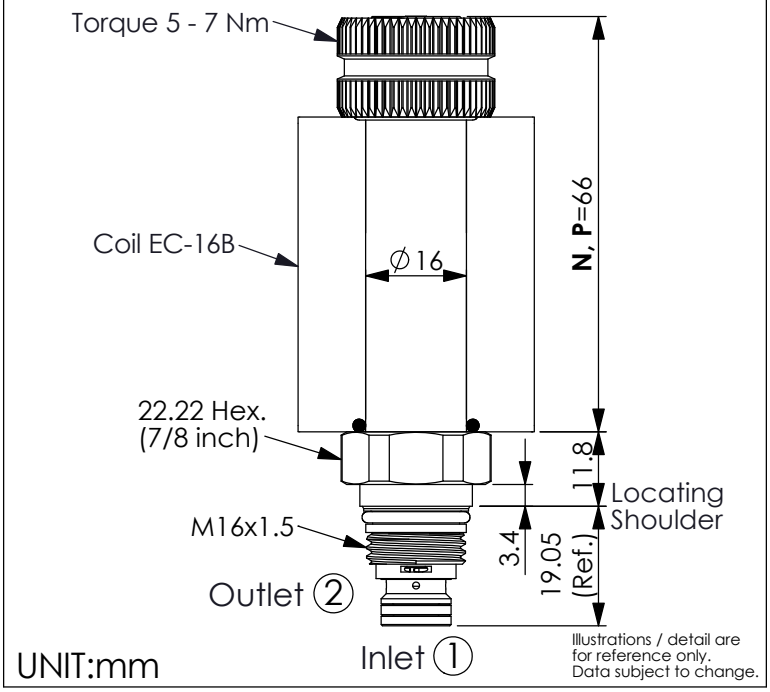
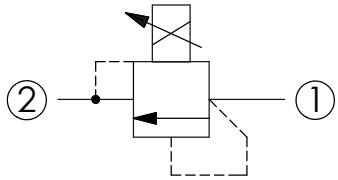
PILOT CAPACITY PROPORTIONAL RELIEF VALVE
(Standard Direct Acting, Low Pressure with No Command)

