

CETOP5 Relief Valves

- For "P" Line: **MBP-03-*30**
- For "A" Line: **MBA-03-*30**
- For "B" Line: **MBB-03-*30**
- For "A&B" Line: **MBW-03-*30**

Specifications

Model Numbers	Graphic Symbols	Detailed Graphic Symbols
MBP-03		
MBA-03		
MBB-03		
MBW-03		

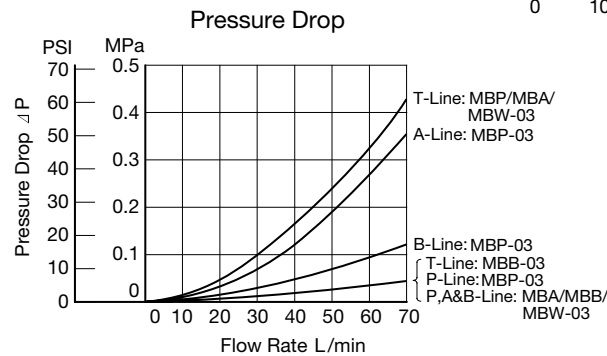
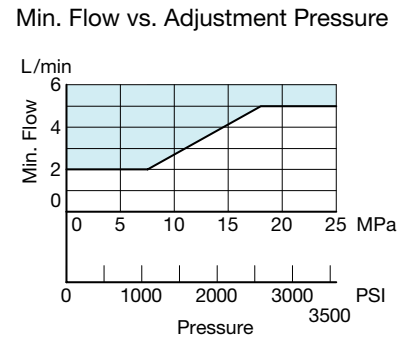
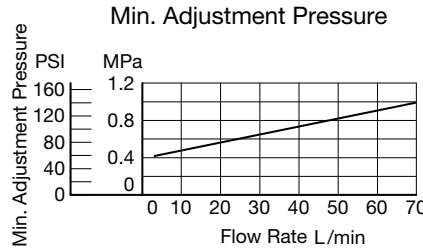
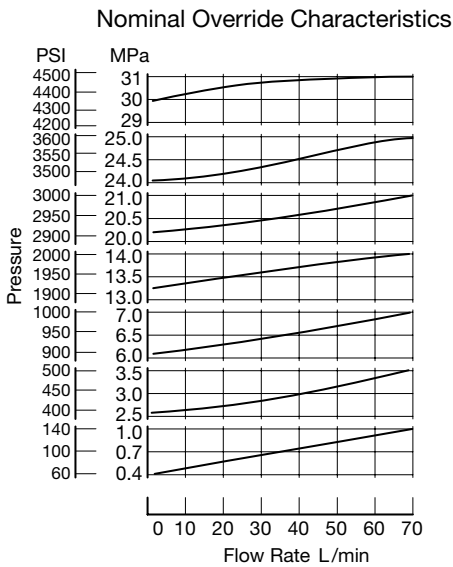
Model Numbers	Pres. Adj. Range (MPa (PSI))	Max. Op Pressure (MPa (PSI))	Max. Flow (L/min)	Weight
MBP-03-*30		31.5 (4570)	70	3.5kg
MBA-03-*30	B = *-7 (*-1020) ★1	31.5 (4570)	70	3.5kg
MBB-03-*30	H = 3.5-25 (510-3630)	31.5 (4570)	70	3.5kg
MBW-03-*30		31.5 (4570)	70	4.2kg

Instructions

- The minimum adjustment pressure equals the value obtained from the minimum adjustment pressure characteristics plus the tank line back pressure of the next page. This back pressure should include the value of the T-line pressure drop characteristics of the valves stacked to the base plate side of the modular valve.
- To make pressure adjustment, loosen the lock nut and turn the pressure adjustment screw clockwise or anticlockwise. For an increase of pressure, turn the screw clockwise. Be sure to re-tighten the lock nut firmly after making adjustment to the pressure.
- In case of a small flow, the setting pressure may become unstable. To avoid this, refer to the minimum flow characteristic curve of the next page and use the valve within a range as shown with

Typical Performance Characteristics

Hydraulic Fluid: Viscosity 35 mm²/s (164 SSU), Specific Gravity 0.850



Model Number Designation

MBA	-03	-C	-30	*
Series Number	Valve Size	Pres. Adj. Range (MPa (PSI))	Design Number	Design Standard
MBP: Relief Valve for P-Line	03		30	
MBA: Relief Valve for A-Line	03	B : *-7 (*-1020) ★1	30	Refer to ★2
MBB: Relief Valve for B-Line	03	H : 3.5-25 (510-3630)	30	
MBW: Relief Valve for A&B-Line	03		30	

★1. See the "Minimum Adjustment Pressure" above for the item marked *.
 ★2. Design Standards: None ... Japanese Standard "JIS" and European Design Standard 90 ... N. American Design Standard

Special seals - On Request