Winner

DIRECTIONAL VALVE
(3-Way, 2-Position, Pilot Operated, With Drain To Port ④, Normally Closed)

Ordering Code: **DP-22A-X-Y-Z**

4.0 Hex.
3/8''-24UNF-2A
Control Option:
Maximum extension from locating shoulder. (Z=L Control shown)
14.27 Hex. (9/16 inch)
Torque 9 - 10 Nm
Apply CH (5JAA097)
Plastic tamper resistant cover
Ø25
28.57 Hex. (1-1/8 inch)
④
③
1.0''-14UNS-2A
②
①
87.3
35.15 (Ref.)
Locating Shoulder

UNIT:mm

Illustrations / detail are for reference only. Data subject to change.

Pressure Loss / Flow Characteristics

P=bar (0, 10, 20, 30, 40, 50)
② to ③
Flow-Q(l/min) (0, 20, 40, 60, 80) □

Pilot Flow Port ① to Port ③
(Port ① Pressure above Setting)

Flow-Q(l/min) (0.4, 0.8, 1.2, 1.6, 2.0)
P=bar (0, 50, 100, 150, 200, 250, 300, 350) ◎

TECHNICAL DATA

Max. Operating pressure: 350		bar
Rated flow:	60	l/min
Cavity-Tooling:	22A-4	
Installation torque:	60 - 70	Nm
Weight Approximately:	0.34 (**Z**=L)	kg

· Maximum pressure at port ③ recommend be limited to 210 bar, any technical questions, please feel free to consult with our sales dept.
· Pressure at port ④ is directly additive to the setting of the valve.
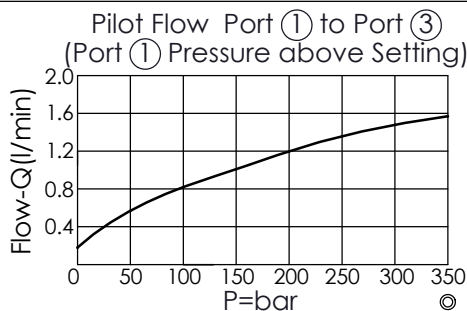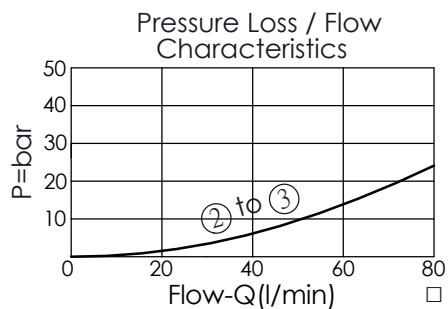
X	OPERATION	
4N	Normally closed; Port ① pilot to shift, Port ② to Port ③	

· When the pressure at port ① exceed the setting pressure, there is a control pilot flow (0.16 - 0.25 L/min.)
· Maximum Leakage Approximately (15 cc/min./70 bar)

Z	OPTIONS	
L	Leakproof hex. socket screw.	
K	Handknob with Lock Knob. (Order Code: 6ZAK001)	
C	Stainless Steel Tamper Resistant Cover.	

Y	SPRINGS	
	ADJUSTMENT RANGES	
A	7 - 210 bar (70 bar Standard Setting)	
B	3.5 - 105 bar (70 bar Standard Setting)	
D	1.7 - 55 bar (28 bar Standard Setting)	
E	1.7 - 28 bar (14 bar Standard Setting)	
W	10.5 - 315 bar (70 bar Standard Setting)	