTI 40-50/3L	GDS 621		GKGCT100027	TPM 393295	215	
GKGO100045	100 / 45	GKGC0100045	153	177208	TTI 45-55/2L	GDS 621		GKGCT100027	TPM 393295	215	
GKGO100050	100 / 50	GKGC0100050	153	196228	TTI 50-60/L	GDS 621		GKGCT100033	TPM 393295	219	
GKGO100055	100 / 55	GKGC0100055	153	216248	TTS 668	GDS 621		GKGCT100033	TPM 393295	219	
GKGO100060	100 / 60	GKGC0100060	153	236267	TSE 283236	GDS 621		GKGCT100033	TPM 393295	219	
GKGO100063	100 / 63	GKGC0100063	153	248279	TTI 63-75/L	GDS 621		GKGCT100033	TPM 393295	219	
GKGO100070	100 / 70	GKGC0100070	153	275307	TSE 334275/1	GDS 621		GKGCT100033	TPM 393295	219	
GKGO110045	110 / 45	GKGC0110045	154	177208	TTI 45-55/2L	GDS 622		GKGCT110040	TPM 433334	824	
GKGO110050	110 / 50	GKGC0110050	154	196228	TTI 50-60/L	GDS 622		GKGCT110040	TPM 433334	824	
GKGO110060	110 / 60	GKGC0110060	154	236267	TSE 283236	GDS 622		GKGCT110040	TPM 433334	824	
GKGO110070	110 / 70	GKGC0110070	154	275307	TSE 334275/1	GDS 622		GKGCT110040	TPM 433334	824	
GKGO120050	120 / 50	GKGC0120050	156	196228	TTI 50-60/L	GDS 623		GKGCT120040	TPM 472374	824	
GKGO120060	120 / 60	GKGC0120060	156	236267	TSE 283236	GDS 623		GKGCT120040	TPM 472374	824	
GKGO120070	120 / 70	GKGC0120070	156	275322	TSE 334275/1	GDS 623		GKGCT120040	TPM 472374	824	
GKGO120080	120 / 80	GKGC0120080	156	314346	TSE 377314/AI	GDS 623		GKGCT120040	TPM 472374	824	
GKGO125060	125 / 60	GKGC0125060	157	236267	TSE 283236	GDS 349		GKGCT125040	TPM 492393	824	
GKGO125070	125 / 70	GKGC0125070	157	275322	TSE 334275/1	GDS 349		GKGCT125040	TPM 492393	824	
GKGO125080	125 / 80	GKGC0125080	157	314346	TSE 377314/AI	GDS 349		GKGCT125040	TPM 492393	824	
GKGO125090	125 / 90	GKGC0125090	157	354401	TSE 413354/1/AI	GDS 349		GKGCT125040	TPM 492393	824	
GKGO140070	140 / 70	GKGC0140070	159	275322	TSE 334275/1	GDS 864		GKGCT140040	TPM 551452	824	
GKGO140080	140 / 80	GKGC0140080	159	314346	TSE 377314/AI	GDS 864		GKGCT140040	TPM 551452	824	
GKGO150070	150 / 70	GKGC0150070	160	275322	TSE 334275/1	GDS 867		GKGCT150040	TPM 590492	824	
GKGO150080	150 / 80	GKGC0150080	160	314346	TSE 377314/AI	GDS 867		GKGCT150040	TPM 590492	824	
GKGO160080	160 / 80	GKGC0160080	161	314346	TSE 377314/AI	GDS 870		GKGCT160051	TPM 629531	831	
GKGO160090	160 / 90	GKGC0160090	161	354401	TSE 413354/1/AI	GDS 870		GKGCT160051	TPM 629531	831	

		SET GUARNIZIONI PER TESTATA DI GUIDA "CG" SEAL KITS FOR "CG" HEAD-BUSH DICHTSÄTZE FÜR KOLBENSTANGENFÜHRUNG "CG"						SET GUARNIZIONI PER PISTONE "CT" SEAL KITS FOR "CT" PISTON DICHTSÄTZE FÜR KOLBEN "CT"		
Codice Code Bestell-Nr.	Alesaggio/Stelo Bore/Rod Kolben-Ø/Kolbenstange	Codice Code Bestell-Nr.	O-Ring Dowty	GHK	TTI-L TTS TSE	O-Ring + GKS Dowty	AGI x3	Codice Code Bestell-Nr.	TDE	O-Ring Dowty
GKG1180100	180 / 100	GKGC03180100	262	393440	TSE 444393/AI	628	100	GKG11180F80	TDE 708590	339
GKG1180120	180 / 120	GKGC03180120	262	472519	TSE 531472/AI	628	120	GKG11180F80	TDE 708590	339
GKG1200100	200 / 100	GKGC03200100	265	393440	TSE 444393/AI	882	100	GKG11200F80	TDE 787669	339
GKG1200120	200 / 120	GKGC03200120	265	472519	TSE 531472/AI	882	120	GKG11200F80	TDE 787669	339
GKG1250120	250 / 120	GKGC03250120	272	472519	TSE 531472/AI	678	120	GKG11250F98	TDE 984866	345
GKG1250150	250 / 150	GKGC03250150	272	590637	TSE 669590/AI	678	150	GKG11250F98	TDE 984866	345

