

1. Pascal Pump X63

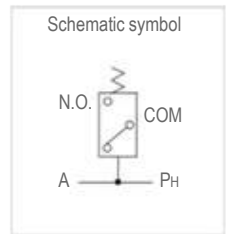


| Model | X6306 | X6308 | X6310 | X6312 | X6316 | X6320 |
|-----------------------|---------------------------------|-------|--------|-------|--------|-------|
| Boosting ratio | 97 | 58 | 37 | 24 | 15 | 9.2 |
| Discharge pressure | Refer to "Performance Diagrams" | | | | | |
| Discharge flow | Refer to "Performance Diagrams" | | | | | |
| Air pressure range | 0.2 ~ 0.7 MPa | | | | | |
| Air consumption | 0.4 Nm ³ /min | | | | | |
| Operating noise | 78 ± 1 d b (A) | | | | | |
| Operating temperature | 0 ~ 70 °C (No frozen) | | | | | |
| Mass | 2.5 kg | | 2.6 kg | | 2.7 kg | |

2. Pascal Pressure switch SAA

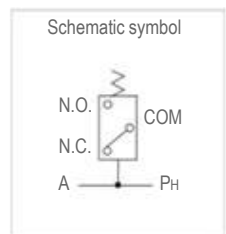


| | | |
|----------------------------------|--|---|
| Model | SAA210P-F | |
| Application | Clamp confirmation | |
| Set pressure (※) | (MPa) | 24.5 MPa CIRCUIT INC. 14.7 (150 kgf/cm²) 13.7 MPa CIRCUIT INC. 8.82 (90 kgf/cm²) |
| Set pressure precision | Within ± 1.0 % | |
| Shock resistance force | max. 30G | |
| Working ambient temperature (°C) | -5 ~ 70 | |
| Working fluid | ISO-VG32 equivalent normal operation oil Water-Glycol | |
| Proof pressure (MPa) | 68.6 | |
| Range of set pressure (MPa) | Working pressure on pressurized (INC.) 1.96 ~ 20.5 Working pressure on depressurized (DEC.) 0.49 ~ 18.1 | |
| Differential pressure (MPa) | 1.47 ~ 2.45 | |
| Rating | UL/CSA rating AC125V, 250V, 480V-10A 1/8HP-AC250V DC 125V-1/2A DC 250V-1/4A | |
| Switch model | BZ-2RD3000-T4-J (Azbil Corporation) | |
| Contact arrangement | Single Pole Double Throw (SPDT) | |
| Mass (kg) | 0.6 | |



※ The set pressure is subject to the circuit pressure. Refer to the drawing for approval.

| | | |
|----------------------------------|--|--|
| Model | SAA40E-F | |
| Application | Die-lifter down confirmation | |
| Set pressure (※) | (MPa) | DEC. 1.96 (20 kgf/cm²) |
| Set pressure precision | Within ± 1.0 % | |
| Shock resistance force | max. 30G | |
| Working ambient temperature (°C) | -5 ~ 70 | |
| Working fluid | ISO-VG32 equivalent normal operation oil Water-Glycol | |
| Proof pressure (MPa) | 68.6 | |
| Range of set pressure (MPa) | Working pressure on pressurized (INC.) 0.49 ~ 3.92 Working pressure on depressurized (DEC.) 0.20 ~ 3.43 | |
| Differential pressure (MPa) | 0.29 ~ 0.49 | |
| Rating | UL/CSA rating AC125V, 250V, 480V-10A 1/8HP-AC125V 1/4HP-AC250V DC 125V-1/2A DC 250V-1/4A | |
| Switch model | BZ-2RD3000-T4-J (Azbil Corporation) | |
| Contact arrangement | Single Pole Double Throw (SPDT) | |
| Mass (kg) | 0.6 | |

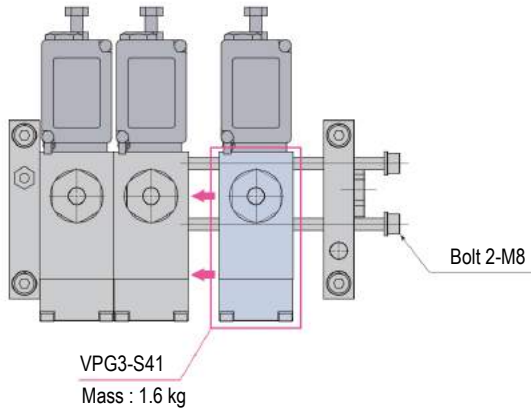


※ The set pressure is subject to the circuit pressure. Refer to the drawing for approval.

3. Pascal Valve VPG / VPG-H

When servicing : to be replaced by a valve block

VPG



When servicing : to be replaced by a valve cartridge

VPG-H

