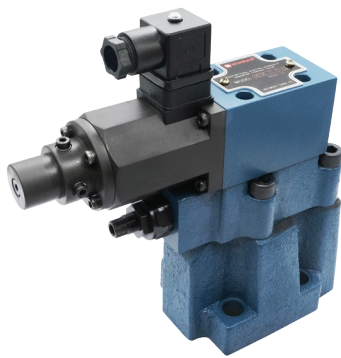


PROPORTIONAL PILOT-OPERATED VALV (WBEME)



Specification	03	06	10
Maximum Pressure (Bar)	315	315	315
Maximum Flow (L/min)	100	200	400
Minimum Flow (L/min)	3		
Rated current (mA)	800		
Coil resistance (Ω)	10~19.5		
Hysteresis (%)	< ±1.5		
Repeatability (%)	< ±2		
Cleanliness	Filter is recommended for the highest fluid pollution degree; the lowest specific filtration resistance according to ISO 4406 (C) 20/18/15.		

Comprised of proportional directly-operated relief valve, pressure limiting valve and low-noise relief valve.

Model Instruction

WBEME — * — * * — 70 *

Proportional pilot-operated relief valve

Specification

03 : DN10

06 : DN20

10 : DN30

Working pressure:

70 : 70 Bar

160 : 160 Bar

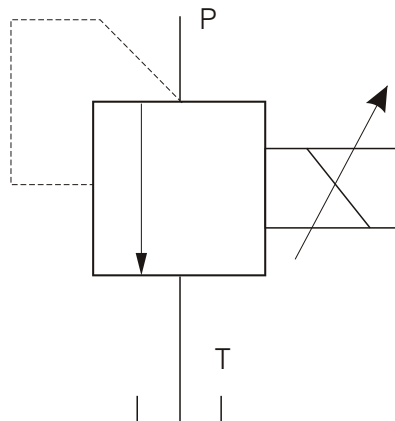
250 : 250 Bar

Remarks

Design serial number

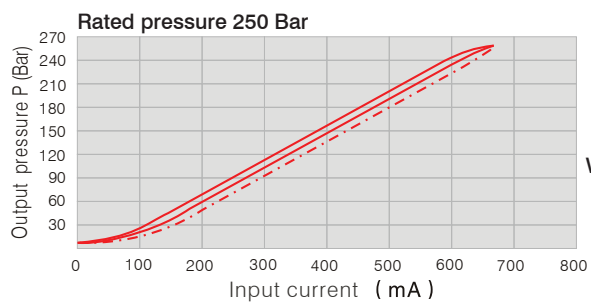
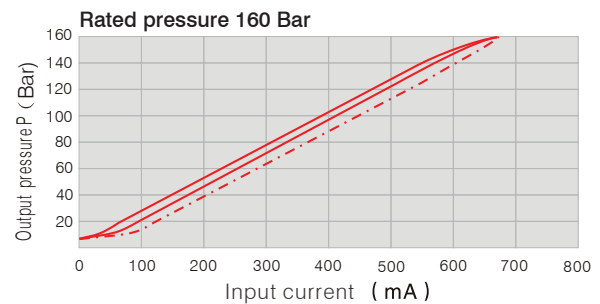
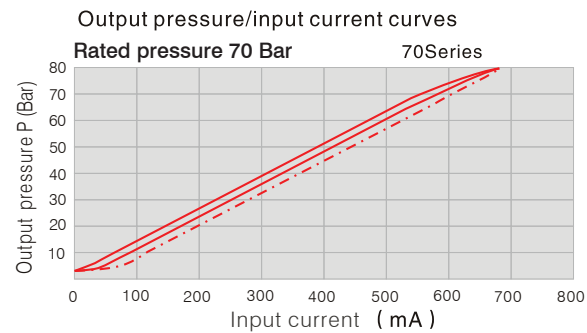
Control oil
Omit : intl cntrl intl disch
Y: intl cntrl extl disch

Code Symbol



PROPORTIONAL PILOT-OPERATED RELIEF VALVE (WBEME)