Codice Code Bestell-Nr.	Alesaggio/Stelo Bore/Rod Kolben-Ø/Kolbenstange	O-Ring Dowty	GHK	TTI-L TTS TSE	O-Ring Dowty GDS
GKGCMM100040	100 / 40	153	157188	TTI 40-50/3L	GDS 621
GKGCMM100050	100 / 50	153	196228	TTI 50-60/L	GDS 621
GKGCMM100060	100 / 60	153	236267	TTI 60-72/1	GDS 621
GKGCMM100063	100 / 63	153	248279	TTI 63-75/L	GDS 621
GKGCMM100070	100 / 70	153	275307	TSE 334275/1	GDS 621

Codice Code Bestell-Nr.	Alesaggio/Stelo Bore/Rod Kolben-Ø/Kolbenstange	O-Ring Dowty	GHK	TTI-L TTS TSE	O-Ring Dowty
GKGCGLM040020	40 / 20	129	078110	TTI 20-28/L	219
GKGCGLM040025	40 / 25	129	098129	TTI 25-33/L	219
GKGCGLM050025	50 / 25	135	098129	TTI 25-33/L	826
GKGCGLM050030	50 / 30	135	118149	TTI 30-40/1L	826
GKGCGLM060030	60 / 30	142	118149	TTI 30-40/1L	832
GKGCGLM060035	60 / 35	142	137169	TTI 35-45/L	832
GKGCGLM070035	70 / 35	148	137169	TTI 35-45/L	839
GKGCGLM070040	70 / 40	148	157188	TTI 40-50/3L	839
GKGCGLM080040	80 / 40	151	157188	TTI 40-50/3L	845
GKGCGLM080050	80 / 50	151	196228	TTI 50-60/L	845
GKGCGLM100050	100 / 50	241	196228	TTI 50-60/L	621
GKGCGLM100060	100 / 60	241	236267	TSE 283236	621

Codice Code Bestell-Nr.	Alesaggio/Stelo Bore/Rod Kolben-Ø/Kolbenstange	AFI	GHM/C	O-Ring Dowty	GIR	GKS	O-Ring Dowty	TTX
GKGCGLM050025	50 / 25	n°3 25x 30x5,6	35x 25x7/10	826	-	826	135	1301 -BR
GKGCGLM050030	50 / 30	n°3 30x 35x5,6	40x 30x7/10	826	-	826	135	1303 -BR
GKGCGLM050035	50 / 35	n°3 35x 40x5,6	45x 35x7/10	826	-	826	135	1305 -BR
GKGCGLM060030	60 / 30	n°2 30x 35x5,6 n°1 30x 35x9,7	40x 30x7/10	832	-	832	142	1303 -BR
GKGCGLM060035	60 / 35	n°2 35x 40x5,6 n°1 35x 40x9,7	45x 35x7/10	832	-	832	142	1305 -BR
GKGCGLM060040	60 / 40	n°2 40x 45x5,6 n°1 40x 45x9,7	50x 40x7/10	832	-	832	142	1308 -BR
GKGCGLM070040	70 / 40	n°2 40x 45x9,7	50x 40x7/10	839	0400	839	148	1307/1 -BR
GKGCGLM080045	80 / 45	n°2 45x 50x9,7	55x 45x7/10	845	0450	845	151	1309 -BR
GKGCGLM080050	80 / 50	n°2 50x 55x9,7	60x 50x7/10	845	0500	845	151	1310 -BR
GKGCGLM090045	90 / 45	n°2 45x 50x9,7	55x 45x7/10	620	0450	620	153	1309 -BR
GKGCGLM090050	90 / 50	n°2 50x 55x9,7	60x 50x7/10	620	0500	620	153	1310 -BR
GKGCGLM090060	90 / 60	n°2 60x 65x9,7	70x 60x7/10	620	0600	620	153	1314/2 -BR
GKGCGLM100045	100 / 45	n°2 45x 50x9,7	55x 45x7/10	621	0450	621	154	1309 -BR
GKGCGLM100050	100 / 50	n°2 50x 55x9,7	60x 50x7/10	621	0500	621	154	1310 -BR
GKGCGLM100060	100 / 60	n°2 60x 65x9,7	70x 60x7/10	621	0600	621	154	1314/2 -BR
GKGCGLM110050	110 / 50	n°2 50x 55x9,7	60x 50x7/10	345	0500	345	156	1310 -BR
GKGCGLM110060	110 / 60	n°2 60x 65x9,7	70x 60x7/10	345	0600	345	156	1314/2 -BR
GKGCGLM120060	120 / 60	n°2 60x 65x9,7	70x 60x7/10	348	0600	348	158	1314/2 -BR
GKGCGLM120070	120 / 70	n°2 70x 75x9,7	80x 70x7/10	348	0700	348	158	1322 -BR
GKGCGLM120080	120 / 80	n°2 80x 85x9,7	80x 90x7/10	348	0800	348	158	1331 -BR
GKGCGLM125070	125 / 70	n°3 70x 75x9,7	80x 70x7/10	349	0700	349	249	1322 -BR
GKGCGLM125080	125 / 80	n°3 80x 85x9,7	90x 80x7/10	349	0800	349	249	1331 -BR
GKGCGLM140080	140 / 80	n°3 80x 85x9,7	90x 80x7/10	864	0800	864	254	1331 -BR
GKGCGLM140090	140 / 90	n°3 90x 95x9,7	100x 90x7/10	864	0900	864	254	1337 -BR
GKGCGLM140100	140 / 100	n°3 100x 105x9,7	110x 100x7/10	864	1000	864	254	1341/1 -BR
GKGCGLM150080	150 / 80	n°3 80x 85x9,7	90x 80x7/10	867	0800	867	257	1331 -BR
GKGCGLM150090	150 / 90	n°3 90x 95x9,7	100x 90x7/10	867	0900	867	257	1337 -BR
GKGCGLM150100	150 / 100	n°3 100x 105x9,7	110x 100x7/10	867	1000	867	257	1341/1 -BR
GKGCGLM160100	160 / 100	n°3 100x 105x9,7	110x 100x7/10	870	1000	870	259	1341/1 -BR
GKGCGLM160120	160 / 120	n°3 120x 125x9,7	130x 120x7/10	870	1200	870	259	1348 -BR

