

NACHI

DIRECT RELIEF MODULAR VALVE



DIRECT RELIEF MODULAR VALVE

20~50ℓ/min
8~21, 25, 35MPa

특징

- ① 직동형 RELIEF VALVE를 MODULAR 화 한 것으로, 유압 회로의 최고압력을 제어하는 안전-VALVE으로 사용됩니다.
- ② 최고사용압력 25MPa, 35MPa{255, 357kgf/cm²}, 압력조정범위 0.8~21MPa, 25MPa, 35 MPa{8.2~214, 255, 357 kgf/cm²}로 광범위하게 사용할 수 있습니다.

사양

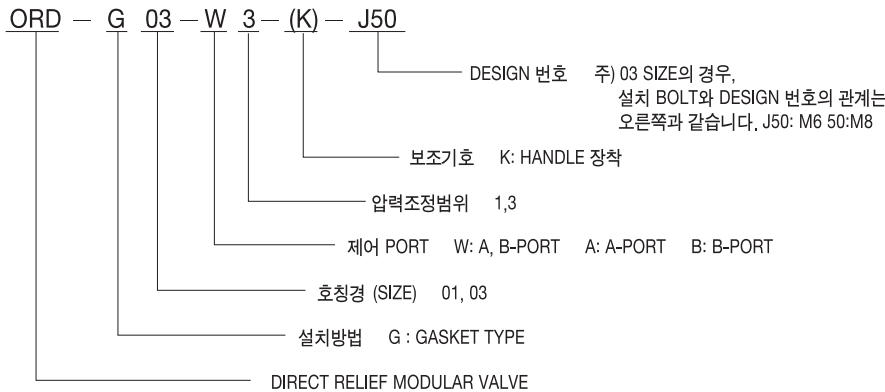
| 형식 | 호칭경 (SIZE) | 최고사용압력 MPa{kgf/cm ² } | 최대유량 ℓ/min | 압력조정범위 MPa{kgf/cm ² } | 질량 kg | GASKET 면 치수 |
|------------------------|------------|----------------------------------|------------|---|-------|---------------------|
| ORD-G01-W1-20 W3 | 1/8 | 25{255} | 20 | 0.8~ 7{ 8.2~71.4} 3.5~21{35.7~214} | 1.5 | ISO 4401-03-02-0-94 |
| ORD-G01-A1-20 A3 | | | | 0.8~ 7{ 8.2~71.4} 3.5~21{35.7~214} | 1.4 | |
| ORD-G01-B1-20 B3 | | | | 0.8~ 7{ 8.2~71.4} 3.5~21{35.7~214} | 1.4 | |
| ORD-G03-W1-J50 W3 | 3/8 | 25{255} | 30 | 0.8~ 7{ 8.2~71.4} 3.5~25{35.7~255} | 4.8 | ISO 4401-05-04-0-94 |
| ORD-G03-A1-J50 A3 | | | | 0.8~ 7{ 8.2~71.4} 3.5~25{35.7~255} | 4.0 | |
| ORD-G03-B1-J50 B3 | | | | 0.8~ 7{ 8.2~71.4} 3.5~25{35.7~255} | 4.0 | |
| ORH-G04-DW1-10 DW3 DW5 | 1/2 | 35{357} | 50 | 0.8~ 7{ 8.2~71.4} 3.5~25{35.7~255} 7~35{71.4~357} | 6.5 | ISO 4401-07-06-0-94 |
| ORH-G04-DA1-10 DA3 DA5 | | | | 0.8~ 7{ 8.2~71.4} 3.5~25{35.7~255} 7~35{71.4~357} | 6.5 | |
| ORH-G04-DB1-10 DB3 DB5 | | | | 0.8~ 7{ 8.2~71.4} 3.5~25{35.7~255} 7~35{71.4~357} | 6.5 | |

●취급

- ① 압력조정범위는 CRACKING 압력을 포함하여 나타냅니다.
- ② 안전-VALVE로 사용할 경우에는 압력 OVERRIDE분을 실제 회로 압력 보다 높여서 사용해 주십시오.
- ③ TANK PORT 배압에 의하여 CRACKING 압력은 그만큼 변합니다.
- ④ SUB PLATE 및 설치 BOLT는 포함되어 있지 않으므로, 필요한 경우에는 D-90~D-95 페이지에 의해 지정해 주십시오.
- ⑤ 04 SIZE에는 DRAIN-PORT L(DR₂) 이 없으므로, PRESSURE-CENTER SOLENOID VALVE(D-TYPE)와 조립해서 사용할 수 없습니다.

