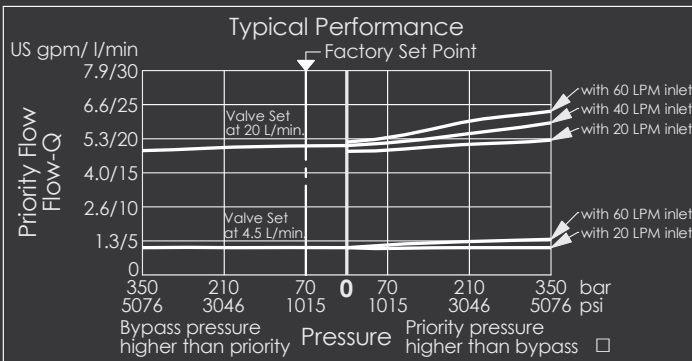
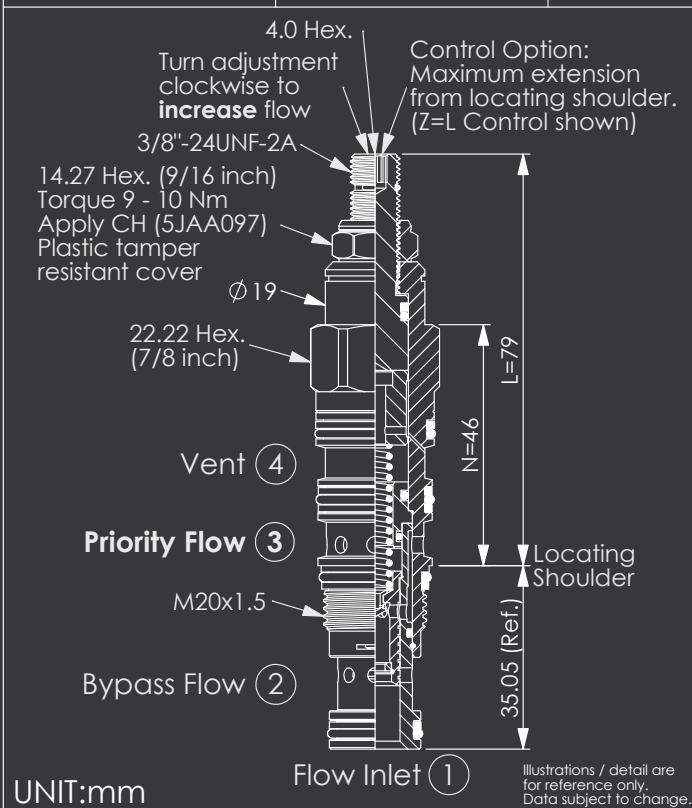


PRIORITY FLOW CONTROL VALVE

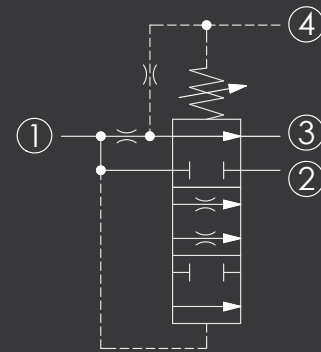
(Vented, Fixed Orifice, Bypass / Restrictive, Pressure Compensated)

Ordering Code: **FR-21A-X-Y-Z**



Y	Priority Flow (Port ③) (customer must specify flow)	
0004	Example:	0.4 LPM
0008	Example:	0.8 LPM
0010	Example:	1.0 LPM
0012	Example:	1.2 LPM
0035	Example:	3.5 LPM
0045	Example:	4.5 LPM
0080	Example:	8.0 LPM
0100	Example:	10.0 LPM
0120	Example:	12.0 LPM
0200	Example:	20.0 LPM

Customer must specify a flow rating
Factory set flow ratings are within ±10% of the requested setting
If you need specific flow accuracy, please contact MOTUS sales department



TECHNICAL DATA

Max. Operating pressure:	350 bar
Maximum Inlet Flow:	60 l/min
Priority Flow Ranges:	0.4 - 23 l/min
Nominal Vent Flow Approximately:	0.75 l/min
Cavity-Tooling:	21A-4
Installation torque:	40 - 50 Nm
Weight :	0.188 (Z=L) kg

- Pressure at the bypass port (port ②) may exceed pressure at the priority port (port ③).
- Both priority and bypass flow are usable up to the system operating pressure.
- Bypass flow is not available until priority flow requirements are satisfied.
- Blocking priority flow will also block bypass flow.
- If use pressure at vented port, then it can control the pressure at priority port.
- When pressure at bypass port exceeds the pressure control setting, the priority port shut off and all flows will go to the bypass port.
- Before priority port are satisfied by flow, the bypass shut off. Unless the vented port connects to tank, all flows will go to the bypass port if inlet pressure over 10.5 bar.

X OPERATION

4F Vented, Fixed orifice, bypass/restrictive, pressure compensated

- If a momentary impact pressure is needed in the application, please consult our sales department.

Z OPTIONS

N	Non-adjustable (Factory set at customer specified flow)	
L	Leakproof hex. socket screw. (Adjustment Ranges Approx. ±25%)	
K	Handknob with Lock Konb. (Adjustment Ranges Approx. ±25%) (Order Code: 6ZAK001)	