KIT GUARNIZIONI PER TESTATA DI GUIDA "CGT"
SEAL KITS FOR "CGT" HEAD BUSH
DICHTSÄTZE FÜR KOLBENSTANGENFÜHRUNG "CGT"

M250

GKGCCT

Codice Code Bestell-Nr.	Stelo Rod Kolbenstange	O-Ring Dowty	GHK	TTI-L TTS TSE	O-Ring Dowty	AGI x2
GKGT020030	20	120	078110	TTI 20-28/L	025	-
GKGT025035	25	123	098129	TTI 25-33/L	123	-
GKGT030040	30	126	118149	TTI 30-38/L	126	-
GKGT035045	35	129	137169	TTS 596	129	-
GKGT040050	40	132	157188	TTI 40-48/L	132	-
GKGT045055	45	136	177208	TTI 45-55/2L	136	-
GKGT050060	50	138	196228	TTI 50-60/L	138	-
GKGT060070	60	145	236267	TSE 275236	145	-
GKGT070000	70	237	275322	TSE 334275/1	-	76x 70x12,8
GKGT080000	80	239	314346	TSE 377314/AI	-	86x 80x12,8
GKGT100000	100	248	393440	TSE 444393/AI	-	106x100x12,8

KIT GUARNIZIONI PER TESTATA DI GUIDA "CGHFRT"
SEAL KITS FOR "CGHFRT" HEAD BUSH
DICHTSÄTZE FÜR KOLBENSTANGENFÜHRUNG "CGHFRT"

M250

GKGHFRT

Codice Code Bestell-Nr.	Stelo Rod Kolbenstange	GHK	TTI-L TTS TSE	O-Ring 90 Sh. Dowty	AGI x2
GKGHFRT020	20	078110	TTI 20-28/L	123	-
GKGHFRT025	25	098129	TTI 25-33/L	123	-
GKGHFRT030	30	118149	TTI 30-38/L	129	-
GKGHFRT035	35	137169	TTI 35-43	129	-
GKGHFRT040	40	157188	TTI 40-48/L	136	-
GKGHFRT045	45	177208	TTS 634	136	-
GKGHFRT050	50	196228	TTI 50-60/L	142	-
GKGHFRT060	60	236267	TTI 60-70/L	149	-
GKGHFRT070	70	275307	TTI 70-80	235	76x 70x12,8
GKGHFRT080	80	314346	TTI 80-90	238	86x 80x12,8
GKGHFRT090	90	354401	TTI 90-105/2	242	96x 90x12,8
GKGHFRT100	100	393440	TTI 100-113/1	245	106x100x12,8

