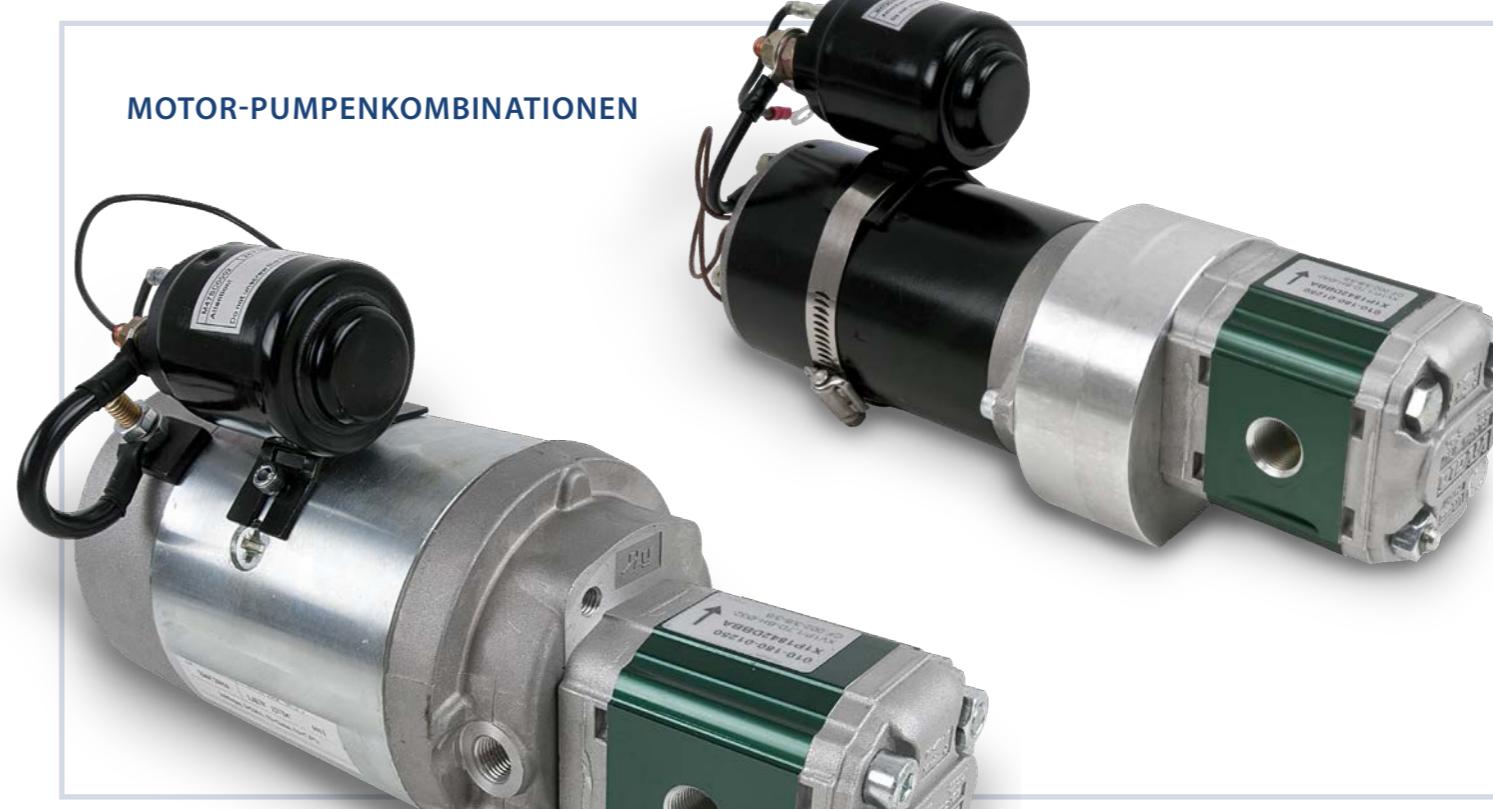
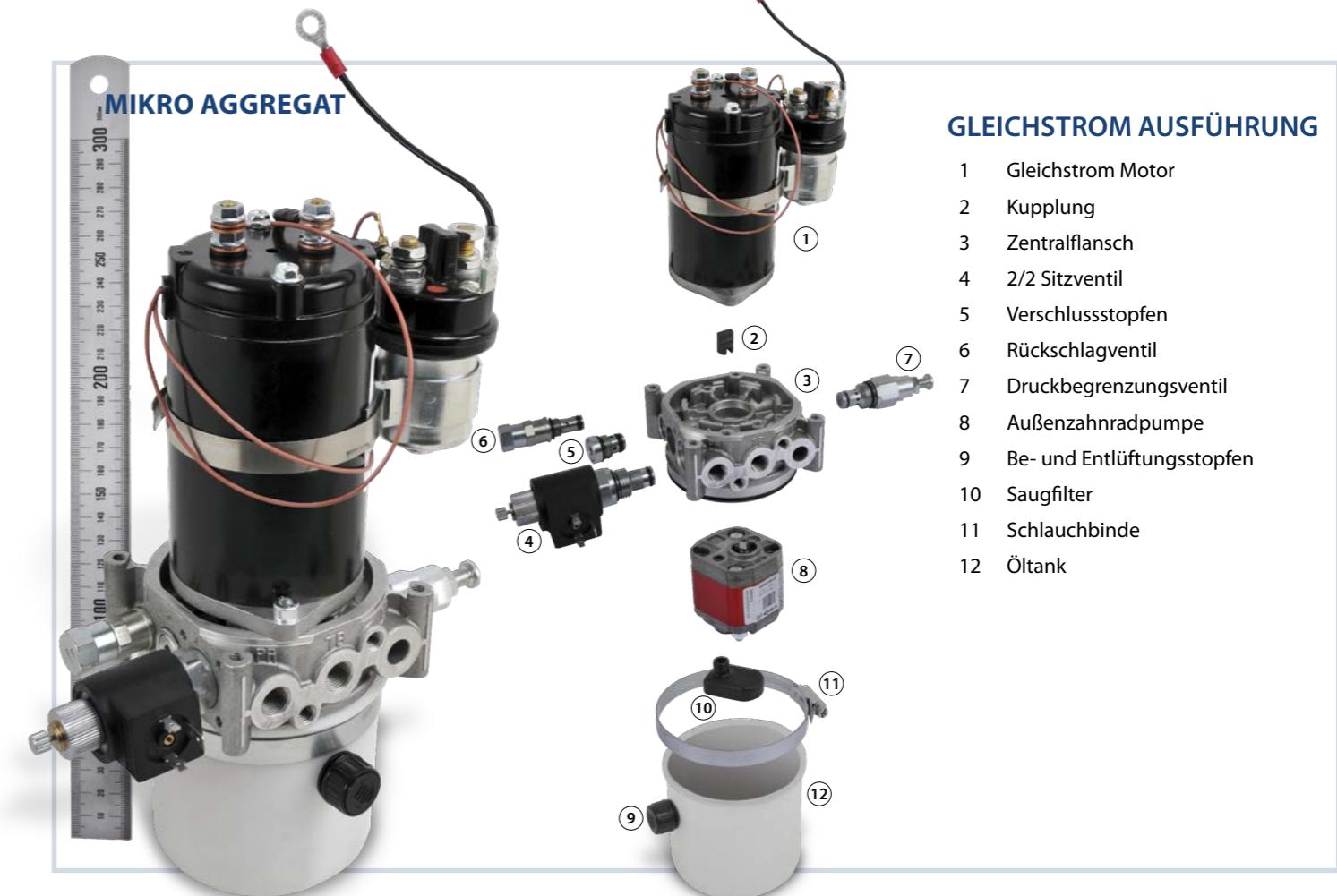
