

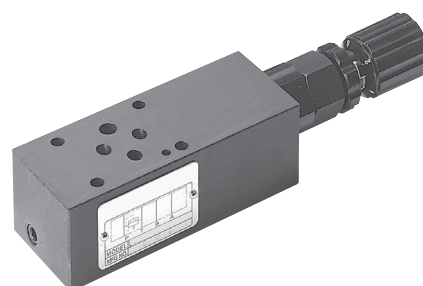
MODULAR VALVES - KP6MC

Relief Valve

Cetop 3

Characteristics :

- Highest performance in NG 6.
- Double stage pressure relief valves with balanced poppet.
- Sandwich plate design.
- 5 pressure ranges.
- 4 optional effective directions of flow.
- With one or two pressure relief cartridges.
- Connections to DIN, ISO and CETOP.

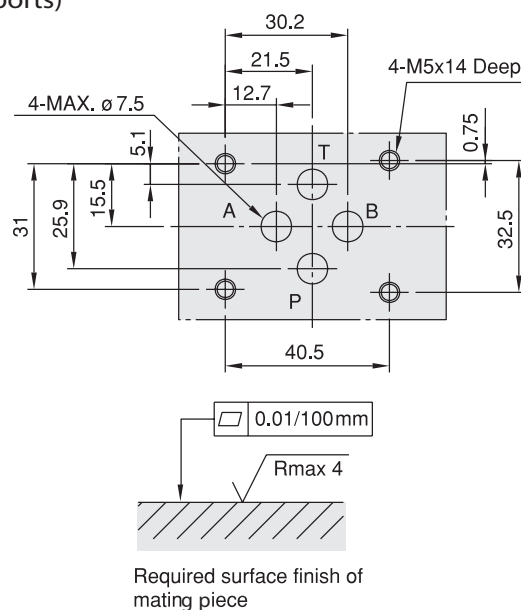


Specification :

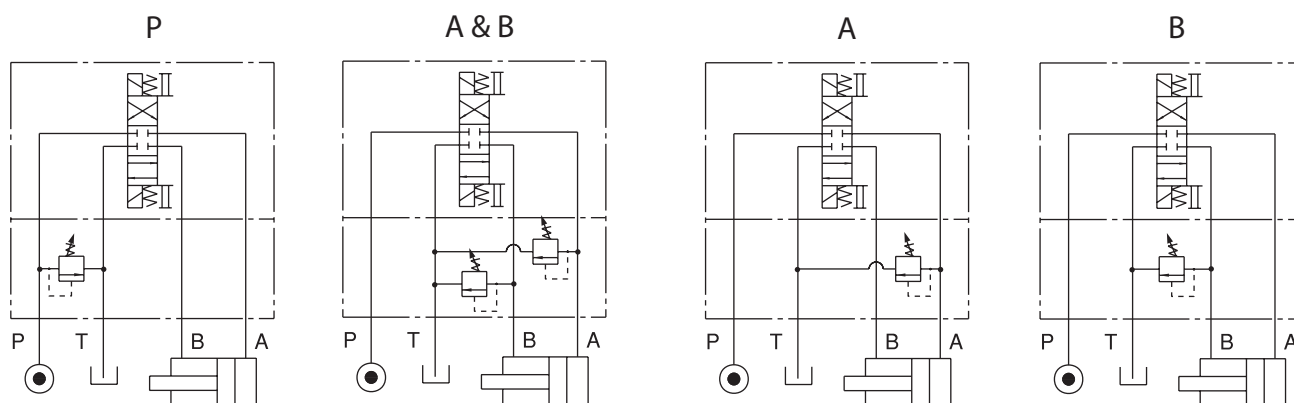
| | | |
|-----------------------------|------------|----------------------|
| Maximum flow | | 50 l /min {13.2 GPM} |
| Maximum operating pressure | | 320 bar {4570 PSI} |
| Pressure adjusting range | | 0: 7~35 bar |
| | | 1: 7~70 bar |
| | | 2: 7~140 bar |
| | | 3: 7~210 bar |
| | | 4: 35~320 bar |
| Ambient temperature range | | -20°C~+50°C |
| Hydraulic fluid temperature | | -20°C~+70°C |
| Viscosity range | | 15~400 mm²/s |
| Hydraulic oil | | ISO VG 32, 46, 68 |
| Fluid cleanliness | | NAS Class 9 MAX. |
| Mounting pattern | | ISO 4401-AB-03-4-A |
| Weight | P type | 1.5 Kg |
| | A & B type | 2.3 Kg |
| | A type | 1.6 Kg |
| | B type | 1.6 Kg |