KIT GUARNIZIONI PER PISTONE "CTLTM"
SEAL KITS FOR "CTLTM" PISTON
DICHTSÄTZE FÜR KOLBEN "CTLTM"

C200

GKGCTLM

Codice Code Bestell-Nr.	Alesaggio/Foro Bore/Hole Kolben-Ø/Bohrung	TPS/G	O-Ring Dowty
GKGCTLM040015	40 / 15	157125/1	616
GKGCTLM050021	50 / 21	196157	812
GKGCTLM060025	60 / 25	236188	120
GKGCTLM070025	70 / 25	275228	120
GKGCTLM080028	80 / 28	314255	216
GKGCTLM100035	100 / 35	393334	220

KIT GUARNIZIONI PER PISTONE "CTPM"
SEAL KITS FOR "CTPM" PISTON
DICHTSÄTZE FÜR KOLBEN "CTPM"

P350

GKGCTPM

Codice Code Bestell-Nr.	Alesaggio/Foro Bore/Hole Kolben-Ø/Bohrung	AFE 2 x	PDH	O-Ring Dowty
GKGCTPM050021	50 / 21	50x 45x5,6	50 - 40	812
GKGCTPM060030	60 / 30	60x 55x5,6	60 - 50	217
GKGCTPM070040	70 / 40	70x 65x9,7	70 - 55	129
GKGCTPM080040	80 / 40	80x 75x9,7	80 - 65	129
GKGCTPM090038	90 / 38	90x 85x9,7	90 - 75	128
GKGCTPM100045	100 / 45	100x 95x9,7	100 - 85	133
GKGCTPM110050	110 / 50	100x105x9,7	110 - 95	830
GKGCTPM120050	120 / 50	120x115x9,7	120-105	830
GKGCTPM125050	125 / 50	125x120x9,7	125-102	831
GKGCTPM140050	140 / 50	140x135x9,7	140-117	830
GKGCTPM150056	150 / 56	150x145x9,7	150-127	834
GKGCTPM160056	160 / 56	160x155x9,7	160-137	834

GKGF**M250**
KIT GUARNIZIONI PER PISTONE "CTF"
 SEAL KITS FOR "CTF" PISTON
 DICHTSÄTZE FÜR KOLBEN "CTF"

Codice Code Bestell-Nr.	Alesaggio/Filetto Bore/Thread Kolben-Ø/Gewinde	TPM	O-Ring Dowty
GKGF025010	25 / 10	TPS/G 098066	806
GKGF040016	40 / 16	157118	017
GKGF050020	50 / 20	196133	812
GKGF060024	60 / 24	236173	120
GKGF063024	63 / 24	248185	120
GKGF070024	70 / 24	275196	120
GKGF080027	80 / 27	314236	216
GKGF090033	90 / 33	354275	220
GKGF100033	100 / 33	393295	220
GKGF110039	110 / 39	433334	825
GKGF120042	120 / 42	472374	827
GKGF125042	125 / 42	492393	827
GKGF140048	140 / 48	551452	831
GKGF150048	150 / 48	590492	831
GKGF160052	160 / 52	629531	833

GKGB**M250**
KIT GUARNIZIONI PER PISTONE "CTBF"
 SEAL KITS FOR "CTBF" PISTON
 DICHTSÄTZE FÜR KOLBEN "CTBF"

Codice Code Bestell-Nr.	Alesaggio/Filetto Bore/Thread Kolben-Ø/Gewinde	TPS/G	O-Ring Dowty
GKGB040016	40 / 16	157125/1	017
GKGB050020	50 / 20	196157	812
GKGB060024	60 / 24	236188	120
GKGB063024	63 / 24	248200	120
GKGB070024	70 / 24	275228	120
GKGB080027	80 / 27	314255	216
GKGB100033	100 / 33	393334	220

GKGCTFG**M250**
KIT GUARNIZIONI PER PISTONE "CTFG"
 SEAL KITS FOR "CTFG" PISTON
 DICHTSÄTZE FÜR KOLBEN "CTFG"

Codice Code Bestell-Nr.	Alesaggio/Filetto Bore/Thread Kolben-Ø/Gewinde	AGE	GER	O-Ring Dowty
GKGCTFG040016	40 / 16	40x36 x 9,7	0400	017
GKGCTFG050016	50 / 16	50x44 x 9,7	0500	017
GKGCTFG060024	60 / 24	60x54 x 12,8	0600	120
GKGCTFG070024	70 / 24	70x64 x 12,8	0700	120
GKGCTFG080027	80 / 27	80x74 x 12,8	0800	216
GKGCTFG100033	100 / 33	100x94 x 12,8	1000	220

GKGCTT**M250**
KIT GUARNIZIONI PER PISTONE "CTT"
 SEAL KITS FOR "CTT" PISTON
 DICHTSÄTZE FÜR KOLBEN "CTT"