Ordering Code: **PRB-8A-X-Y-Z**



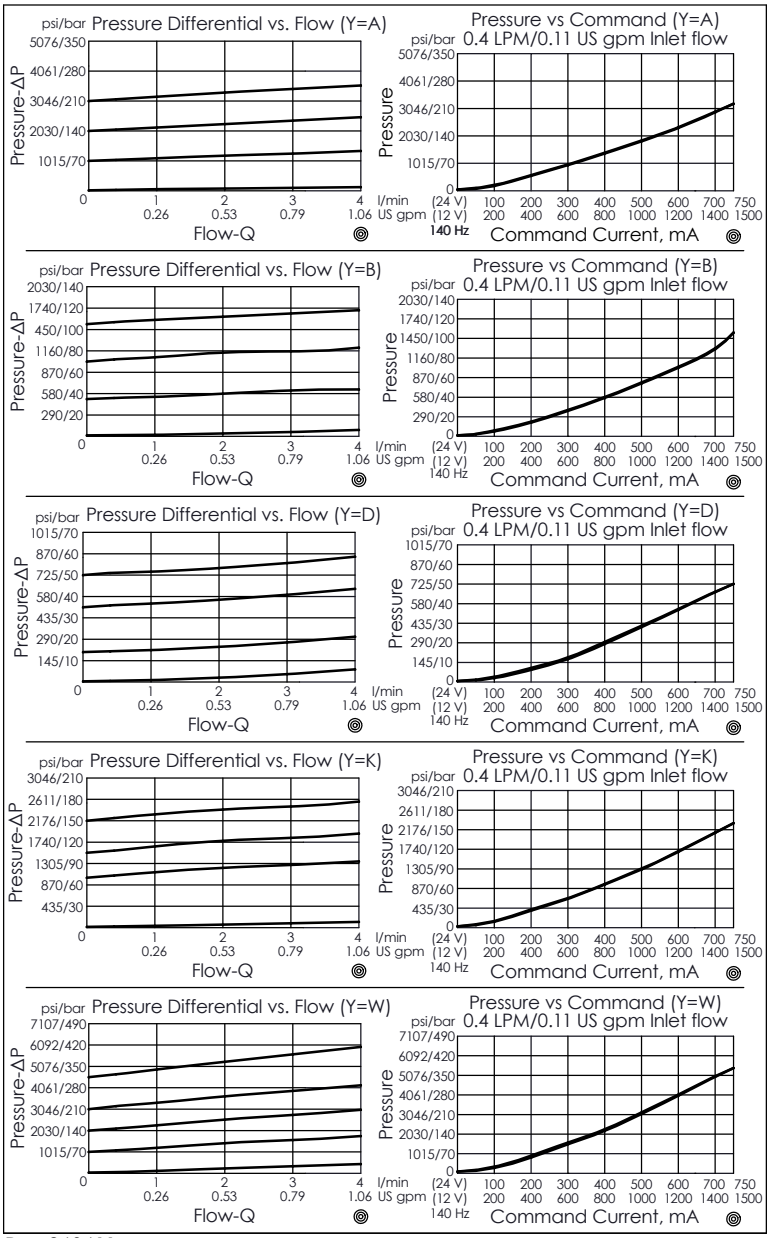


TECHNICAL DATA

Max.Operating pressure:	350	bar
Rated flow:	1	l/min
(Max. flow:	2	l/min)
(Refer To Performance Chart)		
Cavity-Tooling:	8A-2	
Installation torque:	27 - 33	Nm
Weight:	0.130 kg	(Without Coil)

Coils must be ordered separately

- Maximum Valve Leakage at Reseat Approximately (25 cc/min.)
- Reseat exceeds 85% of cracking pressure
- Back pressure on the tank port (port ②) is directly additive at a 1:1 ratio to valve setting
- Hysteresis with DC input < 8%
- Hysteresis with dither < 4%
- Linearity with dither < 2%
- To achieve optimal performance, it is recommended to use a current-sensing amplifier with a dither function. The dither frequency should be adjustable between 100 Hz and 250 Hz. (recommended range: 140 - 200 Hz)



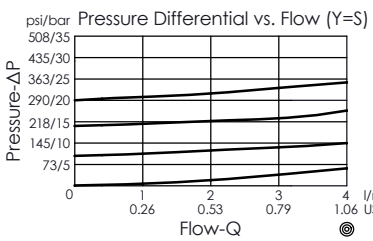
X	OPERATION	
2C	2 Ports、26 Watt. Coil ∅16 mm tube	

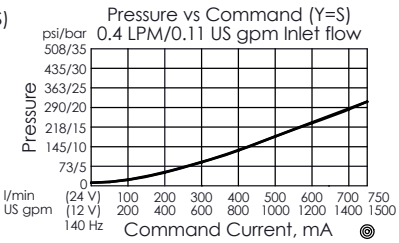
Y	CONTROL PRESSURE RANGES (RECOMMEND PRESSURE RANGE)	
A	up to 210 bar (Best Proportional Pressure Control Range 20 - 210 bar)	
B	up to 105 bar (Best Proportional Pressure Control Range 10.5 - 105 bar)	
D	up to 50 bar (Best Proportional Pressure Control Range 3.5 - 50 bar)	
K	up to 150 bar (Best Proportional Pressure Control Range 10 - 150 bar)	
S	up to 20 bar (Best Proportional Pressure Control Range 3.5 - 20 bar)	
W	up to 350 bar (Best Proportional Pressure Control Range 35 - 350 bar)	

- If pressure control beyond the range is required, please contact the Winner sales department.

Z	OPTIONS	
N	Non-adjustable 	
P	Push Style Manual Override (Manual override is used for valve function check only, not for pressure control.) 	

PILOT CAPACITY PROPORTIONAL RELIEF VALVE
(Standard Direct Acting, Low Pressure with No Command)





(PRB-8A-2C-S-Z)