형식설명

01, 03 SIZE

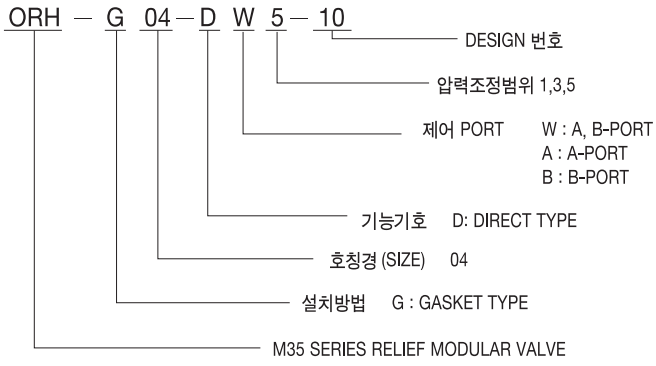


D
MODULAR VALVE

D
MODULAR VALVE

형식설명

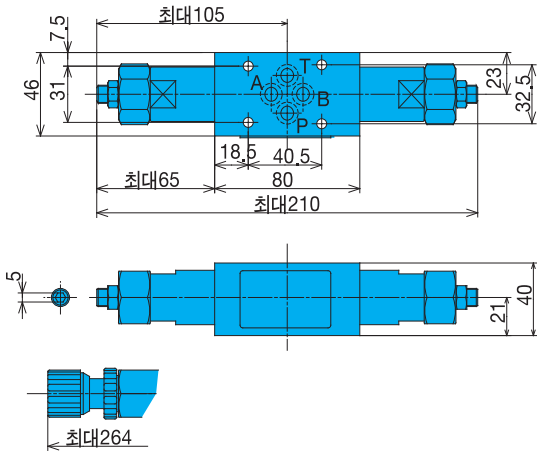
04 SIZE



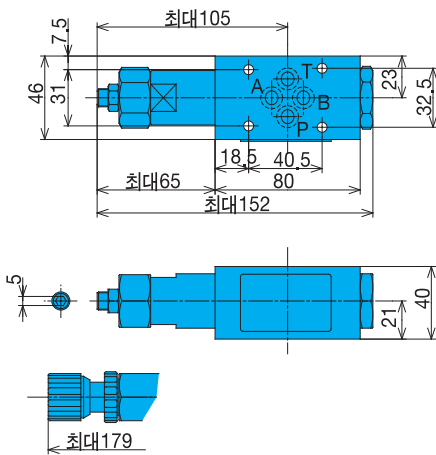
설치치수도

주) 조정나사(BOLT)는 우회전하면 압력이 상승, 좌회전하면 압력이 하강합니다.

