

MRV Modular Relief Valves



The valve can control flow for positive direction pass oil port. Big and small can be adjusted by handle. It passes to check valve for reverse flow.

Max.Pressure 21MPa
Max.Flow :
Size 02 up to 35L/min
Size 03 up to 70L/min

Ordering details

MRV	-02	-P	-3	-A
Sort	Size	Port number	Pressure adj.range MPa	Direction of knob
MRV: Modular Relief Valves	02	P: P port	1: 0.7-7.0	A: A port side
	03	A: A port B: B port	2: 3.5-14.0 3: 7.0-21.0	B: B port side standard type

Symbols

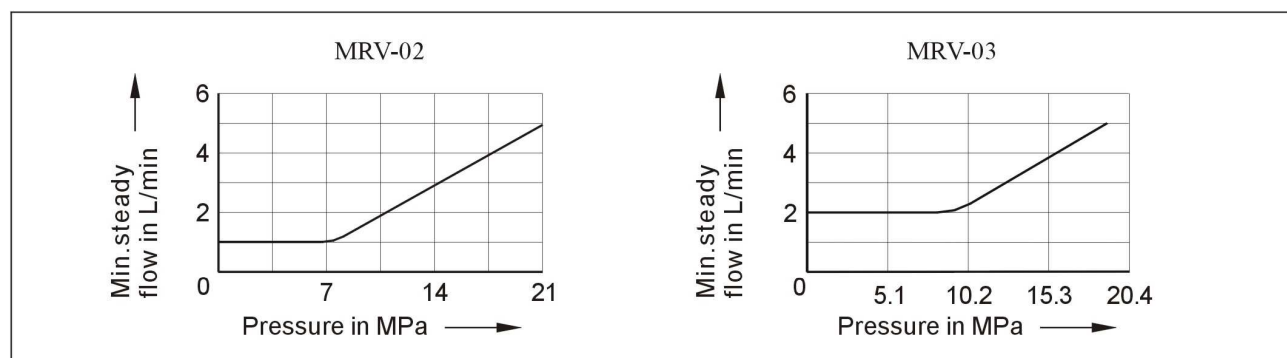
Type	MRV-※-P	MRV-※-A	MRV-※-B
Symbols	 P T B A P1 T1 B1 A1	 P T B A P1 T1 B1 A1	 P T B A P1 T1 B1 A1

Technical data

Type	Max.pressure MPa	Pressure adj.range MPa	Max.flow L/min	Weight Kg
MRV-02	21	See ordering details	35	1.2
MRV-03			70	2.7