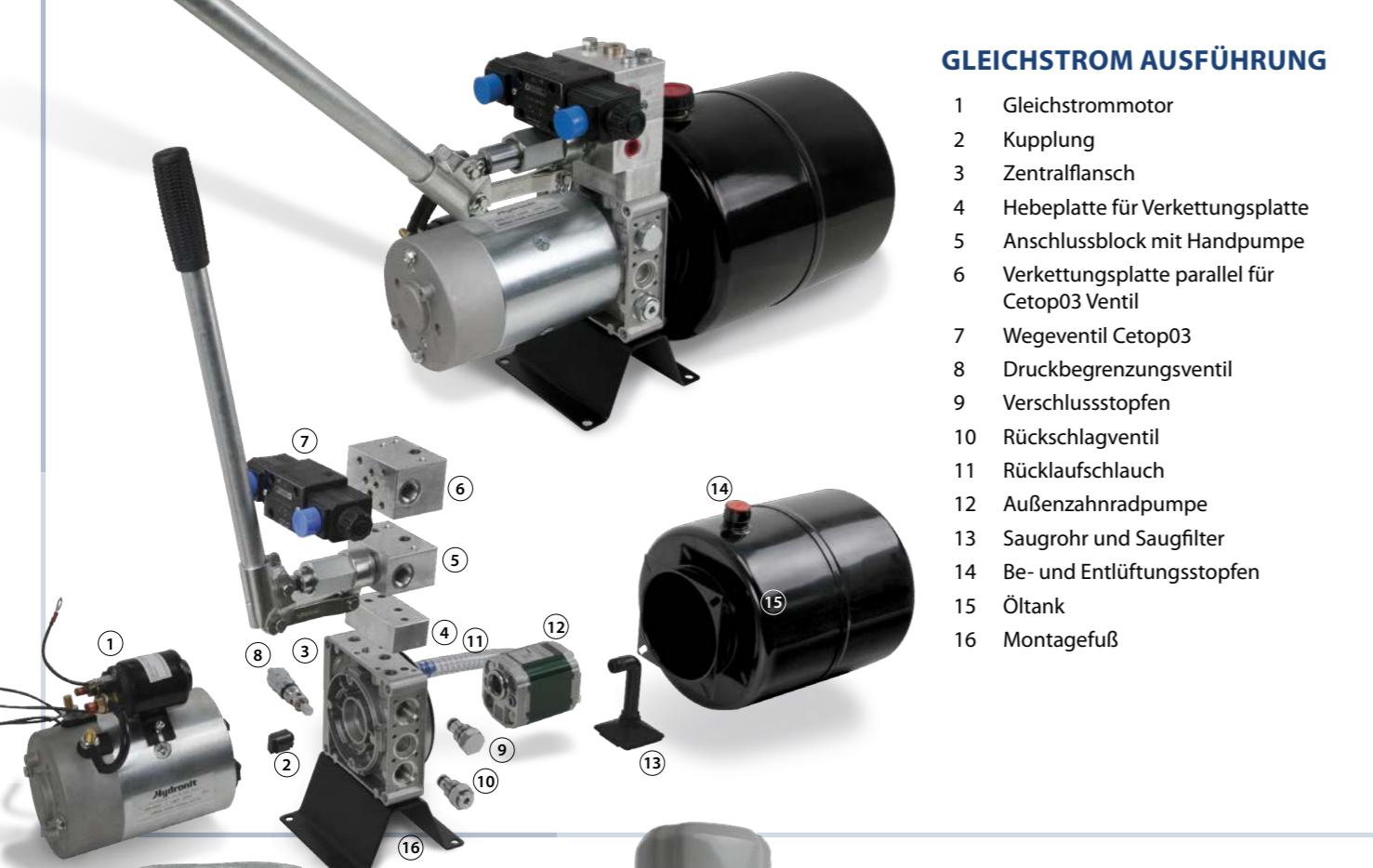