Codice Code Bestell-Nr.	Alesaggio/Filetto Bore/Thread Kolben-Ø/Gewinde	AGE x2
GKGCTT03012	30 / 12	30x 26x 9,6
GKGCTT03514	35 / 14	35x 31x 9,6
GKGCTT04014	40 / 14	40x 36x 9,6
GKGCTT04516	45 / 16	45x 41x 9,6
GKGCTT05020	50 / 20	50x 44x 9,6
GKGCTT05520	55 / 20	55x 49x12,8
GKGCTT06020	60 / 20	60x 54x12,8
GKGCTT07024	70 / 24	70x 64x12,8
GKGCTT08027	80 / 27	80x 74x12,8
GKGCTT08527	85 / 27	85x 79x12,8
GKGCTT09033	90 / 33	90x 84x12,8
GKGCTT10033	100 / 33	100x 94x12,8
GKGCTT11039	110 / 39	110x104x12,8
GKGCTT12039	120 / 39	120x114x12,8

KIT GUARNIZIONI PER TESTATA DI GUIDA "CGIN"

SEAL KITS FOR "CGIN" HEAD BUSH

DICHTSÄTZE FÜR KOLBENSTANGENFÜHRUNG "CGIN"

GKGGP

Codice Code Bestell-Nr.	Alesaggio/Stelo Bore/Rod Kolben-Ø/Kolbenstange	O-Ring Dowty	GHK	TTI-L TTS TSE	O-Ring Dowty
GKGGP1120034	1"1/2 - 3/4"	-	3/4"	TTI 19,50- 25,40	219
GKGGP2000118	2" - 1"1/8	137	1"1/8	TTI 28,57- 36,50	828
GKGGP2120118	2"1/2 - 1"1/8	145	1"1/8	TTI 28,57- 36,50	835
GKGGP2120114	2"1/2 - 1"1/4	145	1"1/4	TTI 31,75- 41,27	835
GKGGP2120112	2"1/2 - 1"1/2	145	1"1/2	TTI 38,10- 47,62	835
GKGGP3000112	3" - 1"1/2	151	1"1/2	TTI 38,10- 47,62	843
GKGGP3000134	3" - 1"3/4	151	1"3/4	TTI 44,45- 53,97	843
GKGGP3120134	3"1/2 - 1"3/4	238	1"3/4	TTI 44,45- 53,97	236
GKGGP3120200	3"1/2 - 2"	238	2"	TTI 50,80- 60,32	236
GKGGP4000200	4" - 2"	242	2"	TTI 50,80- 60,32	342
GKGGP4000212	4" - 2"1/2	242	2"1/2	TTI 63,50- 76,20	342
GKGGP5000212	5" - 2"1/2	250	2"1/2	TTI 63,50- 76,20	860
GKGGP5000234	5" - 2"3/4	250	2"3/4	TTI 69,80- 82,50	860
GKGGP5000300	5" - 3"	250	3"	TTI 76,20- 88,90	860
GKGGP6000300	6" - 3"	258	3"	TTI 76,20- 88,90	868
GKGGP6000312	6" - 3"1/2	258	3"1/2	TTI 88,90-101,60	868

KIT GUARNIZIONI PER PISTONE "CTIN"

SEAL KITS FOR "CTIN" PISTON

DICHTSÄTZE FÜR KOLBEN "CTIN"

GKGTP

Codice Code Bestell-Nr.	Alesaggio/Foro Bore/Hole Kolben-Ø/Bohrung	TPM/P	O-Ring Dowty
GKGTP112M160	1"1/2 - 0.630	1500-1125	114
GKGTP200M200	2" - 0.787	2000-1375	117
GKGTP212M200	2"1/2 - 0.787	2500-1875	117
GKGTP212M230	2"1/2 - 0.906	2500-1875	213
GKGTP300M300	3" - 1.181	3000-2250	217
GKGTP312M330	3"1/2 - 1.299	3500-2750	219
GKGTP400M330	4" - 1.299	4000-3250	219
GKGTP500M400	5" - 1.575	5000-4000	824
GKGTP600M520	6" - 2.047	6000-5000	832

KIT GUARNIZIONI PER TESTATA DI GUIDA "CGXX"

SEAL KITS FOR "CGXX" HEAD BUSH

DICHTSÄTZE FÜR KOLBENSTANGENFÜHRUNG "CGXX"