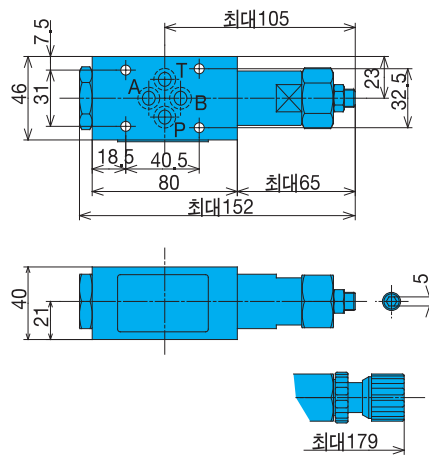
ORD-G01-W*-20

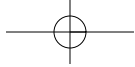


ORD-G01-A*-20

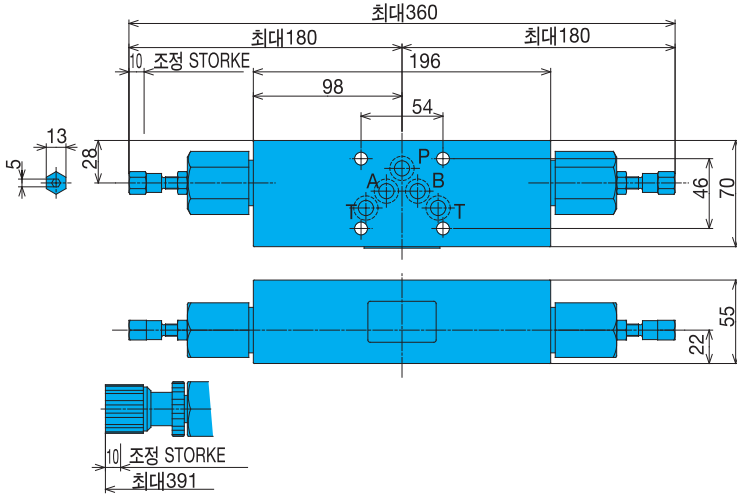


ORD-G01-B*-20

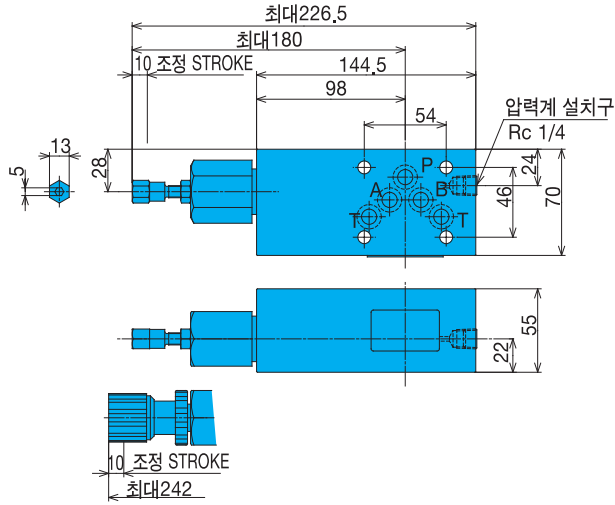




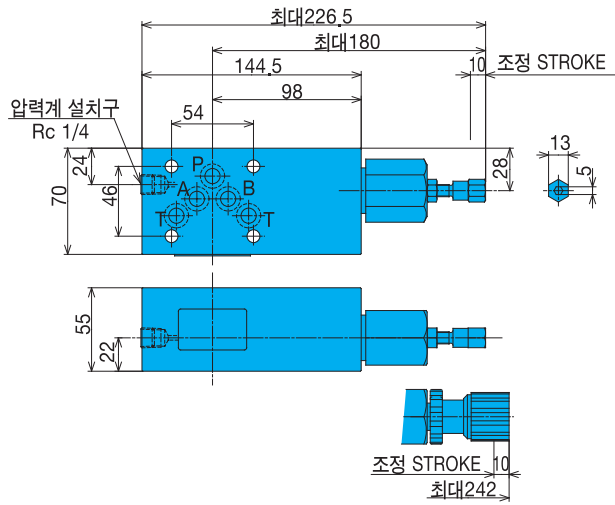
ORD-G03-W*-J50



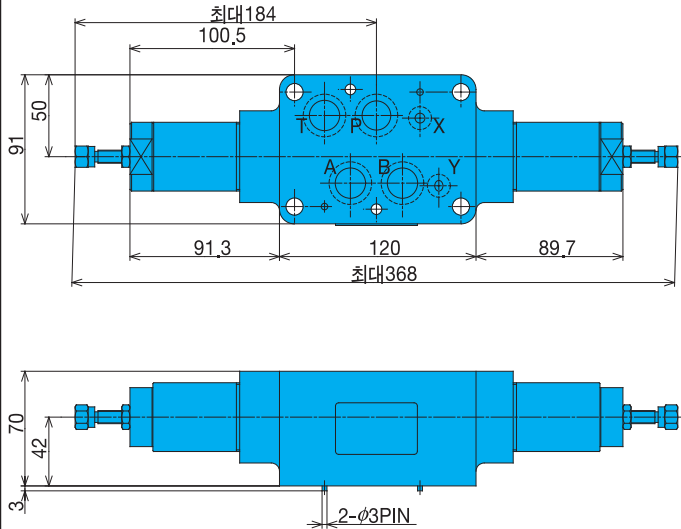
ORD-G03-A*-J50



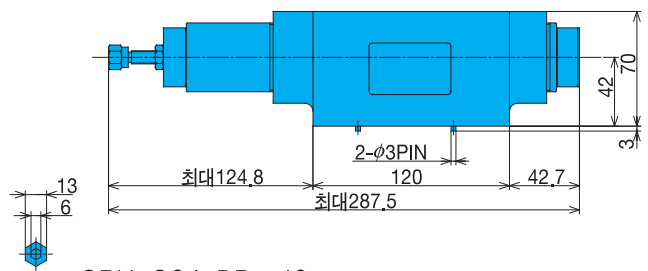
ORD-G03-B*-J50



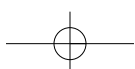
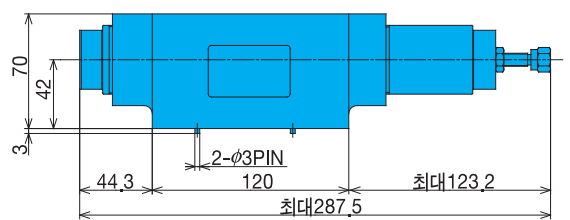
ORH-G04-DW*-10