Kompakt-Kleinaggregate Motor-Pumpen-Kombinationen





Komponenten Übersicht

Gleichstrom Motoren



12/24 V DC 0,15 kW - 4,0 kW

Wechselstrom Motoren



2 Pole - 2900 1/min 4 Pole - 1450 1/min
3 Phasen 0,55 - 4,0 kW 0,37 kW - 3,0 kW
1 Phasen 0,55 - 2,2 kW 0,37 kW - 2,2 kW

2 Pole - 2850 1/min 4 Pole - 1450 1/min
3 Phasen 0,75 - 4,0 kW 0,25 kW - 4,0 kW

4 Pole - 1400 1/min
1 Phasen 0,12 kW - 2,2 kW

Montagekits



BG 71
0,25 - 0,37 kW

BG 80
0,55 - 0,75 kW

BG 90
1,1 - 1,5 kW

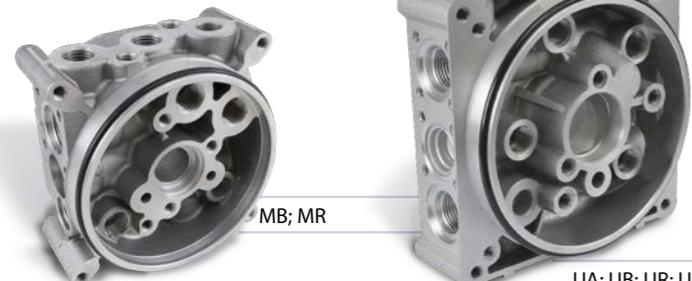
BG 100 / 112
2,2 - 4 kW

BG Ø 80
0,5 - 0,8 kW

BG Ø 114 / 125
1,6 - 2,2 kW

BG Ø 151
2,5 - 4 kW

Zentralflansche



MB; MR

UA; UB; UR; U4

Pumpen



BG 1 0,9 - 9,8 ccm/U

BG 0 0,17 - 2,3 ccm/U

Cetop Grundplatten



Parallel; Seriell; Sperrblöcke

Hebeplatten



Umlenkplatte und Hebeplatte zwischen
Zentralflansch und Verkettungsblock

Wegeventile Cetop -elektrisch-



4/2 Wegeventile
4/3 Wegeventile

Wegeventile Cetop -handbetätigt-



4/2 Wegeventile
4/3 Wegeventile

Zwischenplatten Cetop Ventile



Sperr- Ventile;
Drossel- Ventile;
Senkbrem- Ventile
Mess-Zwischenplatten
Druckbegrenzungsventile
Druckminderventile usw.

Wegeventile Sandwich -elektrisch-



4/2 Wegeventile
4/3 Wegeventile

Zubehör



Manometer; Druckschalter;
Rohrleitungsventile;
Kabelfernbedienung (12 / 24 VDC) usw.

