

Bell Hydromatics



Throttle Modular Valves



Features

- The flow will be decreased when the flow adjustment handle is turned clockwise, and will be increased when the flow adjustment handle is turned counter-clockwise
- Be sure to re-tighten the lock nut firmly after making adjustment to the flow.

Ratings

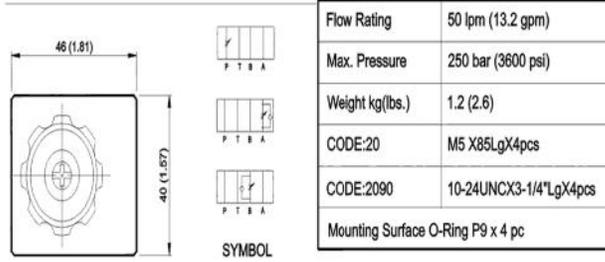
Model	Max operating Pres bar(PSI)	Max Flow lpm(USgpm)	Valve Size	Weight kg(lb)
MSP-01	250(3600)	50(13.2)	1/8"	1.2(2.6)
MSP-03	250(3600)	100(26.5)	3/8"	2.8(6.1)
MSP-04	250(3600)	190(50.2)	1/2"	7.0(15.4)
MSP-06	250(3600)	300(79.3)	3/4"	11.2(24.6)

Model & Symbol	Model & Symbol
MSP-01(03)	MSP-04(06)

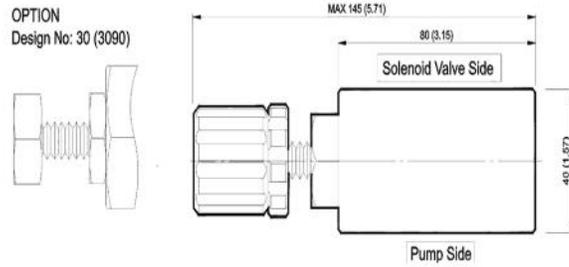
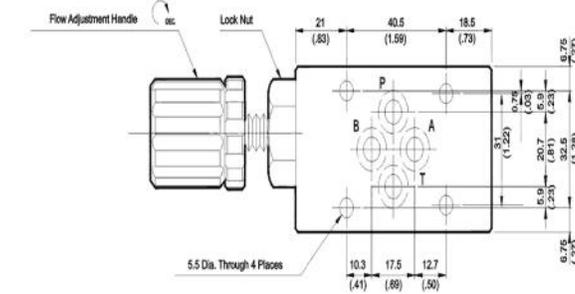
MSP-01 Throttle Valves (Modular Type)

MOUNTING SURFACE: MS*-01-CETOP3

ISO 03-NFPAD03 ■ Valve Specifications & Attachment



Flow Rating	50 lpm (13.2 gpm)
Max. Pressure	250 bar (3600 psi)
Weight kg.(lbs.)	1.2 (2.6)
CODE:20	M5 X85LgX4pcs
CODE:2090	10-24UNCX3-1/4"LgX4pcs
Mounting Surface O-Ring P9 x 4 pc	

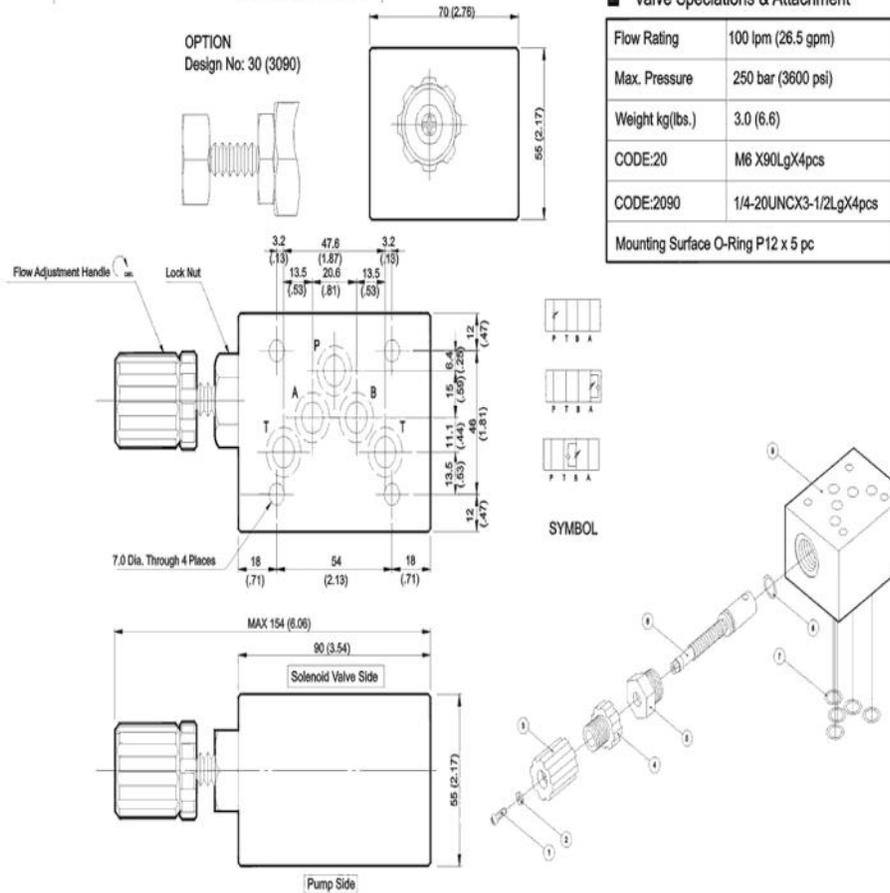


MSP-03 Throttle Valves (Modular Type)