ORH-G04-DA*-10



ORH-G04-DB*-10

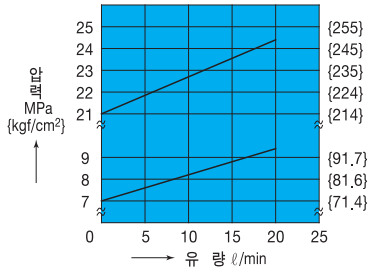


성능곡선

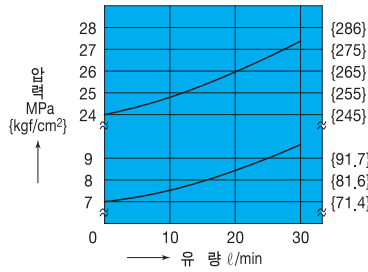
작동유 동점도 32mm²/s

압력-유량특성

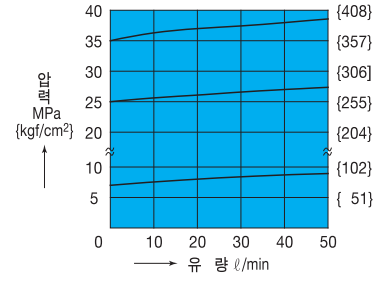
ORD-G01-**-20



ORD-G03-**-J50

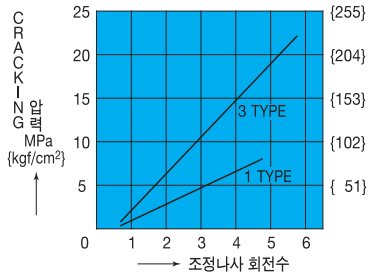


ORH-G04-DW*-10

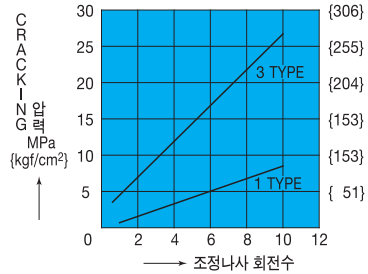


조정나사회전수-압력특성

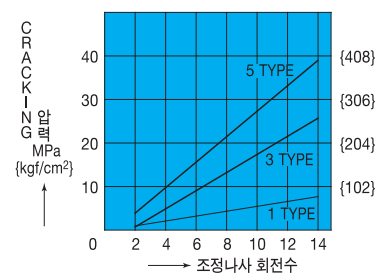
ORD-G01-**-20



ORD-G03-**-J50

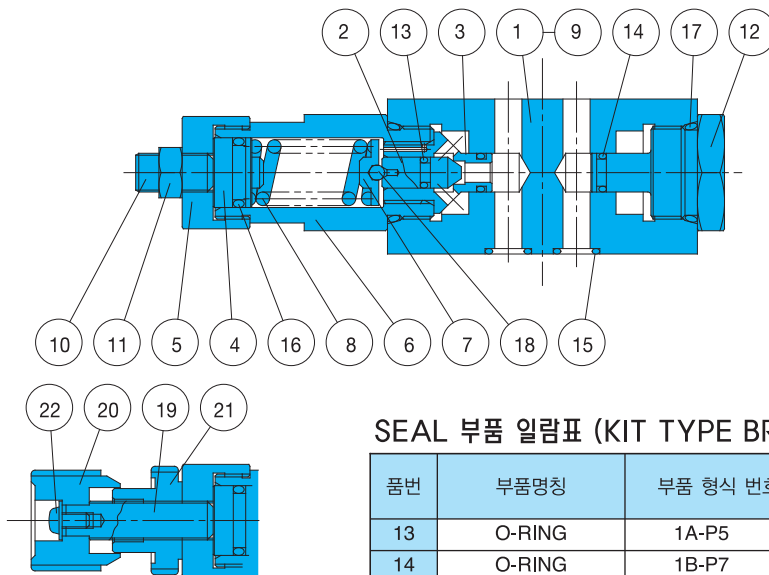


ORH-G04-DW*-10



단면구조도

ORD-G01-A*-20

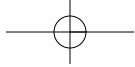


SEAL 부품 일람표 (KIT TYPE BRBS-O1RD*)