Not- Handpumpe



2 ccm; 5,8 ccm; 8,8 ccm

Ölbehälter



Stahltanks
rund / eckig
1,5 - 30 Liter



Kunststofftanks
eckig / rund
1,5 - 11 Liter

Saugfilter und Saugrohre



Saugfilter
BG 1

Saugrohr
3/8"
42, 68,
125, 142,
190, 237,
370mm

Winkelsaugrohr
3/8"
40, 47mm

Tank- Zubehör

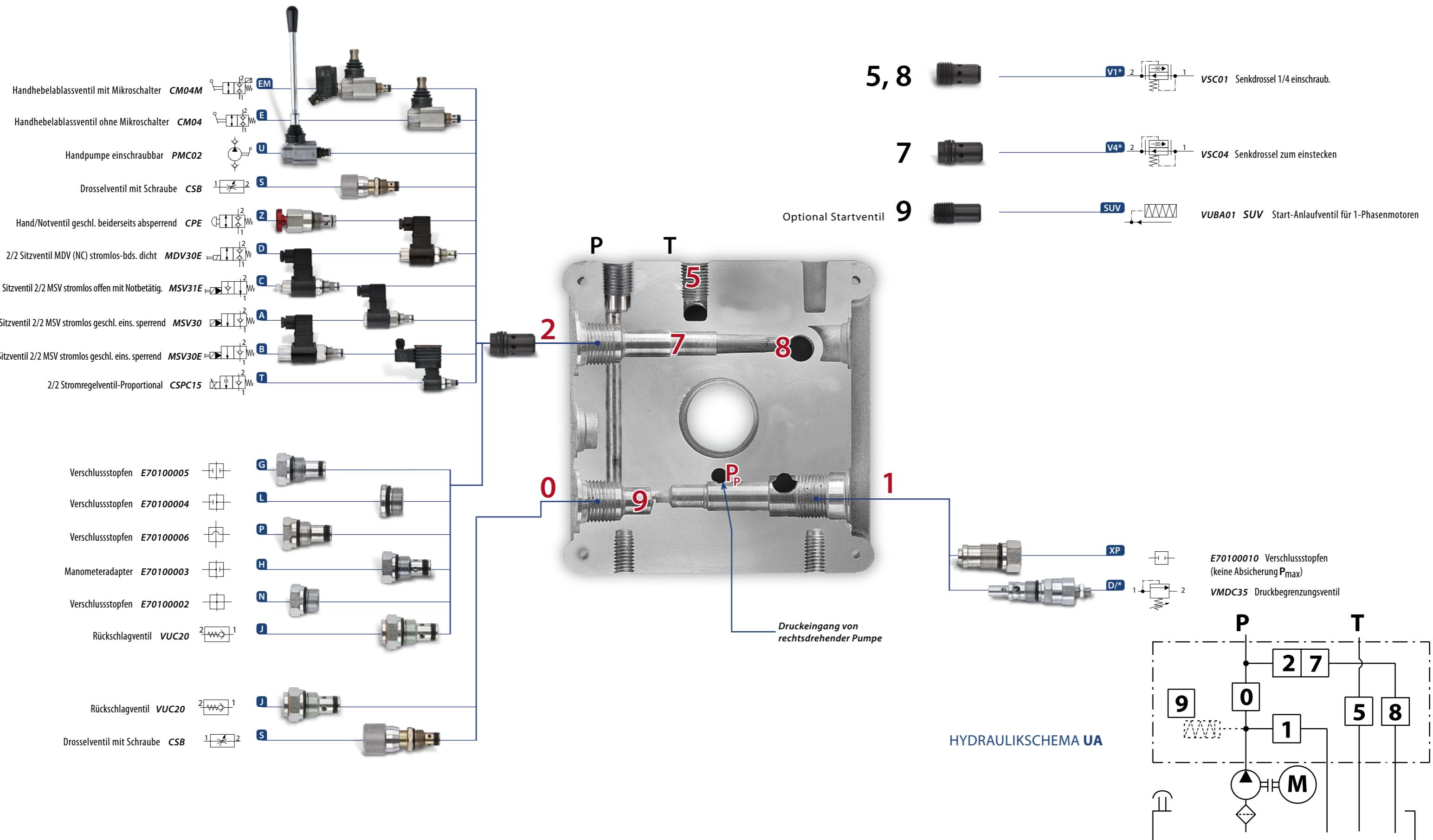


Ablassstopfen
1/2"

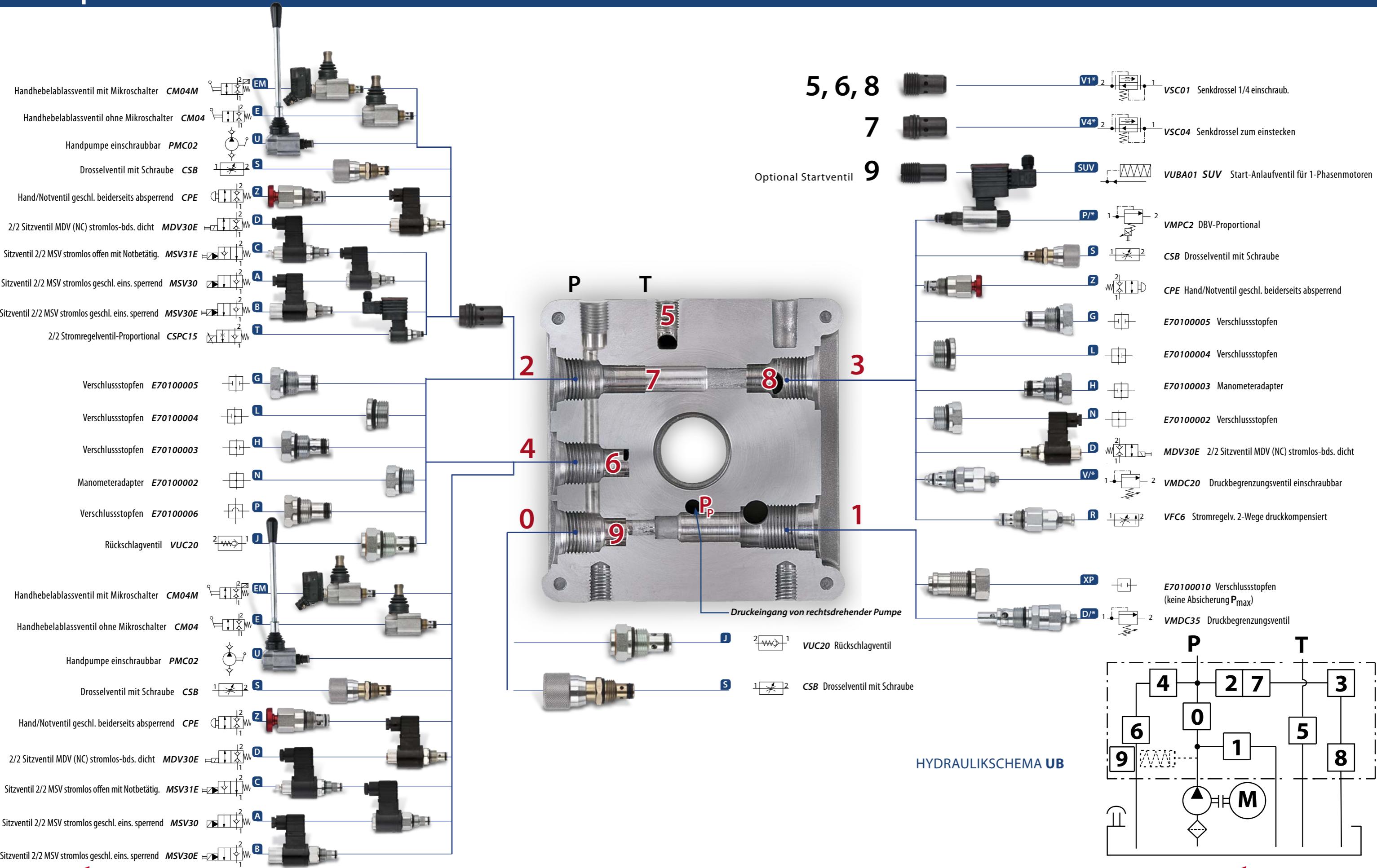
Einfüll- u. Entlüftungsstopfen
1/2" o. 3/4"

