Bell Hydromatics



Throttle with Check Modular Valves



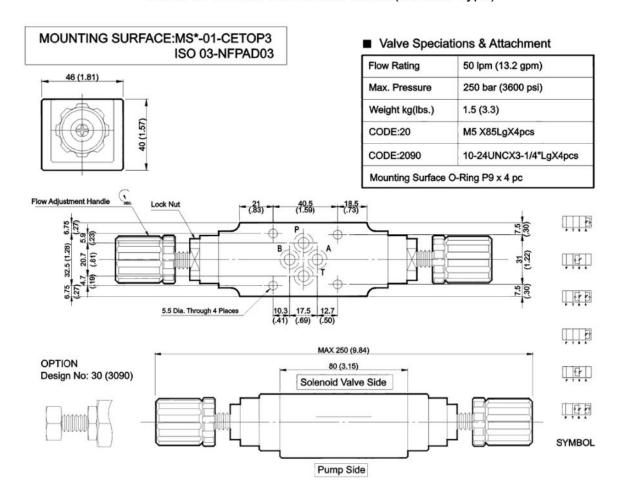
Features

- · This valve is used for actuator speed control
- Clockwise rotation of the adjusting handle decreases flow rate and counter clockwise rotation increases it
- Since the valve is of the spool type, oil flow cannot be shut off completely.
- · Cracking pressure of the check valve is 0.8 bar

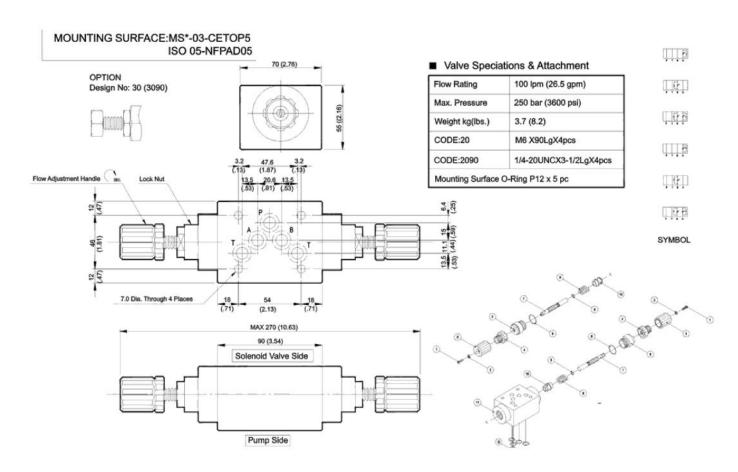
Ratings

Model	Max operating Pres bar(PSI)	Max Flow Ipm(USgpm)	Valve Size	Weight kg(lb)
MS* -01-	250(3600)	50(13.2)	1/8"	1.5(3.3)
MS* -03-	250(3600)	100(26.5)	3/8"	3.7(8.1)
MS* -04-	250(3600)	190(50.2)	1/2"	7.0(15.4)
MS* -06-	250(3600)	300(79.3)	3/4"	12.2(26.8)

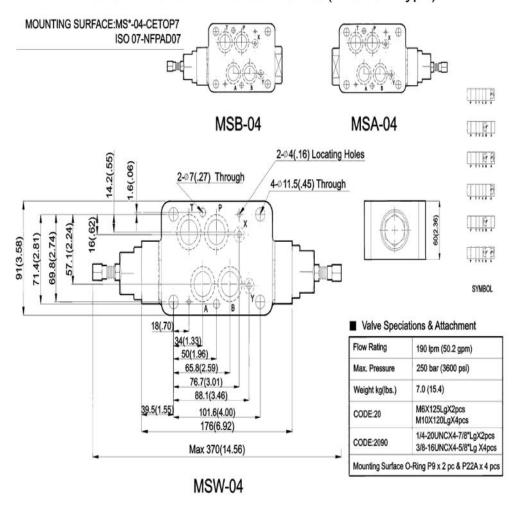
Model & Symbol	Model & Symbol		
MSA-01(03)-X	MSA-04(06)-X		
MSB-01(03)-X	MSB-04(06)-X		
MSW-01(03)-X	MSW-04(06)-X		
MSA-01(03)-Y	MSA-04(06)-Y		
MSB-01(03)-Y	MSB-04(06)-Y		
MSW-01(03)-Y	MSW-04(06)-Y		



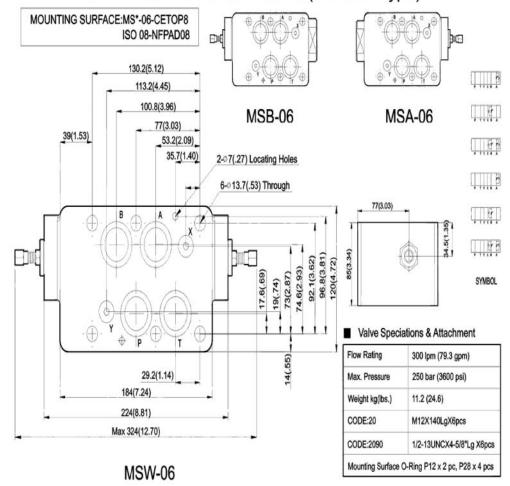
MSW-03 Throttle with Check Valves(Modular Type)



MS-04 Throttle with Check Valves(Modular Type)



MS-06 Throttle with Check Valves (Modular Type)



Ordering Code

MS	Α	03	х	L	20	S
Series No	Control Line	Valve Size	Pressure Adj. Range	Pressure Adj. Range	Design No.	Option Kits
Throttle Check Modular Valves	A: A Port	(DSG-)01 (NFPA- D03)	X: Meter out	L: 5~50 bar	20 Din 912 bolts	None: With Knob
	B: B Port	(DSG-) 03 (NFPA- D05)	Y: Meter in	H: 50∼ 250 bar	2090 UNC bolts (North America)	S: Soc.Hd Cap Screw
	W: A & B Port	(DSHG-) 04 (NFPA- D07)				
		(DSHG-) 08 (NFPA- D08)				