GKGCXX

Codice Code Bestell-Nr.	Alesaggio/Stelo Bore/Rod Kolben-Ø/Kolbenstange	AFI	GHK	O-Ring Dowty	TTI-L TTS TSE	O-Ring Dowty
						GDS
GKGCXX040020	40 / 20	TEF-SEAL 03-6325	078110	126	TTI 20-28/L	219
GKGCXX040025	40 / 25	n°2 25x30x5,6	098129	126	TTI 25-33/L	219
GKGCXX050025	50 / 25	n°2 25x30x5,6	098129	132	TTI 25-35/L	826
GKGCXX050030	50 / 30	n°2 30x35x5,6	118149	132	TTI 30-40/1L	826
GKGCXX060030	60 / 30	n°2 30x35x9,7	118149	138	TTI 30-40/1L	832
GKGCXX060035	60 / 35	n°2 35x40x9,7	137169	138	TTI 35-45/L	832
GKGCXX060040	60 / 40	n°2 40x45x9,7	157188	138	TTI 40-48/L	832
GKGCXX070035	70 / 35	n°2 35x40x9,7	137169	145	TTI 35-45/L	839
GKGCXX070040	70 / 40	n°2 40x45x5,6	157188	145	TTI 40-50/3L	839
GKGCXX080040	80 / 40	n°2 40x45x9,7	157188	149	TTI 40-50/3L	GDS 845

CONDIZIONI DI GARANZIA

Indipendentemente da eventuali diritti di garanzia concessi dal commerciante al cliente la CONTARINI S.r.l. garantisce i prodotti di sua fabbricazione:

- A** Per i guasti operativi causati da materiali o esecuzioni difettose che si verificano nel corso del normale e appropriato utilizzo, entro 12 mesi dalla data d'acquisto dalla CONTARINI S.r.l. La CONTARINI S.r.l. si riserva il diritto di determinare quale sia il normale e appropriato utilizzo.
- B** Per i vizi imputabili al ben accertato difetto di fabbricazione o di materiale, la CONTARINI S.r.l. sostituisce o ripara gratuitamente il pezzo rotto. I particolari sostituiti saranno di proprietà della venditrice. Non è prevista alcuna garanzia per le guarnizioni usurate a causa di contaminazione interna od esterna, né dalle normali condizioni di lavoro. Anche i difetti dovuti a fenomeni di ossidazione non sono coperti da garanzia.
- C** Non sussiste alcun diritto ad ottenere una fornitura sostitutiva.
- D** Ogni sostituzione in garanzia va autorizzata per iscritto dalla CONTARINI S.r.l. La merce dovrà essere resa in porto franco con allegata la descrizione dettagliata delle anomalie riscontrate e delle condizioni d'impiego.
- E** Se il prodotto fornito è inserito in impianti potenzialmente in grado di cagionare danni a terzi superiori al valore del prodotto stesso, l'acquirente s'impegna ad adottare gli adeguati dispositivi di sicurezza per evitare qualsiasi danno, consapevole che la produzione in serie a prezzi di mercato comporta il rischio, pur limitato, della presenza di pezzi difettosi.
- F** La garanzia prevede la sostituzione delle parti riconosciute difettose nella costruzione o nei materiali. La mano d'opera necessaria è riconosciuta solo ed esclusivamente se la riparazione in garanzia viene eseguita presso le nostre officine. Nel caso in cui un prodotto venga riparato in garanzia, questo beneficerà di un periodo di garanzia pari al rimanente di quella originaria.
- G** Non sono riconosciuti, a nessun titolo, i risarcimenti per fermo macchina.
- H** La merce reclamata deve essere tenuta a disposizione della venditrice che si riserva il diritto di fare le opportune verifiche nel luogo dove si trova la merce o in altri luoghi dalla stessa indicati.
- I** Nessun reclamo riguardante la qualità della merce potrà essere fatto valere in sede giudiziaria, neppure in via d'eccezione, se non avrà avuto luogo il regolare pagamento della merce alla quale il reclamo si riferisce.
- L** La Venditrice non assume alcuna responsabilità in caso di uso e di stoccaggio improprio della merce fornita.

LA GARANZIA DECADE:

- 1) se il montaggio risulta essere effettuato in modo improprio;
- 2) per uso in condizioni diverse da quelle descritte nei disegni tecnici o cataloghi della CONTARINI S.r.l.;
- 3) se vengono sostituiti dei particolari utilizzando prodotti non originali;
- 4) se gli interventi, a qualsiasi titolo, sono eseguiti da operatori privi di autorizzazione sottoscritta della Venditrice;
- 5) se non sono stati adottati gli accorgimenti d'installazione prescritti;
- 6) se il prodotto risulta contaminato;
- 7) se il vizio è riconducibile alla normale usura dovuta dalle condizioni di lavoro;
- 8) se non vengono rispettate le clausole contrattuali comprese i pagamenti.

PRECAUZIONI D'USO

È fatto divieto all'acquirente di utilizzare i nostri prodotti in condizioni diverse da quelle descritte nei disegni tecnici o cataloghi CONTARINI.