03,06,10 Model Characteristic Curves (Testing Condition $\nu=36 \times 10^{-6} \text{ m}^2/\text{S}$ $t=50^\circ\text{C}$)



Delay:

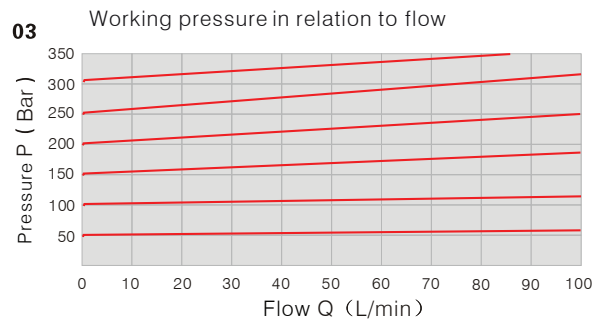
With shake dither ———

No Shake - - - - -

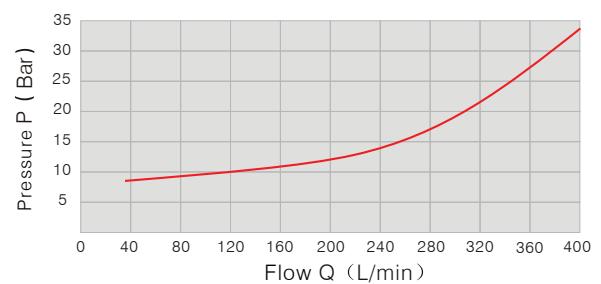
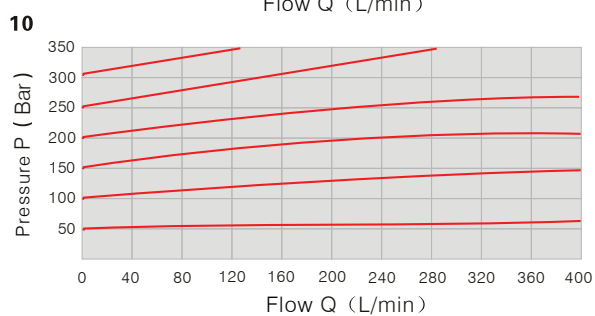
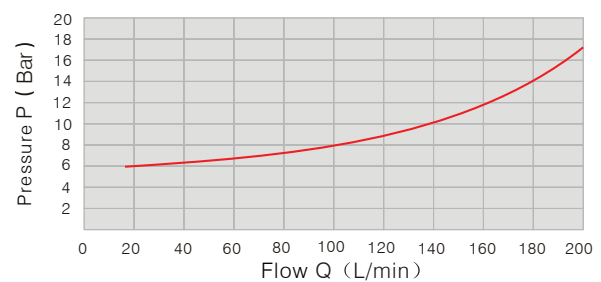
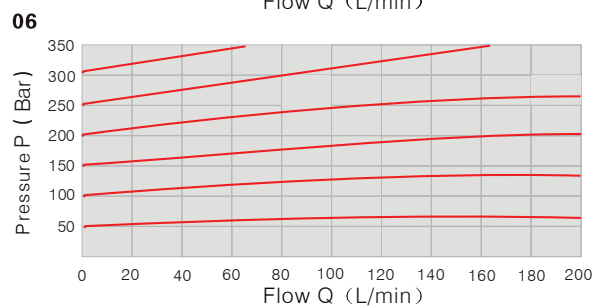
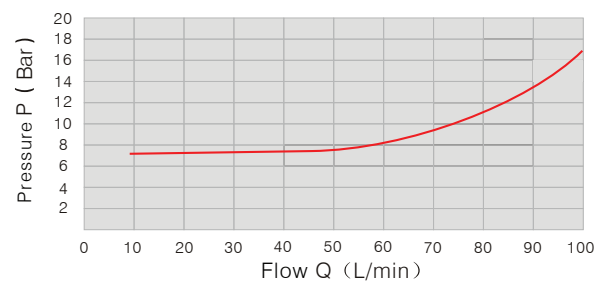
WBEME03, 06, 10 The result is tested under 27l/min

Note: In order to get the lowest settable pressure, 90 series initial current is not more than 0.1A, 70series must be 0A.

