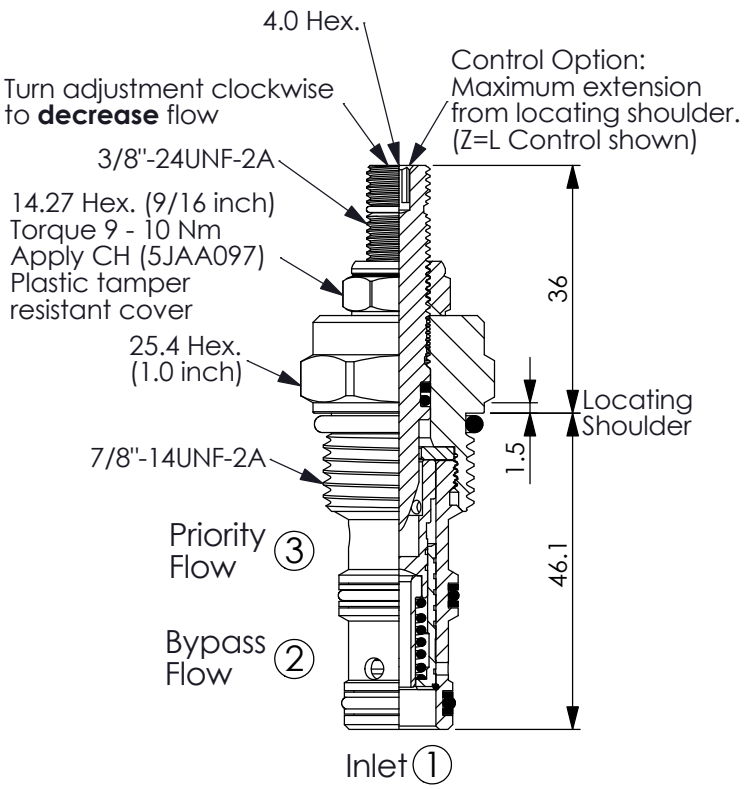
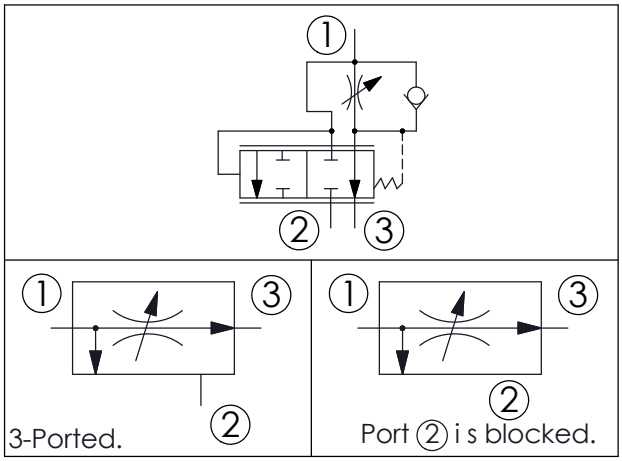
PRIORITY FLOW CONTROL VALVE
(Bypass/Pressure compensated)

Ordering Code:	**FR-10W-X-Y-Z**



UNIT:mm

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



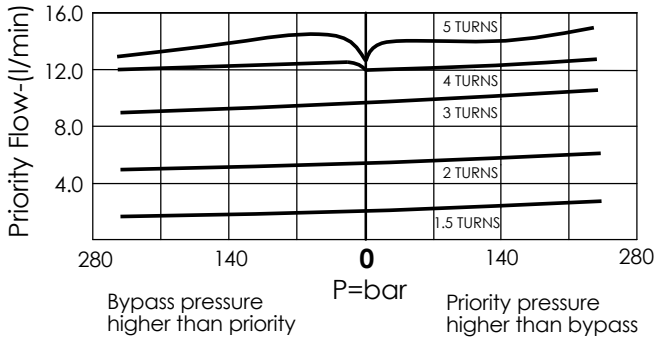
TECHNICAL DATA

Max. pressure:	240	bar
Inlet flow at port ①:	19 LPM nominal 26 LPM max.	
Cavity-Tooling:	10W-3	
Installation torque:	35 - 45	Nm
Weight:	0.16 (**Z**=L)	kg

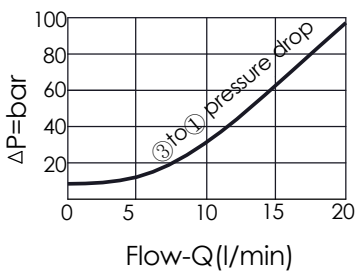
Note: It can be used as a priority-type flow regulator or a restrictive-type 2-way flow regulator when the bypass port (port ②) is blocked.

Port ① to Port ③ △P=14 bar

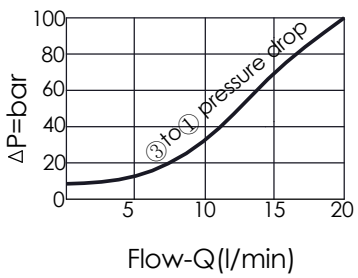
3-Ported
Regulated Flow vs. Load at 18.9 LPM Inlet



when ①to③ = 1 LPM



when ①to③ = 10 LPM



X	PRIORITY FLOW RANGE	
31	Flow Rate : 3-ported regulated flow 13 LPM 2-ported regulated flow 12 LPM	
For Higher flow rates,see the FR-10W-33 valve		

Y	SPRING RANGE	
N	Standard, ΔP=14 bar (Priority Flow 1 - 13 LPM fully adjustable)	

Z	OPTIONS	
L	Leakproof hex. socket screw.	
E	Handknob and locknut.	
B	Handknob and aluminum locknut.	
BA	Handknob and aluminum locknut.	
K	Handknob with Lock Knob. (Order Code: 6ZAK001)	
M5	Aluminum Alloy Adjustment Knob with Calibrated Scale	