A richiesta è possibile eseguire un collaudo funzionale dei cilindri conforme alle specifiche riportate nella presente documentazione tecnica. Poiché non è possibile riprodurre integralmente le effettive condizioni di lavoro dell'apparecchiatura dell'acquirente, la completa idoneità all'uso è responsabilità dell'acquirente stesso.

DICHIARAZIONE

I prodotti descritti nel presente catalogo sono destinati ad essere incorporati in macchine alle quali si applica direttiva CEE 98/37/CE (Direttiva Macchine) e successivi emendamenti. È fatto divieto di mettere in funzione i nostri prodotti prima che la macchina o impianto in cui sono incorporati sia dichiarata conforme alle disposizioni della direttiva citata.

TERMS OF WARRANTY

Regardless of all warranty which may have been established between seller and customer, Contarini Leopoldo Srl products are guaranteed:

- A** For operational failures due to defects in material and workmanship during normal and correct use, within 12 months from date of purchase from Contarini Leopoldo Srl. Contarini Leopoldo Srl reserves the right to determine normal and correct use.
- B** In case of ascertained defects in material and workmanship, Contarini Leopoldo Srl replaces or repairs the part for free. Replaced parts are Contarini Leopoldo Srl property. Warranty is not extended to worn out seals owed to internal or external contamination or to normal use. Warranty does not apply to defects owed to oxidation.
- C** Substitutive supplies are not allowed.
- D** Material returning needs Contarini Leopoldo Srl written authorization. Material must be returned free of charge, with a detailed description of remarked problems and operating conditions.
- E** If the goods are to be mounted on plants or facilities which can cause damages to third parties for a value exceeding the value of the goods themselves, the buyer is responsible for the adoption of safety measures to prevent any damage. The buyer is informed that mass production involves the risk of defective pieces.
- F** The warranty extends to the replacement of parts whose defects in material or construction have been ascertained. Necessary labour will not be charged if the reparation is carried out in Contarini Leopoldo Srl premises; it will not be refunded if the reparation is carried out in the customer's premises. In the event that a product is repaired under warranty, that product shall carry the remainder of the original warranty period.
- G** Under any circumstances, refunds for periods when machines are stopped are not provided for by the warranty.
- H** Goods for which warranty is claimed must be kept at seller's disposal for inspection, where the goods are or where indicated by seller.
- I** Under no circumstances, no quality complaint can be called forth in court if the goods are not completely paid to seller.
- L** Seller will in no way be liable in case of wrong use or storing of the supplied goods.

WARRANTY FALLS OFF:

- 1) if mounting is improper;
- 2) if operating conditions differ from what indicated in technical drawings or Contarini Leopoldo Srl catalogues;
- 3) if parts are replaced with not original products;
- 4) if interventions are carried out by anyone other than authorized by seller's representatives;
- 5) if installation is not carried out according to prescribed procedures;
- 6) if the goods have been contaminated;
- 7) if fault is caused by normal operating conditions;
- 8) if terms of supply are not respected, including payments.

PRECAUTIONS

The use of Contarini Leopoldo Srl products is forbidden in any circumstance which is not indicated in the seller's technical drawings or catalogues.

On demand, functional tests on the cylinders can be carried out, according to the specifications indicated in the technical documentation.

Considering that it is not possible to reproduce integrally the buyer's plant working conditions, complete fitness to use is the buyer's liability.

DECLARATION

The products of the present catalogue are to be installed on machines which are submitted to CEE 98/37 ICE standard and subsequent modifications.

Contarini Leopoldo Srl products are not to be used on machines or plants that do not comply with the above mentioned standard.

GARANTIEBEDINGUNGEN

Unabhängig von eventuellen Garantierechten, die den Kunden von dem Zwischenhändler gewährt werden, garantiert die Fa. CONTARINI LEOPOLDO S.r.l. die Produkte ihrer Eigenproduktion in den nachstehenden Fällen:

