

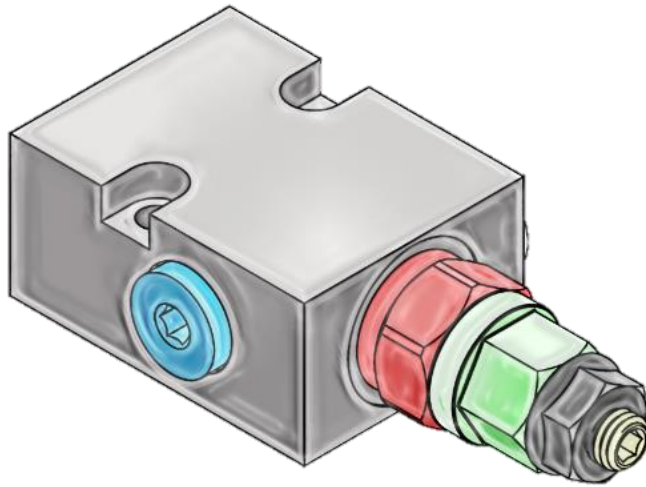
Sequence Valve

Model SQ

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Technical Data

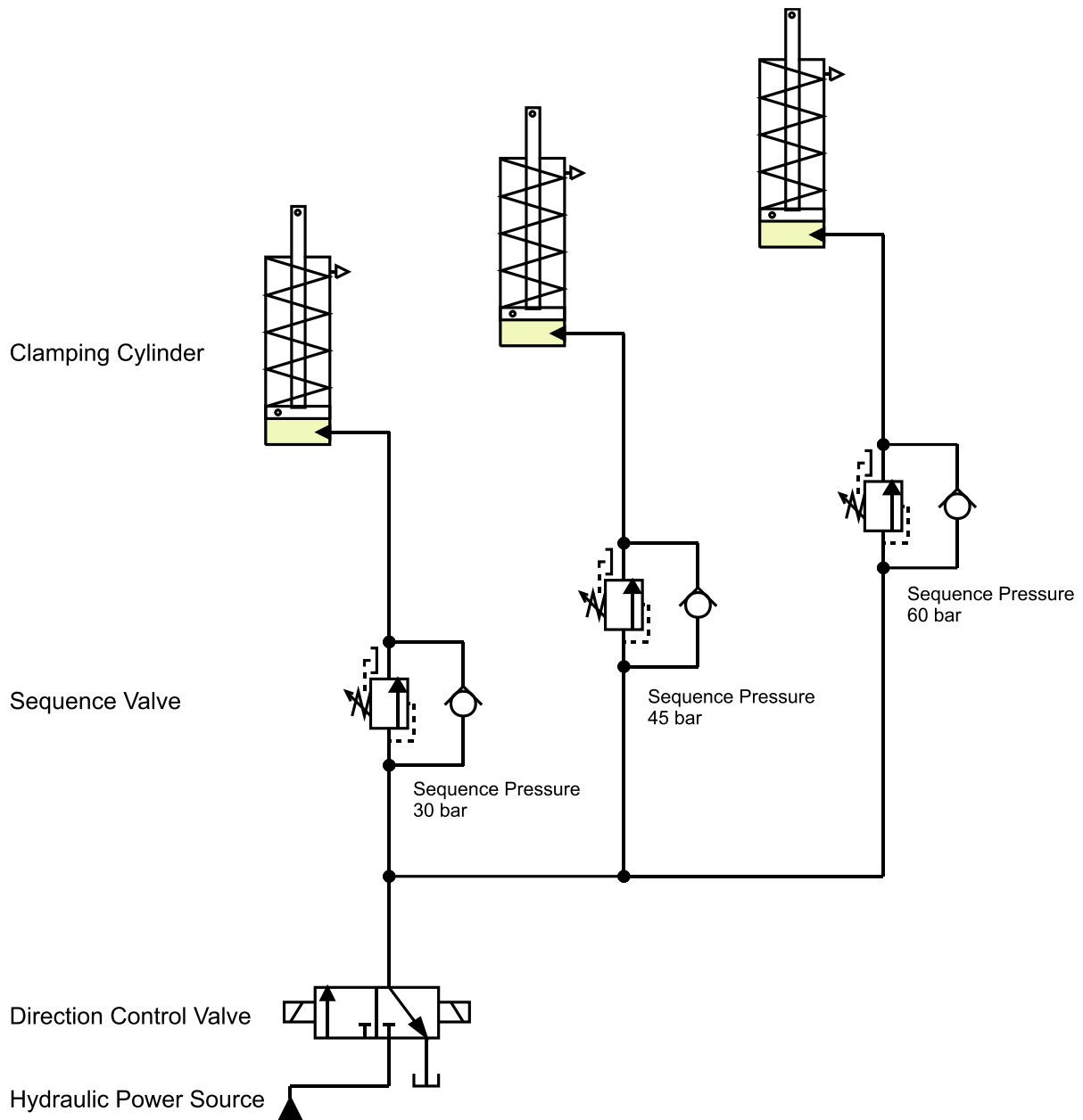


Specifications

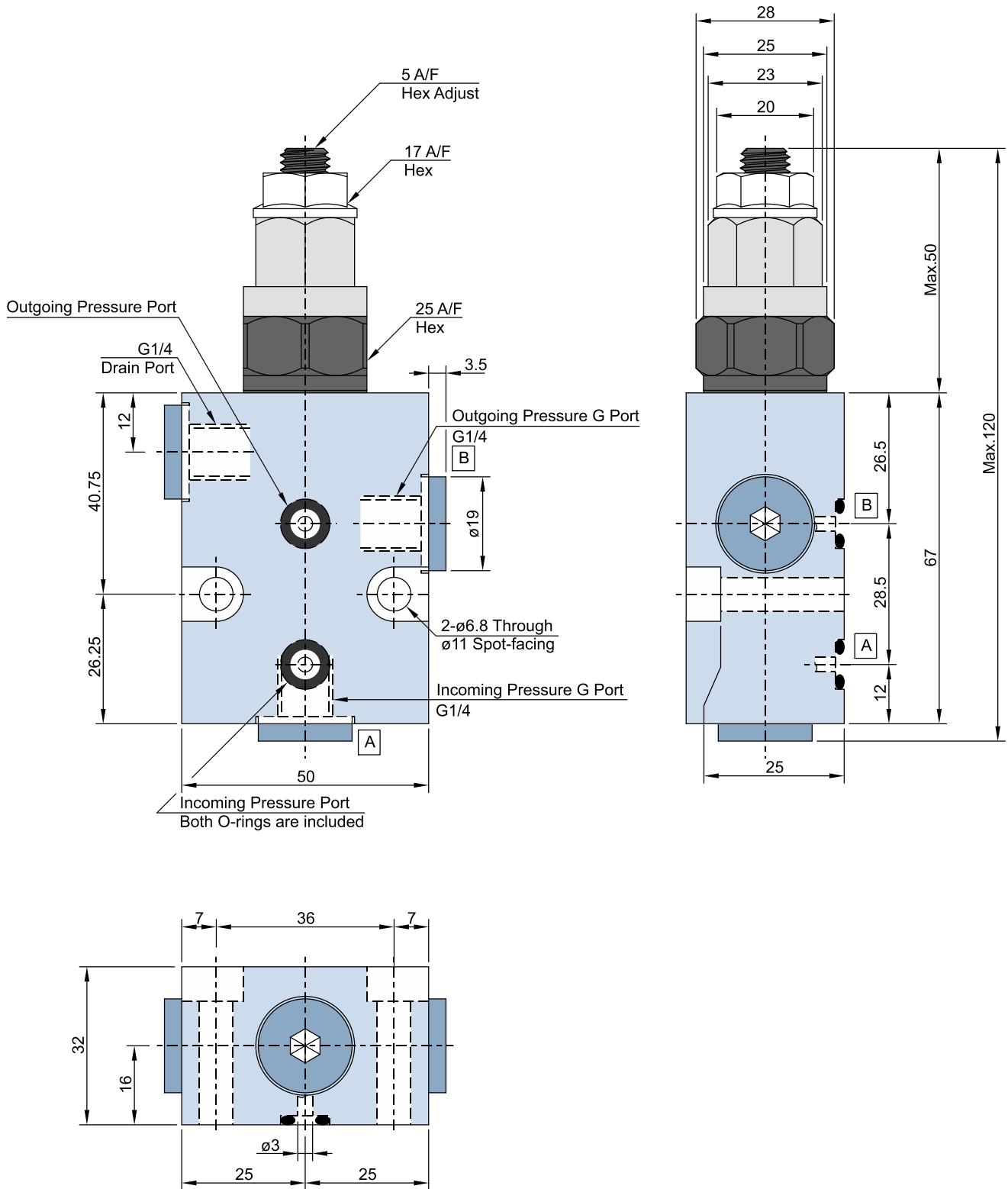
Rated Flow	lpm	40
Pressure Range	bar	10-350
Operating Temperature	°C	-20 to 90
Filtration Level		BS5540/4 Class I8/I3 (25µ nominal)
Viscosity Range	cSt	5-500
Fluid used		General Mineral Based Hydraulic Oil (ISO – VG32 Equivalent)
Mass	Kg	1

Hydraulic Circuit Diagram

- This circuit shows sequencing application in cylinders.
- Please be aware when designing the circuit.