Ölstandsanzeiger für
Stahltanks

Komponenten Übersicht für den Zentralflansch UA



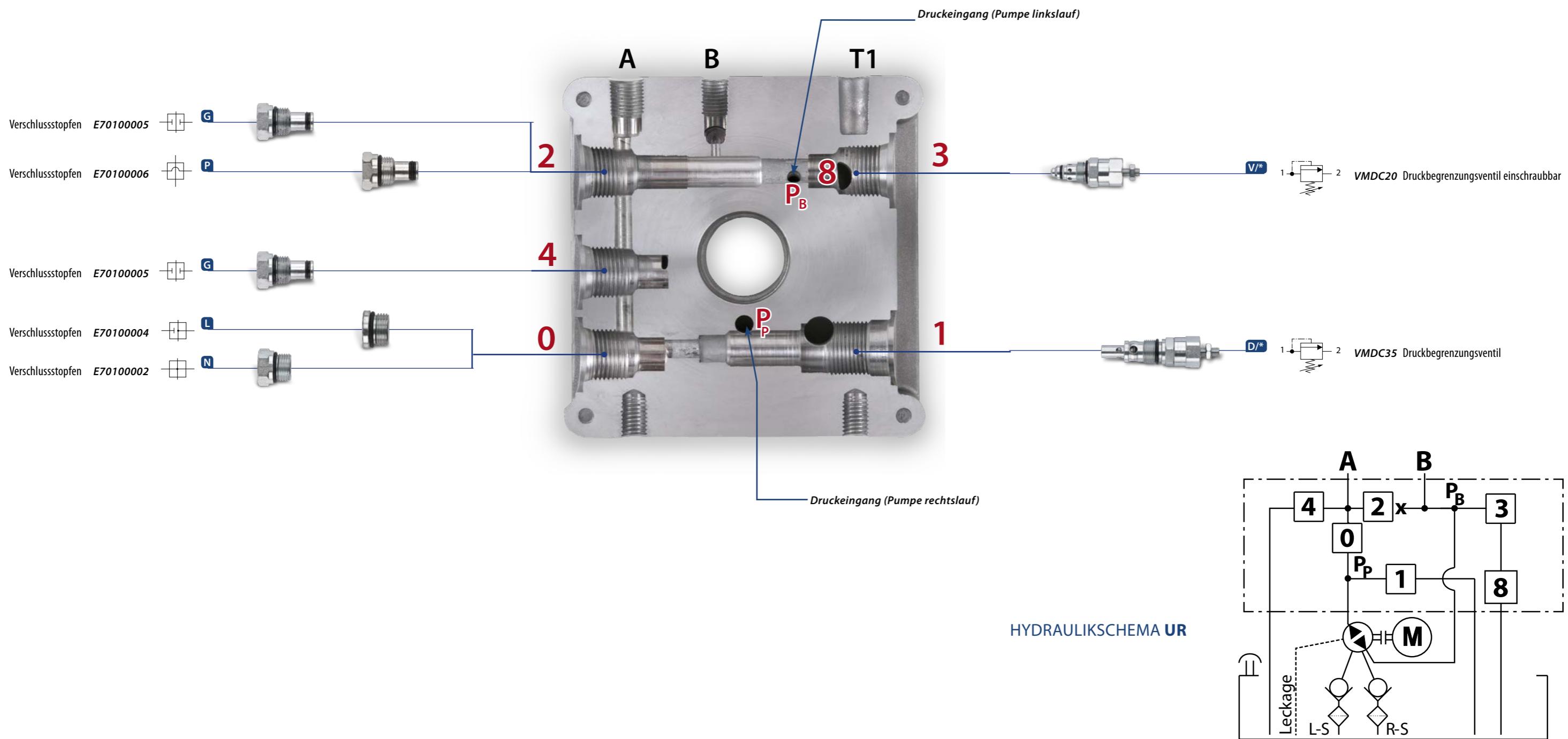
Komponenten Übersicht für den Zentralflansch UB