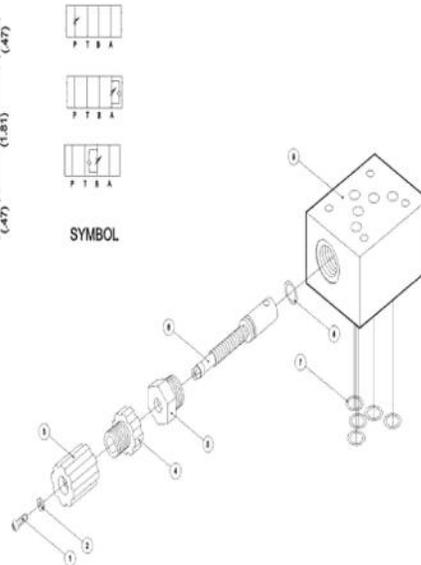
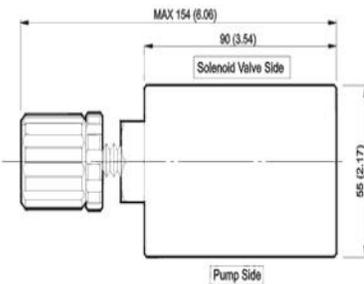
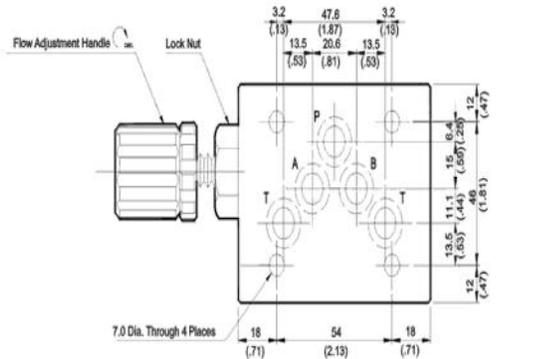
MOUNTING SURFACE: MS*-03-CETOP5