- A** Bei von Materialien oder fehlerhaften Ausführungen verursachten Störungen, die - innerhalb von 12 Monaten ab Einkaufsdatum von der Fa. CONTARINI LEOPOLDO S.r.l. - während der normalen und sachgemäßen Verwendung auftreten. Die Fa. CONTARINI LEOPOLDO S.r.l. behält sich das Recht vor, die normale und sachgemäße Verwendung zu bestimmen.
- B** Bei Mängeln, die mit Sicherheit auf Fehler im Material oder in der Herstellung zurückzuführen sind, leistet die Fa. CONTARINI LEOPOLDO S.r.l. durch kostenlose Reparatur oder Ersatzlieferung Gewähr. Ersetzte Teile gehen in den Eigentum des Verkäufers über. Bei Dichtungen, die wegen Innen- oder Außenkontamination sowie wegen der normalen Arbeitsbedingungen verschlissen sind, wird keine Gewährleistung übernommen. Jegliche Gewährleistung wird bei durch Oxydationserscheinung verursachten Mängeln auch ausgeschlossen.
- C** Es besteht kein Recht auf Ersatzlieferung.
- D** Jegliche Rücklieferung unter Garantie muss von der Fa. CONTARINI LEOPOLDO S.r.l. schriftlich genehmigt werden. Die Ware muss frei Haus geliefert werden. Beigelegt sein muss die ausführliche Beschreibung der festgestellten Mängel und der Verwendungsbedingungen.
- E** Sollte das Endprodukt in Anlagen eingesetzt werden, die potentiell Schäden an Dritten - höher als den Produktwert selbst - verursachen können, verpflichtet sich der Käufer, die gemessene Sicherheitsvorrichtungen einzuführen, um jeglichen Schaden zu vermeiden. Dabei ist er auch davon bewusst, dass es bei der Serienproduktion zu Marktpreisen das Risiko - auch wenn beschränkt - auf das Vorliegen mangelhafter Stücke läuft.
- F** Die Gewährleistung sieht den Ersatz der als mangelhaft erwiesenen Teile - hinsichtlich Material oder Herstellung - vor. Die notwendige Arbeitskraft ist lediglich anerkannt, wenn die Reparatur unter Garantie in unserer Werkstatt durchgeführt wird. Im Falle eines unter Garantie reparierten Produkts wird die Gewährleistungsfrist für das Produkt selbst so lang wie die restliche Frist der ursprünglichen Gewährleistungsfrist.
- G** Erstattungen für Maschinen im Stillstand werden im keinerlei Fall anerkannt.
- H** Die bestandene Ware muss zur Verfügung des Verkäufers gehalten werden, der sich das Recht vorbehält, die gemessenen Prüfungen in dem Raum, in dem sie sich befindet, oder in einem anderem durch den Verkäufer angegebenen Raum durchzuführen.
- I** Keine Beanstandung hinsichtlich der Warenqualität darf im Gerichtsland geltend gemacht werden - noch im Ausnahmefall -, solange die regelmäßige Bezahlung der Ware, auf die sich die Beanstandung bezieht, erfolgt ist.
- L** Der Verkäufer übernimmt keine Gewährleistung bei unsachgemäßer Verwendung oder Lagerung der gelieferten Ware.

IN DEN NACHSTEHENDEN FÄLLEN ERLÖSCHEN DIE GEWÄHRLEISTUNGSANSPRÜCHE:

- 1) wenn die Montage sich als unsachgemessen erwies;
- 2) bei Verwendung unter Bedingungen, die anders sind, als die, die in den technischen Ausführungszeichnungen oder in dem Katalog der Fa. CONTARINI LEOPOLDO S.r.l. beschrieben sind;
- 3) beim Austausch von Einzelteilen mit nicht originalen Produkten;
- 4) bei allerlei Eingriffen, die von Fachleuten vorgenommen werden, die keine unterschriebene Genehmigung des Verkäufers besitzen;
- 5) beim Nichthalten der vorgeschriebenen Anweisungen bei der Inbetriebsetzung;
- 6) wenn das Produkt sich als kontaminiert erwies;
- 7) wenn der Mangel auf den normalen Verschleiß bei den Arbeitsbedingungen zurückzuführen ist;
- 8) wenn die Vertragsbestimmungen nicht erfüllt werden, eingeschlossen Zahlungen.

GEBRAUCHSMASSNAHMEN

Dem Käufer wird verboten, unsere Produkte in anderen Bedingungen zu verwenden, als die, die in den CONTARINI technischen Zeichnungen und Katalogen beschrieben sind. Auf Anfrage ist es möglich, eine Funktionsprüfung der Zylinder gemäß der in diesen technischen Unterlagen deklarierten Spezifikationen durchzuführen. Da die wirklichen Arbeitsbedingungen der Einrichtungen des Käufers nicht vollkommen gleich wiedergegeben werden können, lastet die Verantwortung für die komplette Verwendungstauglichkeit auf den Käufer selbst.

ERKLÄRUNG

Die in diesem Katalog beschriebenen Produkten sind für den Einbau in Maschinen bestimmt, auf die die Richtlinie CEE 98/37/CE (Maschinen-Vorschrift) sowie nachfolgende Abänderungen angewendet werden. Es ist verboten, unsere Produkte in Betrieb zu setzen, bevor die Maschine bzw. Anlage, in die sie eingebaut sind, die Konformitätserklärung mit den Bestimmungen der o.g. Richtlinie erhält.



CONTARINI®

Interpump Hydraulics International

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