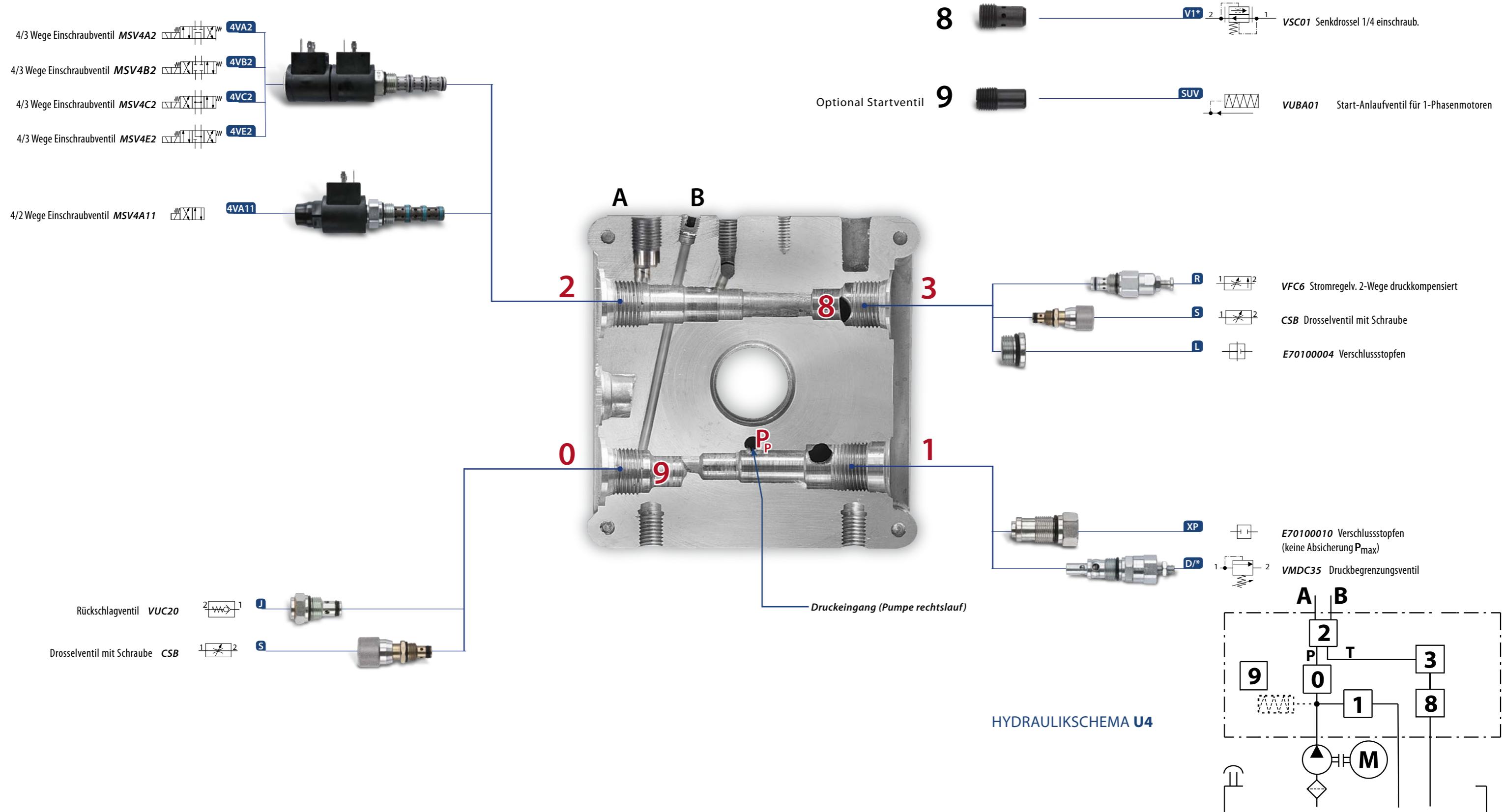
POWER

POWER

Komponenten Übersicht für den Zentralflansch UR



Komponenten Übersicht für den Zentralflansch U4



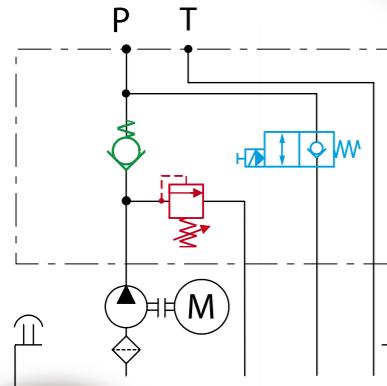
UA-ZENTRALFLANSCH

Einfachwirkend als Hub-Senkeinheit

- Druckbegrenzungsventil
- Rückschlagventil
- 2/2-Wege Sitzventil

Doppeltwirkend

- Druckbegrenzungsventil
- Rückschlagventil
- CETOP Ventile
- 2/2-Wege Sitzventile

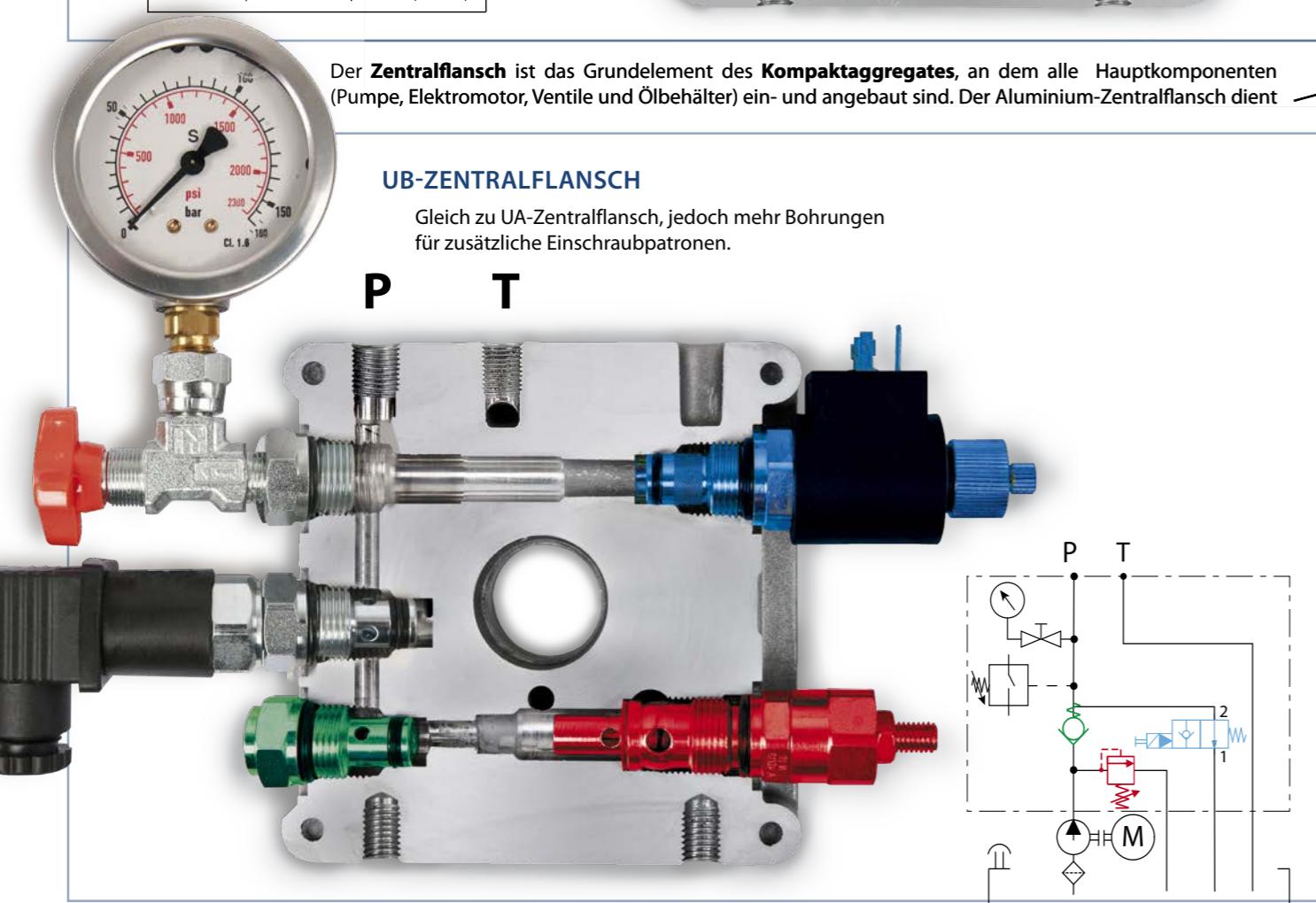


Der **Zentralflansch** ist das Grundelement des **Kompaktaggregates**, an dem alle Hauptkomponenten (Pumpe, Elektromotor, Ventile und Ölbehälter) ein- und angebaut sind. Der Aluminium-Zentralflansch dient →

UB-ZENTRALFLANSCH

Gleich zu UA-Zentralflansch, jedoch mehr Bohrungen für zusätzliche Einschraubpatronen.

