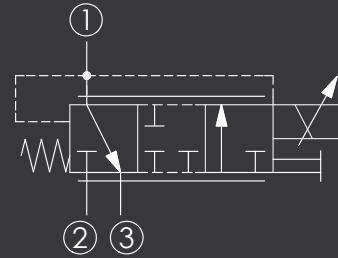
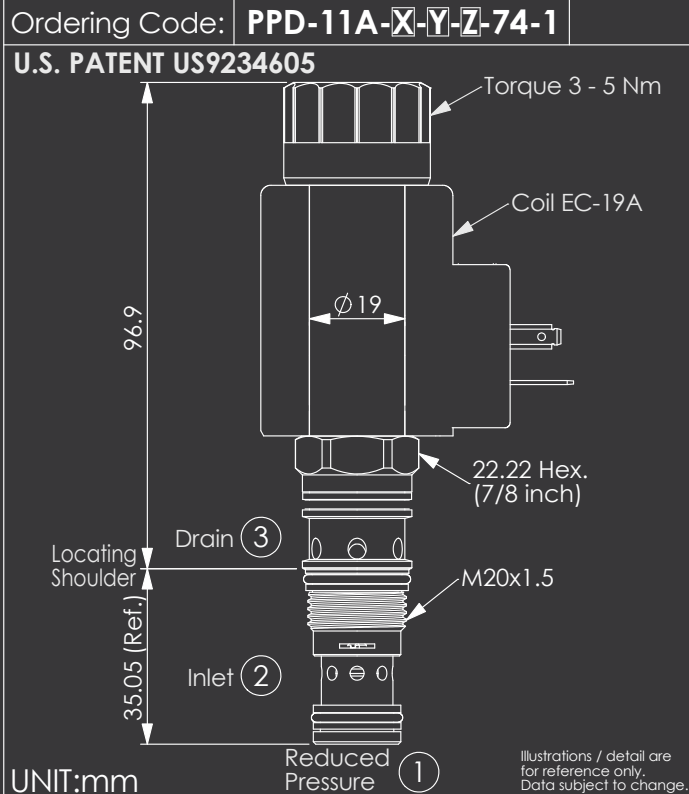


REDUCING / RELIEVING VALVE

(Electro-Proportional, Direct-Acting, Reducing / Relieving, Fast Response, Low Pressure at Zero Command)



TECHNICAL DATA

Max. Operating pressure: 350 bar

Rated flow: 20 l/min

Cavity-Tooling: 11A-3

Installation torque: 40 - 50 Nm

Linearity (with dither) <2%

Repeatibility (with dither) <2%

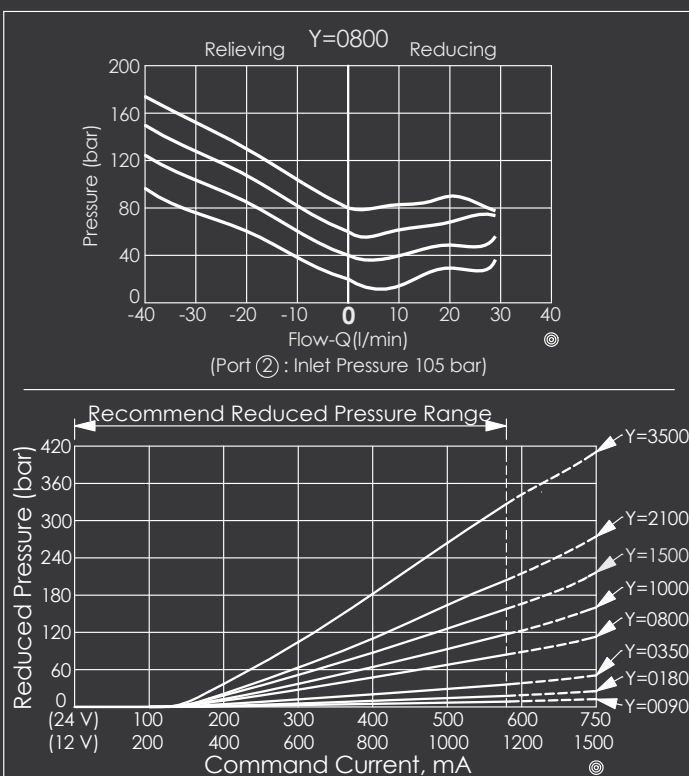
Hysteresis (with dither) <4%

Hysteresis with DC input <8%

Maximum valve leakage approximately= 20 cc/min.
This leakage is measured at port (3) when port (2) is pressurized to 210 bar and the pressure setting at port (1) is 105 bar.

Weight:(with Coil) 0.49 kg
(without Coil) 0.25 kg

Hydraulic Fluid Viscosity · Cleanliness · Temperature Level:
Please refer MOTUS technical information.
(T.101.101.E HYDRAULIC FLUID (A) VISCOSITY)
(T.101.102.E HYDRAULIC FLUID (B) CLEANLINESS)
(T.101.103.E HYDRAULIC FLUID (C) TEMPERATURE)



Y	OPERATING RANGE	
	Rated Pressure	
0090	1 - 9 bar	
0180	1 - 18 bar	
0350	1 - 35 bar	
0800	2 - 80 bar	
1000	10 - 100 bar	
1500	10 - 150 bar	
2100	20 - 210 bar	
3500	35 - 350 bar	

When inlet pressure up to 210 - 350 bar, Recommend : Keep "Reduced Pressure" (Port (1)) minimum 30 bar to have best control.
Basically, this valve can be used under 1 bar but please kindly be noted that the back pressure of port (3) will add to the valve setting at 1:1 ratio.
If your operation need to control under 10 bar, please contact MOTUS sales department.
Example: Y=1000 · Y=1500 · Y=2100 · Y=3500

X	OPERATION	
3D	3 Ports · 22 Watt. Coil Ø 19 mm tube	

Z	OPTIONS	
N	Non-adjustable	
P	Push Style Manual Override	

Rev.250725

1/2

B.351.145.E