Installation Dimensions :

(Machined valve mounting face with position of ports)



Hydraulic Configuration :



INTERNATIONAL VALVES - KP6MC

Relief Valve

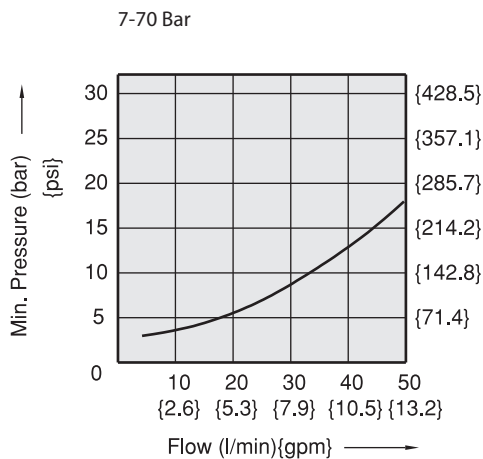
Pressure Adjusting Range :

● 0: 7~35 bar. ● 1: 7~70 bar. ● 2: 7~140 bar. ● 3: 7~210 bar. ● 4: 35~320 bar.

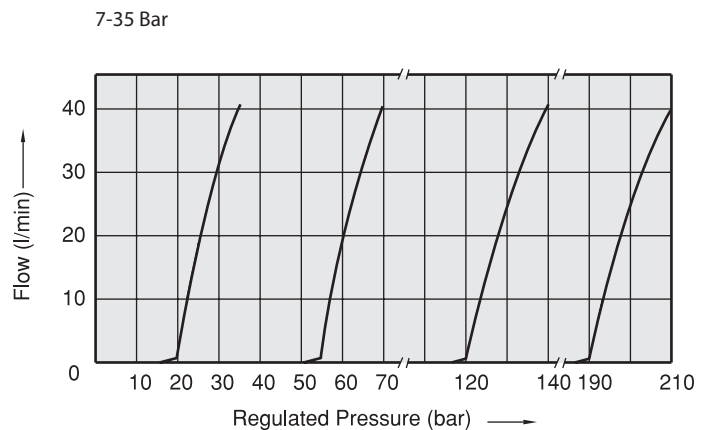
Performance Curves :

Viscosity of Hydraulic Fluid: 32 mm²/s

Minimum Pressure Versus
Flow Diagram



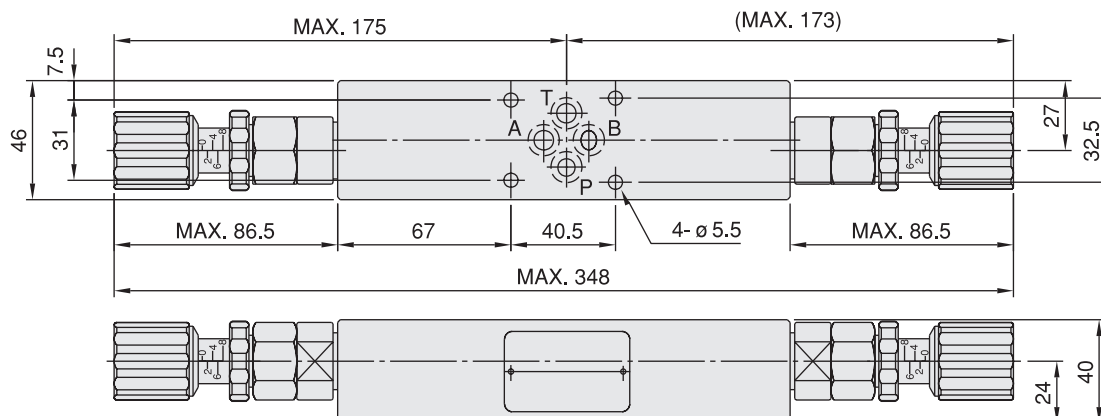
Regulated Pressure Versus
Flow Diagram



Dimensions :