Characteristic Curves (Testing Condition $\nu=36 \times 10^{-6} \text{ m}^2/\text{S}$ $t=50^\circ\text{C}$)



Lowest settable pressure in relation to flow



PROPORTIONAL PILOT-OPERATED RELIEF VALVE (WBEME)

External Dimensions

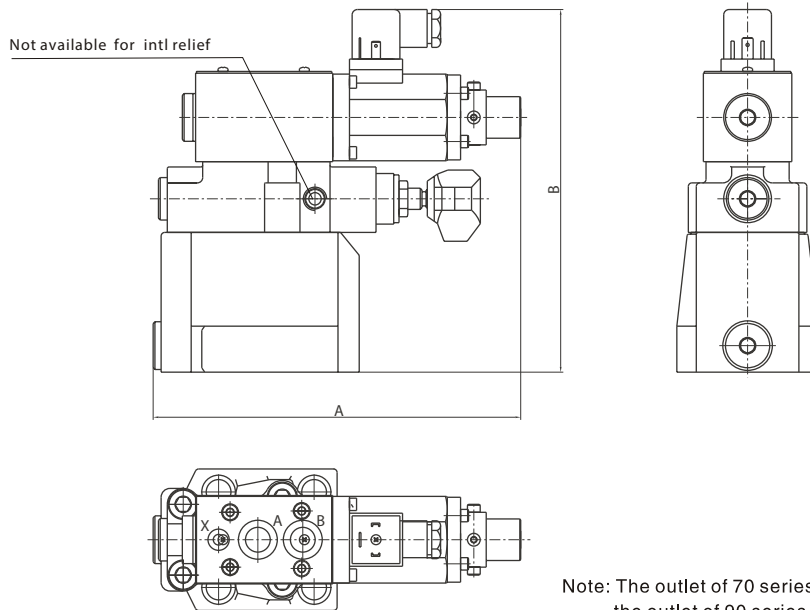
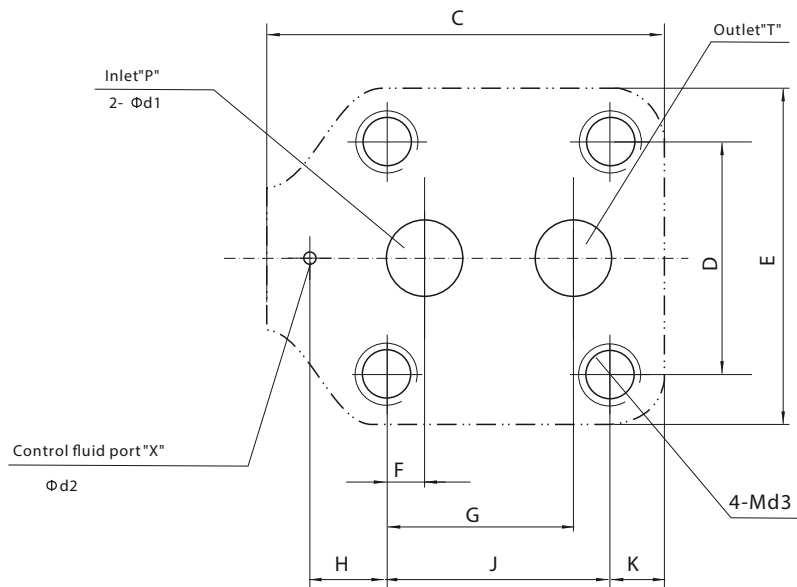


Plate Size



The surface, connecting with the valve, should be Ra0.8 roughness, and 0.01/100mm flatness.

Specification	A	B	C	D	E	F	G	H	J	K	d ₁	d ₂	d ₃
WBEME-03	197	193	112	54	80	22.2	47.6	0	54	25.8	12	6	12
WBEME-06	197	197	119	69.8	102	11.1	55.6	23.8	66.7	16.3	25	6	16
WBEME-10	197	200	150	82.5	116	12.7	76.2	31.7	89	18	32	6	18

Attention: set the deflate hole upward to exhaust air from the pipe