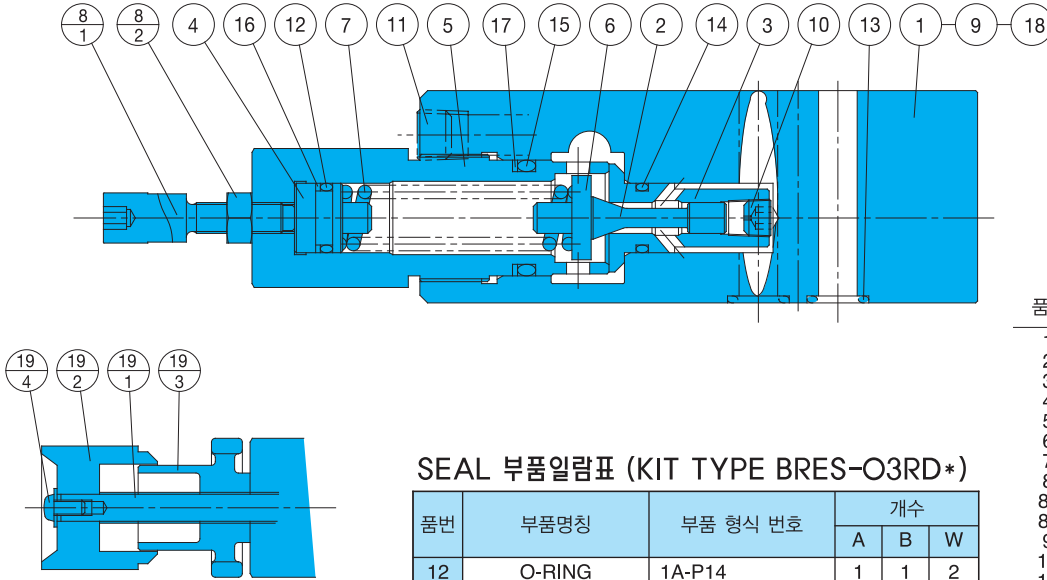
| 품번 | 부품명칭 | 부품 형식 번호 | 개수 | | |
|----|--------|----------|----|---|---|
| | | | W | A | B |
| 13 | O-RING | 1A-P5 | 2 | 1 | 1 |
| 14 | O-RING | 1B-P7 | 2 | 2 | 2 |
| 15 | O-RING | 1B-P9 | 4 | 4 | 4 |
| 16 | O-RING | 1B-P14 | 2 | 1 | 1 |
| 17 | O-RING | 1B-P22 | 2 | 2 | 2 |

주) 1. O-RING 1A/B-**는 JIS B2401-1A/B-**를 나타냅니다.
2. KIT TYPE의 *표시는 W, A, B중에 어느 것이든 표시해 주시기 바랍니다.

| 품번 | 부품명칭 |
|----|----------|
| 1 | BODY |
| 2 | POPPET |
| 3 | SEAT |
| 4 | PLUNGER |
| 5 | BUSHING |
| 6 | RETAINER |
| 7 | GUIDE |
| 8 | SPRING |
| 9 | PLATE |
| 10 | SCREW |
| 11 | NUT |
| 12 | BUSHING |
| 13 | O-RING |
| 14 | O-RING |
| 15 | O-RING |
| 16 | O-RING |
| 17 | O-RING |
| 18 | BALL |
| 19 | SCREW |
| 20 | KNOB |
| 21 | NUT |
| 22 | SCREW |



ORD-G03-A*-J50



SEAL 부품일람표 (KIT TYPE BRES-O3RD*)