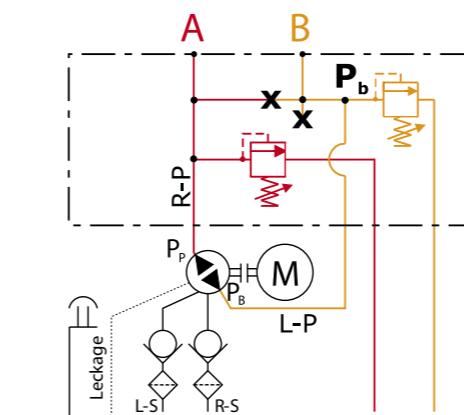
P T



UR-ZENTRALFLANSCH

Flansch speziell für reversierbare Pumpen. Es entfällt das sonst notwendige Wegeventil.

A B

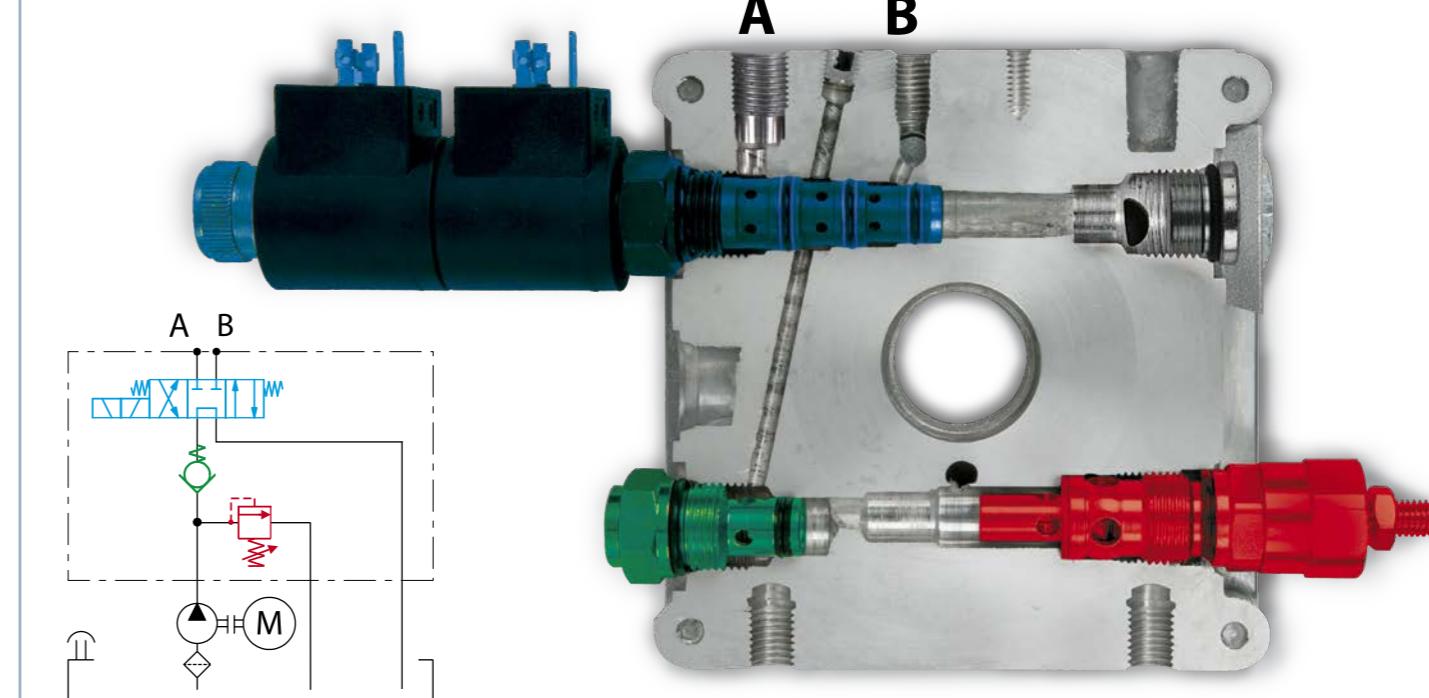


als Pumpenträger mit integriertem Druckbegrenzungs- und Rückschlagventil und gleichzeitig als Grundblock für andere Einschraub- und Aufbauventile. Dadurch erlaubt er eine **kostengünstige** und **kompakte** Konstruktion der Aggregate.

U4-ZENTRALFLANSCH

Speziell für die Verwendung von 4/3- bzw. 4/2-Wege Einschraubventilen. Aufwändige Anbauten mit Cetop-Ventilen entfallen.

