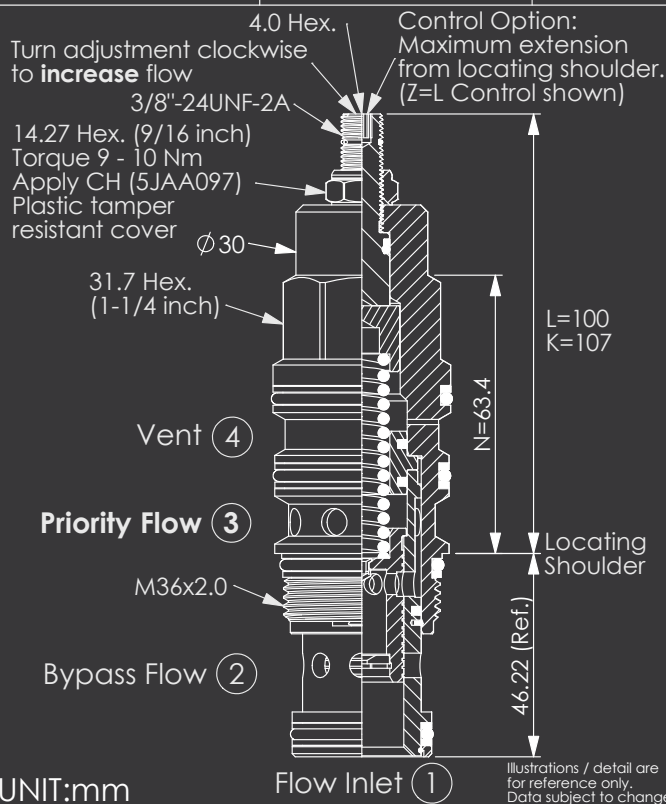


PRIORITY FLOW CONTROL VALVE

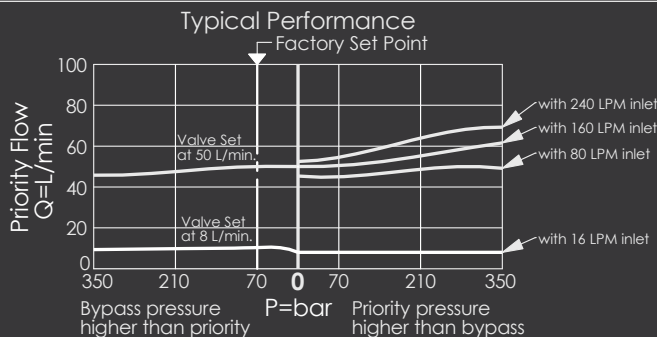
(Vented, Fixed Orifice, Bypass / Restrictive, Pressure Compensated)

Ordering Code: **FR-23A-X-Y-Z**

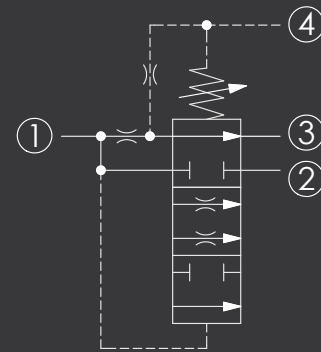


UNIT:mm

Flow Inlet ①



Y	Priority Flow (Port ③) (customer must specify flow)	
0040	Example:	4.0 LPM
0070	Example:	7.0 LPM
0080	Example:	8.0 LPM
0140	Example:	14.0 LPM
0250	Example:	25.0 LPM
0300	Example:	30.0 LPM
0650	Example:	65.0 LPM
0750	Example:	75.0 LPM
0950	Example:	95.0 LPM
Customer must specify a flow rating Factory set flow ratings are within $\pm 10\%$ 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: 240 l/min

Priority Flow Ranges: 0.8 - 95 l/min

Nominal Vent Flow Approximately:
0.75 l/min

Cavity-Tooling: 23A-4

Installation torque: 200 - 215 Nm

Weight : 0.681 (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.
- When 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. $\pm 25\%$)	
K	Handknob with Lock Knob. (Adjustment Ranges Approx. $\pm 25\%$) (Order Code: 6ZAK001)	