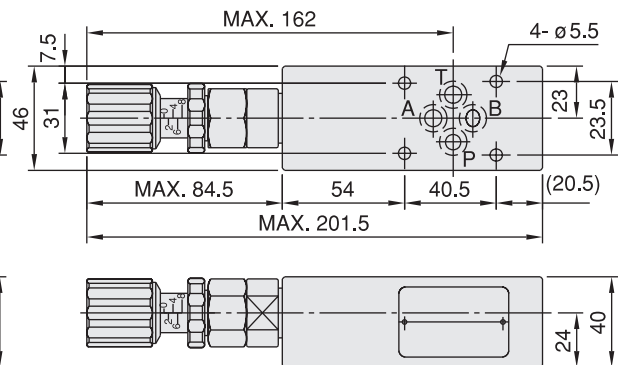
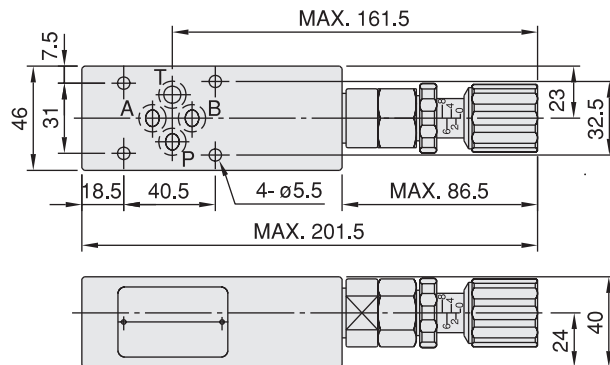
Relief - A & B Part. KP6MC/32AB

3rd angle projection

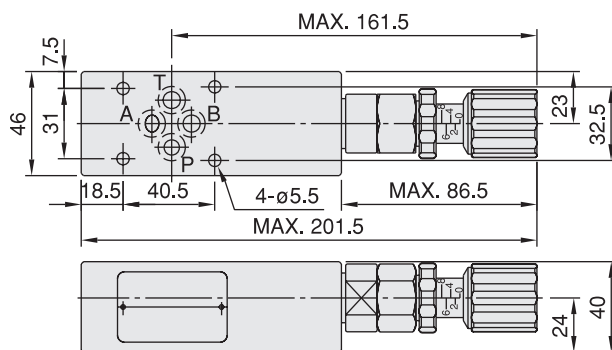


Relief Valve

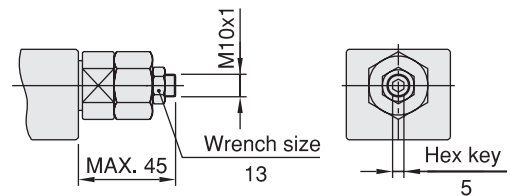
Relief - A Part.KP6MC/32A



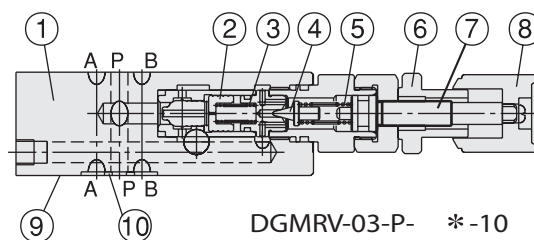
Relief - B Part.KP6MC/32B



DGMRV-03- * - *-20



Cross Section Drawing :



- | | |
|----------------------------|----------------------------|
| 1. Body. | 9. Connections to DIN |
| 2. Balanced poppet. | 24340 from A6; valve |
| 3. Balanced poppet spring. | fixing screws M5 DIN |
| 4. Pilot valve poppet. | 912-10.9, tightening |
| 5. Adjustment spring. | torque 8~9 Nm. |
| 6. Locking nut. | 10. O-ring 1B-P9 for ports |
| 7. Setting screw. | A, B, P and T. |
| 8. Adjustment element. | |