A B



Bestellschlüssel

| | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------------------|--------------------------------|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|--|
| VE | Einbaulage | VERTIKAL | | | | | | | | | HORIZONTAL | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | |
| B2 | Wechselstrommotor-AC | 230V-50HZ 1Phasen 4 Pole | A | 0,25 | 0,37 | 0,55 | 0,75 | 1,1 | 1,5 | 2,2 | 3 | 4 | | | | | | | | | |
| | | 230/400V-50HZ 3Phasen 4 Pole | B | 0,25 | 0,37 | 0,55 | 0,75 | 1,1 | 1,5 | 2,2 | 3 | 4 | | | | | | | | | |
| | Gleichstrommotor-DC | 12V Startrelais Thermoschalter | D | 0,15 | 0,5 | 0,8 | 1,6 | 2,1 | 2,5 | | | | | | | | | | | | |
| UA | Gleichstrommotor-DC | | E | 0,15 | 0,5 | 0,8 | 2,2 | 3,0 | 4,0 | | | | | | | | | | | | |
| | Zentralflansch | UA | UB | UR | U4 | | | | | | | | | | | | | | | | |
| GP1 | Außenzahnradpumpe ccm/U | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | | | | | | |
| | BG0P | FP | 0,17 | 0,25 | 0,45 | 0,57 | 0,76 | 0,98 | 1,27 | 1,52 | 2,3 | | | | | | | | | | |
| Bohrung 0 | BG1P | GP | 0,9 | 1,2 | 1,7 | 2,2 | 2,6 | 3,2 | 3,8 | 4,3 | 4,9 | 5,9 | 6,5 | 7,8 | 9,8 | | | | | | |
| | BGOR | FR | 0,17 | 0,25 | 0,45 | 0,57 | 0,76 | 0,98 | 1,27 | 1,52 | 2,3 | | | | | | | | | | |
| | BGIR | GR | 0,9 | 1,2 | 1,7 | 2,2 | 2,6 | 3,2 | 3,8 | 4,3 | 4,9 | 5,9 | 6,5 | 7,8 | 9,8 | | | | | | |
| Bohrung 1 | D/L1 | # | J | S | L | N | | | | | | | | | | | | | | | |
| Bohrung 2 | S | # | Leer | VUC20 | CSB | | | | | | | | | | | | | | | | |
| Bohrung 3 | P/A | # | Leer | D/* | VMD33-L | VMD33-A1 | VMD33-B1 | | | | | | | | | | | | | | |
| Bohrung 4 | L | # | Leer | EM | E | U | S | Z | D | C | A | B | T | G | L | P | H | N | J | XP | |
| Bohrung 5 | V1/1A | # | Leer | CM04M | CM04 | PMC02 | PMC02 | MSV30 | MSV30E | MSV31E | MSV30 | MSV30E | CSPC15 | E70100005 | E70100004 | E70100006 | E70100003 | E70100002 | E70100004 | E701000010 | |
| Bohrung 6 | V1/1C | # | Leer | VMP2A | 2-60bar | VMP2C | 2-210bar | CSB | CPE | MD130E | MSV30 | MSV30E | CSPC15 | E70100005 | E70100004 | E70100003 | E70100002 | E70100004 | E70100002 | E701000010 | |
| Bohrung 7 | V1/00 | # | Leer | VMP2A | 2-60bar | VMP2C | 2-210bar | CSB | CPE | MSV31E | MSV30 | MSV30E | CSPC15 | E70100005 | E70100004 | E70100003 | E70100002 | E70100004 | E70100002 | E701000010 | |
| Bohrung 8 | # | # | Leer | E70100005 | E70100004 | E70100003 | E70100002 | E70100006 | E70100005 | E70100004 | E70100003 | E70100002 | E70100001 | E70100000 | E70100003 | E70100002 | E70100001 | E70100000 | E70100001 | E70100000 | |
| Bohrung 9 | SUV | # | Leer | G | L | H | N | P | J | EM | E | U | S | Z | L | H | N | D | V/* | R | |
| Bohrung 10 | V1/1A | # | Leer | VMP2A | 2-60bar | VMP2C | 2-210bar | CSB | CPE | MSV30E | MSV30 | MSV30E | CSPC15 | E70100005 | E70100004 | E70100003 | E70100002 | E70100004 | E70100002 | E701000010 | |
| Bohrung 11 | V1/1C | # | Leer | VMP2A | 2-60bar | VMP2C | 2-210bar | CSB | CPE | MSV31E | MSV30 | MSV30E | CSPC15 | E70100005 | E70100004 | E70100003 | E70100002 | E70100004 | E70100002 | E701000010 | |
| Bohrung 12 | # | # | Leer | VMP2A | 2-60bar | VMP2C | 2-210bar | CSB | CPE | MSV30E | MSV30 | MSV30E | CSPC15 | E70100005 | E70100004 | E70100003 | E70100002 | E70100004 | E70100002 | E701000010 | |
| Bohrung 13 | V1/00 | # | Leer | V4/* | V400 | V401 | V402 | V403 | V404 | V405 | V406 | V407 | V408 | V409 | V410 | V411 | V412 | V413 | V414 | | |
| Bohrung 14 | SUV | # | Leer | Ø X [mm] | 1 | 1,2 | 1,5 | 1,7 | 1,9 | 2,1 | 2,5 | 2,8 | 3 | 5 | | | | | | | |
| Bohrung 15 | V1/00 | # | Leer | Ø X [mm] | Closed | 0,8 | 1 | 1,25 | 1,5 | 1,75 | 2 | 2,75 | 3,5 | 4 | 5 | | | | | | |
| Bohrung 16 | SUV | # | Leer | Ø X [mm] | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 15 | | | | | | |
| Bohrung 17 | V1/00 | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 18 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 19 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 20 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 21 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 22 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 23 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 24 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 25 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 26 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 27 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 28 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 29 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 30 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 31 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 32 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 33 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 34 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 35 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 36 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 37 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 38 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 39 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 40 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 41 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 42 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 43 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 44 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 45 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 46 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 47 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 48 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 49 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 50 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 51 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 52 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 53 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 54 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | V10L | V10M | V10N | V10O | | |
| Bohrung 55 | SUV | # | Leer | V1/* | V10A | V10B | V10C | V10D | V10E | V10F | V10G | V10H | V10I | V10J | V10K | | | | | | |