ISO 05-NFPAD05

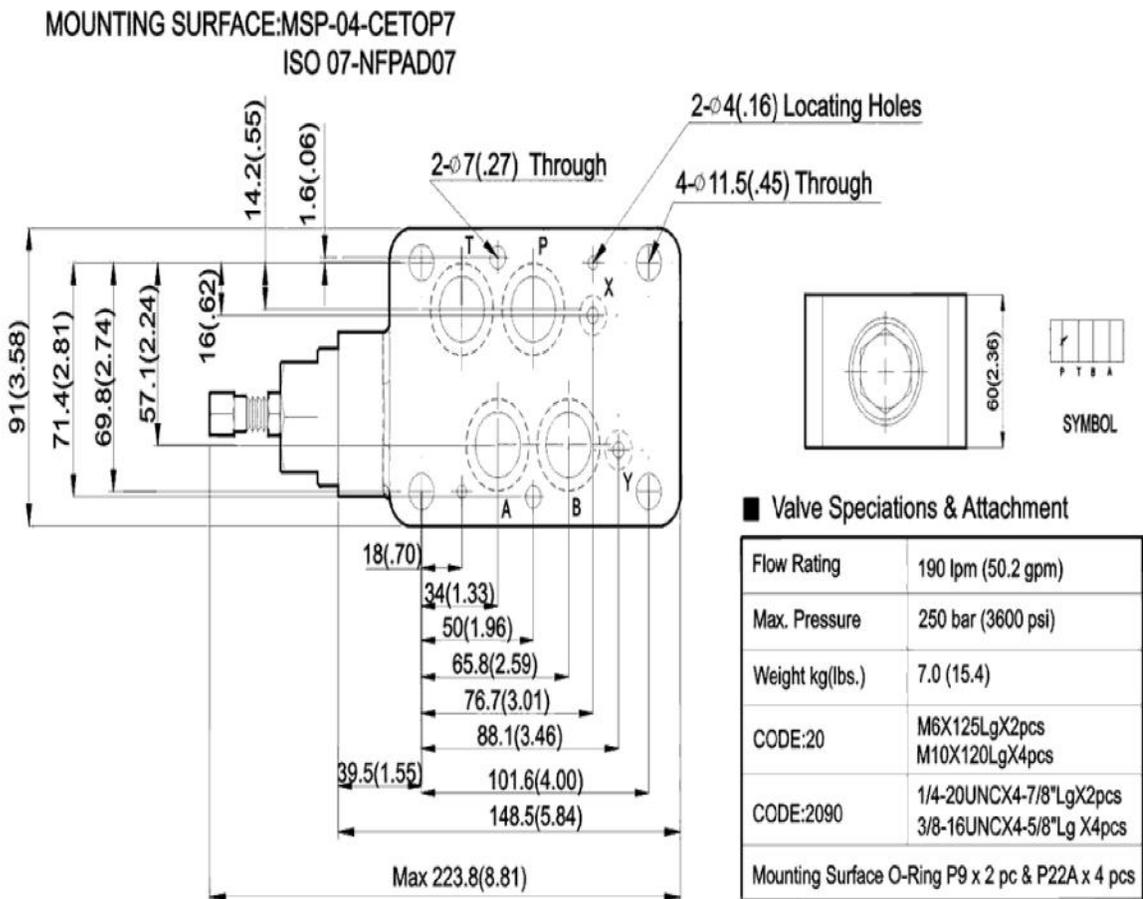
■ Valve Specifications & Attachment



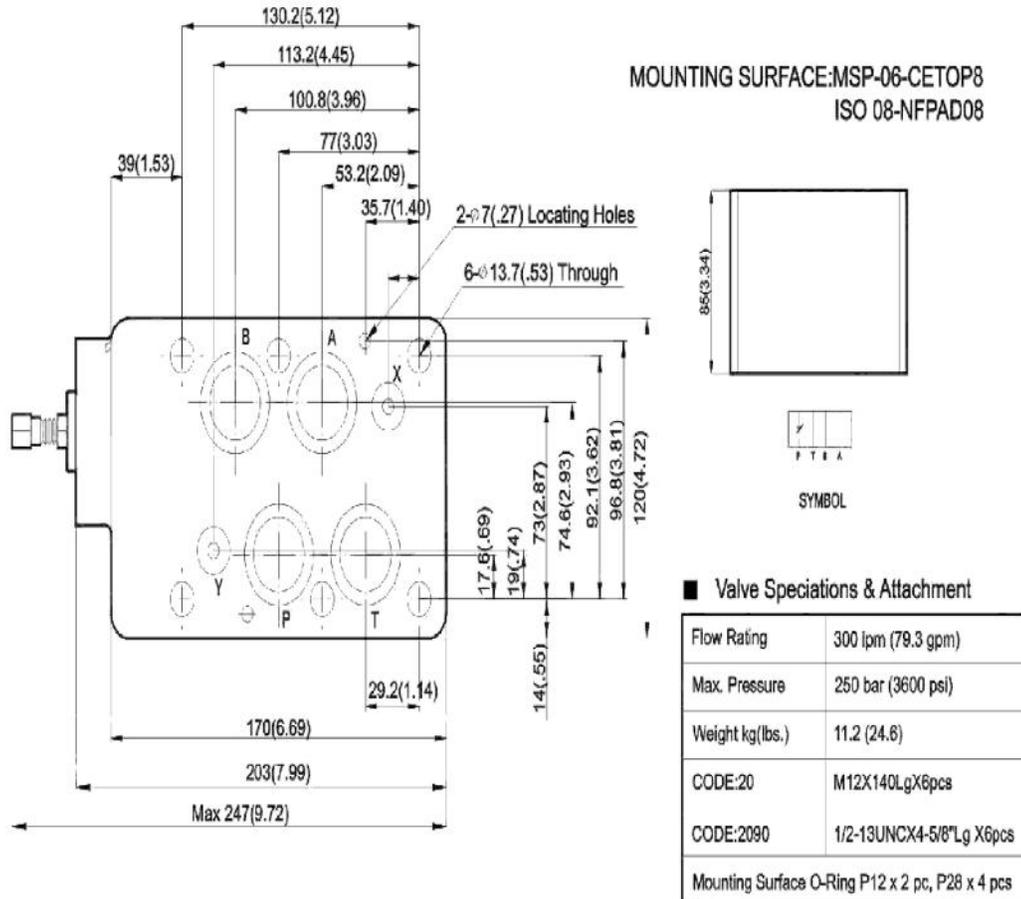
Flow Rating	100 lpm (26.5 gpm)
Max. Pressure	250 bar (3600 psi)
Weight kg.(lbs.)	3.0 (6.6)
CODE:20	M6 X90LgX4pcs
CODE:2090	1/4-20UNCX3-1/2LgX4pcs
Mounting Surface O-Ring P12 x 5 pc	



MSP-04 Throttle Valves (Modular Type)



MSP-06 Throttle Valves (Modular Type)



Ordering Code

MS	P	01	H	20	S
Series No	Control Line	Valve Size	Pressure Adj. Range	Design No	Option Kits
Throttle Modular Valves (for P-Port)	P: P Port	(DSG-) 01 (NFPA-D03)	L: 5~50 bar	20 DIN 912 bolts	None: With knob DSG-01/03
		(DSG-) 03 (NFPA-D05)	H: 70~210bar	2090 UNC bolts (north America)	S: Soc. hd. Cap Screw
		(DSHG) 04 (NFPA-D07)			
		(DSHG-) 06 (NFPA-D08)			