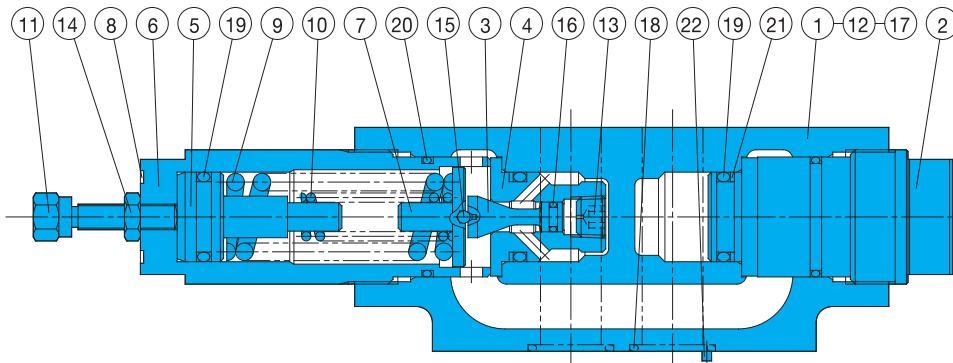
| 품번 | 부품명칭 | 부품 형식 번호 | 개수 | | |
|----|--------------|-----------------|----|---|---|
| | | | A | B | W |
| 12 | O-RING | 1A-P14 | 1 | 1 | 2 |
| 13 | O-RING | AS568-014(Hs90) | 5 | 5 | 5 |
| 14 | O-RING | 1B-P14 | 1 | 1 | 2 |
| 15 | O-RING | 1B-P24 | 1 | 1 | 2 |
| 16 | BACK-UP RING | T2-P14 | 1 | 1 | 2 |
| 17 | BACK-UP RING | T2-P24 | 1 | 1 | 2 |

주) 1. O-RING 1A/B-**는 JIS B2401-1A/B-**를 나타냅니다.
 2. BACK-UP RING은 JIS B2407-T2-**를 나타냅니다.
 3. KIT TYPE의 *표시는 W, A, B중에 어느 것이든 표시해 주시기 바랍니다.

| 품번 | 부품명칭 |
|------------------|--------------|
| 1 | BODY |
| 2 | POPPET |
| 3 | SEAT |
| 4 | PLUNGER |
| 5 | RETAINER |
| 6 | GUIDE |
| 7 | SPRING |
| 8 | SCREW KIT |
| 8 ⁻¹ | SCREW |
| 8 ⁻² | NUT |
| 9 | PLATE |
| 10 | ORIFICE |
| 11 | PLUG |
| 12 | O-RING |
| 13 | O-RING |
| 14 | O-RING |
| 15 | O-RING |
| 16 | BACK-UP RING |
| 17 | BACK-UP RING |
| 18 | PIN |
| 19 | HANDLE KIT |
| 19 ⁻¹ | SCREW |
| 19 ⁻² | KNOB |
| 19 ⁻³ | NUT |
| 19 ⁻⁴ | SCREW |

D
MODULAR VALVE

ORH-G04-DA*-10



SEAL 부품 일람표 (KIT TYPE BRKS-O4RD*)

| 품번 | 부품명칭 | 부품 형식 번호 | 개수 | | |
|----|--------------|-----------------|----|---|---|
| | | | W | A | B |
| 16 | O-RING | 1A-P6 | 2 | 1 | 1 |
| 17 | O-RING | AS568-012(Hs90) | 2 | 2 | 2 |
| 18 | O-RING | AS568-118(Hs90) | 4 | 4 | 4 |
| 19 | O-RING | 1B-P22A | 4 | 3 | 3 |
| 20 | O-RING | AS568-125(Hs70) | 2 | 2 | 2 |
| 21 | BACK-UP RING | T2-P22A | 2 | 2 | 2 |

주) 1. O-RING 1A/B-**는 JIS B2401-1A/B-**를 나타냅니다.
 2. BACK-UP RING은 JIS B2407-T2-**를 나타냅니다.
 3. KIT TYPE의 *표시는 W, A, B중에 어느 것이든 표시해 주시기 바랍니다.

| 품번 | 부품명칭 |
|----|--------------|
| 1 | BODY |
| 2 | PLUG |
| 3 | POPPET |
| 4 | SEAT |
| 5 | PLUNGER |
| 6 | RETAINER |
| 7 | GUIDE |
| 8 | PLATE |
| 9 | SPRING |
| 10 | SPRING |
| 11 | SCREW |
| 12 | PLATE |
| 13 | CHOKE |
| 14 | NUT |
| 15 | BALL |
| 16 | O-RING |
| 17 | O-RING |
| 18 | O-RING |
| 19 | O-RING |
| 20 | O-RING |
| 21 | BACK-UP RING |
| 22 | PIN |