External Dimensions

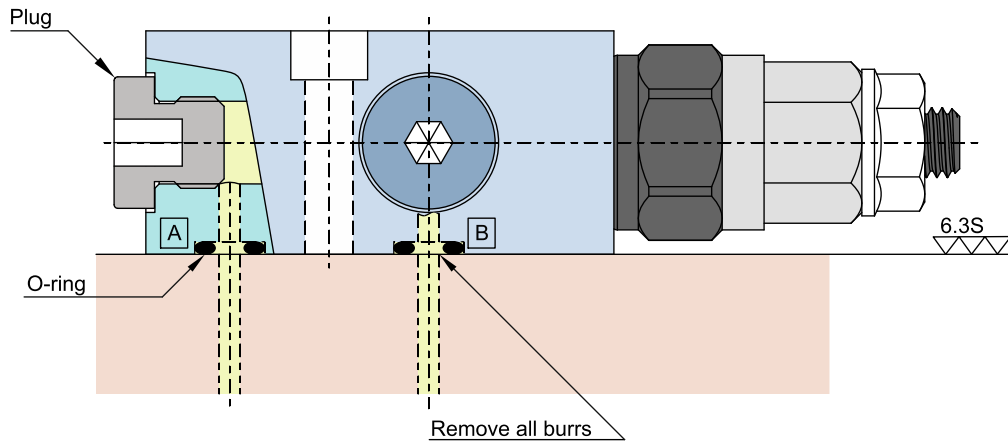


- Mounting Screws are not included.
- Set sequencing pressure by tightening or loosening the grub screw located at end of valve.

Instructions

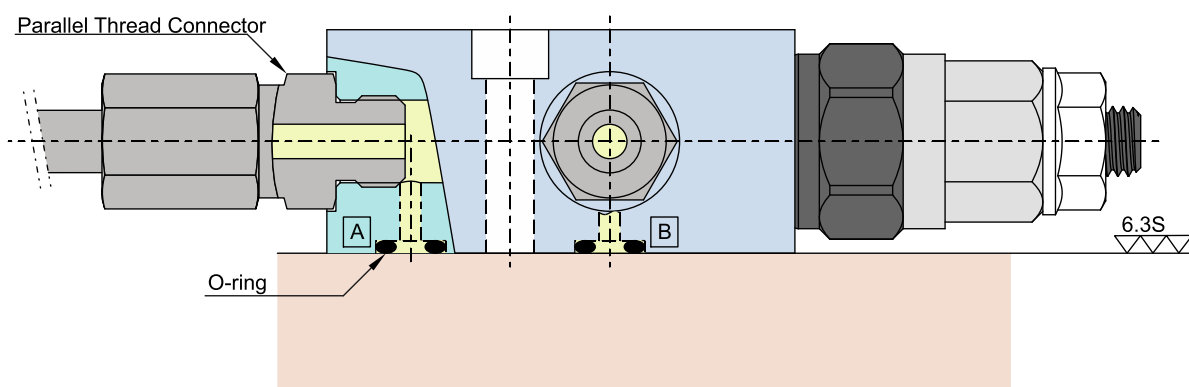
Hydraulic Connection

Gasket Option



- For gasket option, G-ports must be closed with plug.
- The fluid flow is from path A to B.
- Roughness of mounting surface (O-ring seal surface) should be 6.3S or less.

Piping Option



- In a piping option, Gasket holes must be closed with O-ring.
- The fluid flow is from path A to B.
- Roughness of mounting surface (O-ring seal surface) should be 6.3S or less.



Cautions

1. Check the usable fluid.
 - i.e. General Mineral Based Hydraulic Oil (ISO – VG32 Equivalent)
 - Make sure the hydraulic fluid not deteriorated.
2. If there is something wrong with the circuit design, it leads to the applications malfunction and damage.
3. The sequence effect may not be achievable due to a back pressure in case the hydraulic circuit would be built by meter out control or would generate pipe resistance.
4. Hydraulic supply
 - Never exceed the given pressure limit otherwise it will cause malfunction of the product.
 - If the flow rate is too high, excessive speed can be caused and lead to wear and damage to cylinder components.
5. Procedure before piping
 - The pipeline, piping connector and fixture circuits should be cleaned by thoroughly flushing.
 - The dust and cutting chips in the circuit may lead to fluid leakage and malfunction.
 - There is no filter provided with product, which prevents foreign materials and contaminants from getting into the circuit.
 - While applying the sealing tape ensure that no pieces of sealing tape enters into the circuit, it can lead to oil leakage and malfunctions.
 - Please implement piping constructions in a clean environment to prevent anything getting into the product.
6. Do not disassemble or modify the product.
 - If the product is modified, then malfunction occurs.
7. Please contact us for overhaul and repair.