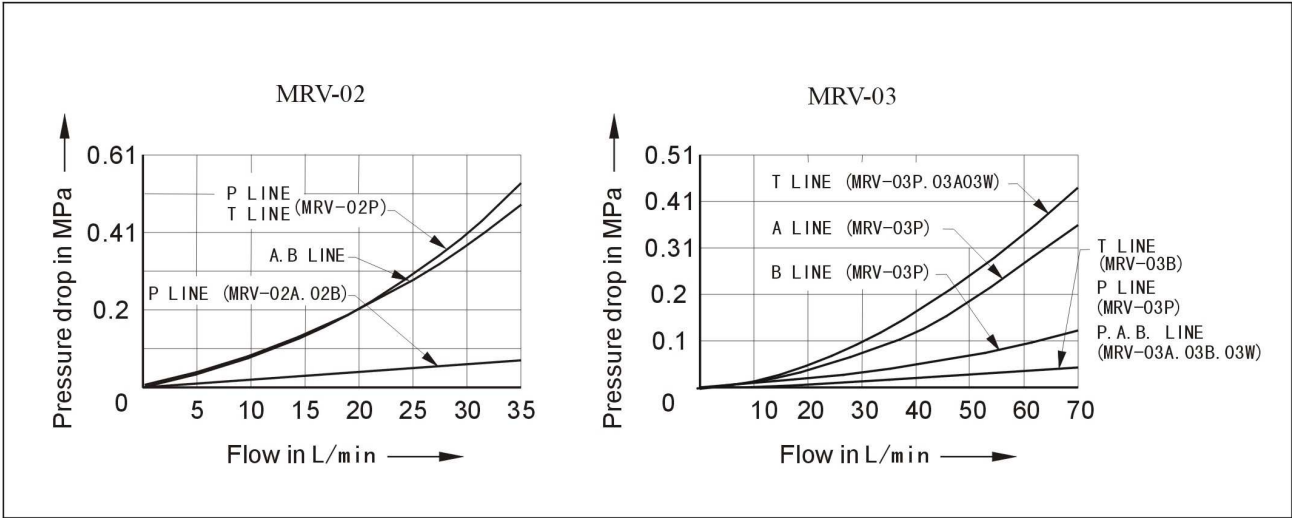
Characteristic Curves : Min.steady flow

(measured at $v=35\text{mm}^2/\text{s}$ and $t=50^\circ\text{C}$)



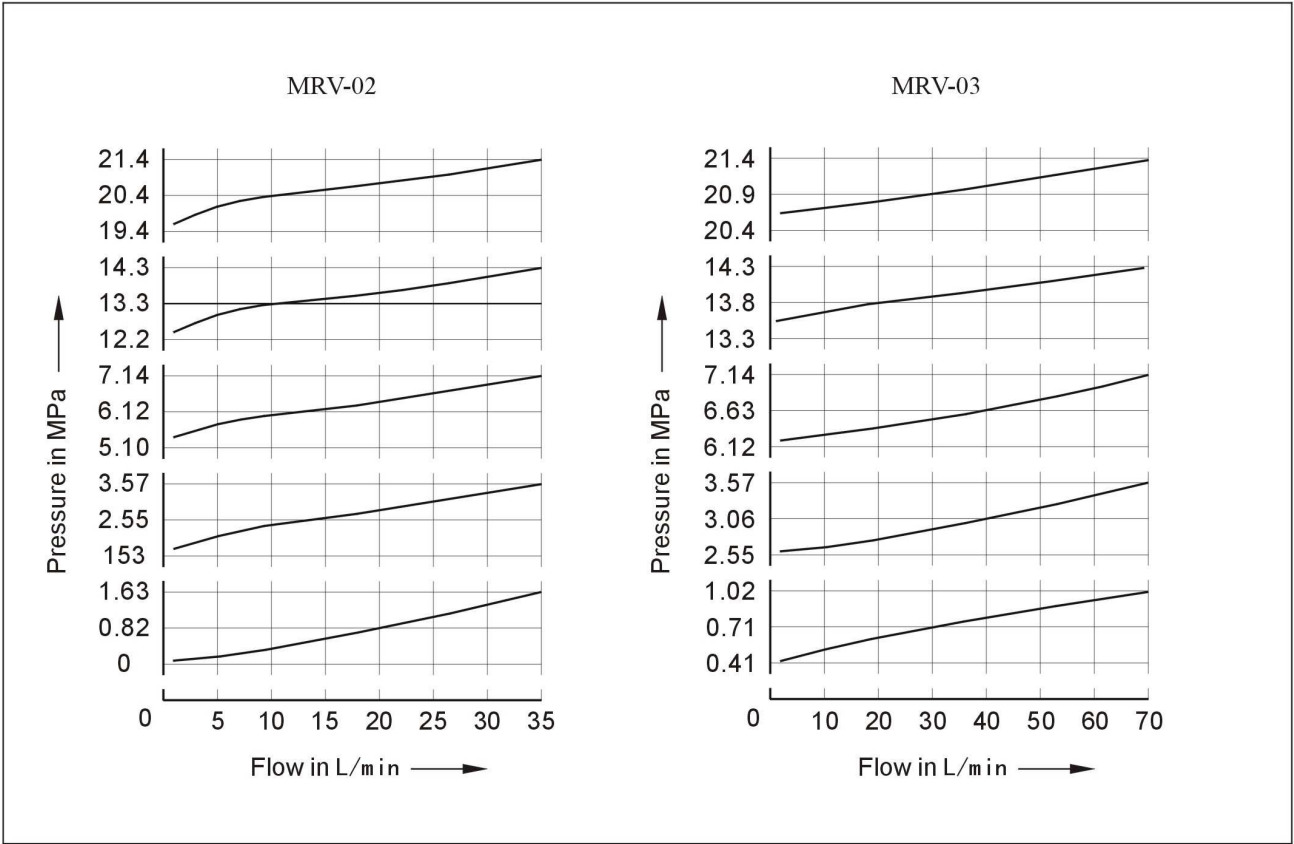
Characteristic Curves : Pressure drop

(measured at $v=35\text{mm}^2/\text{s}$ and $t=50^\circ\text{C}$)



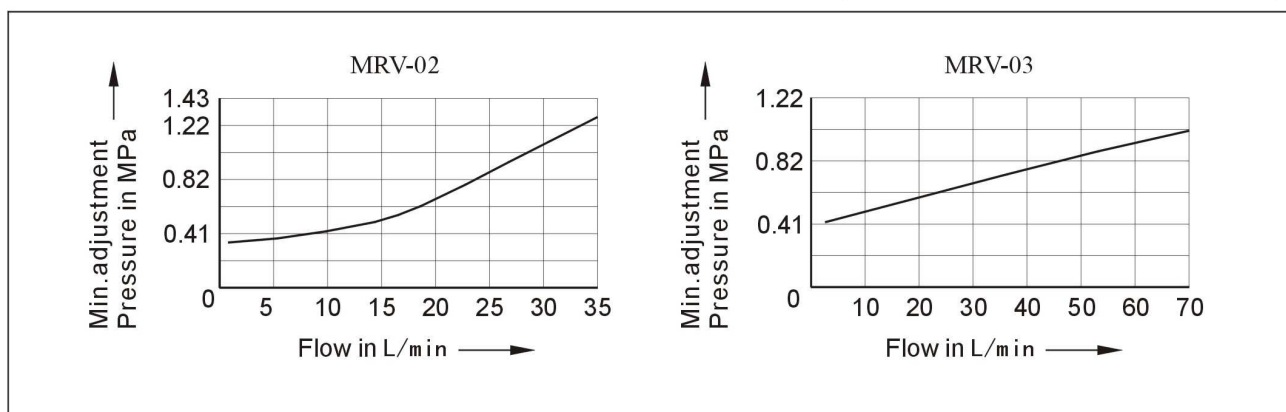
Characteristic Curves : Nominal override

(measured at $v=35\text{mm}^2/\text{s}$ and $t=50^\circ\text{C}$)



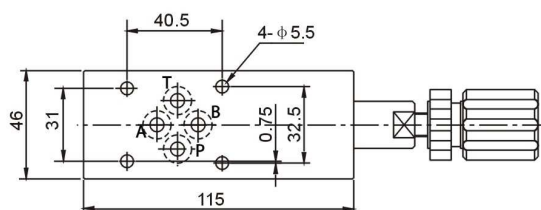
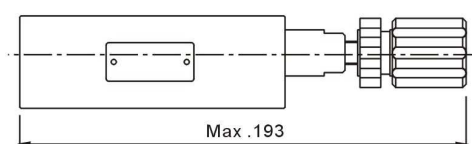
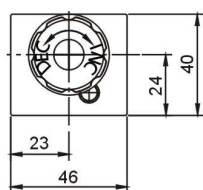
Characteristic Curves : Min.adj.pressure

(measured at $v=35\text{mm}^2/\text{s}$ and $t=50^\circ\text{C}$)



Installation dimensions

● MRV-02



● MRV-03

