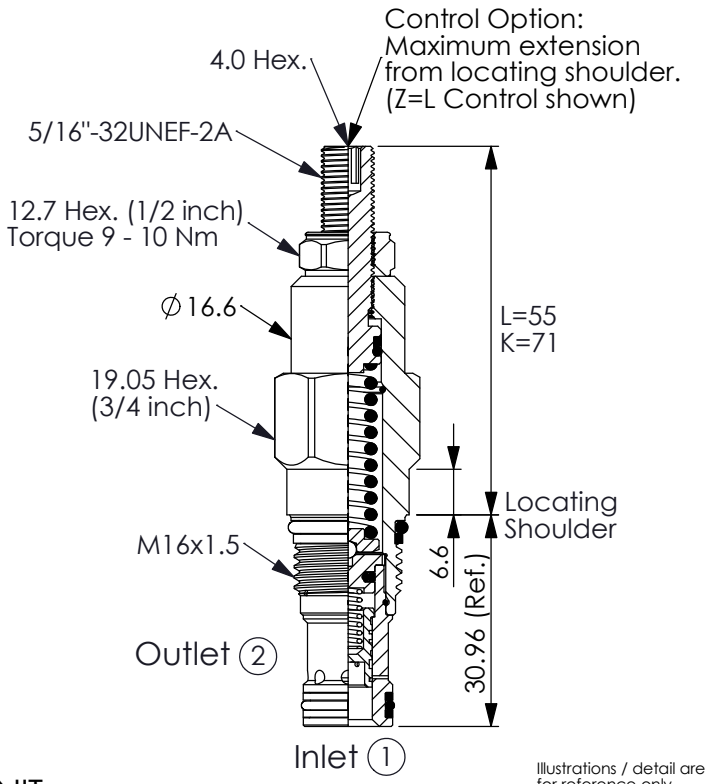
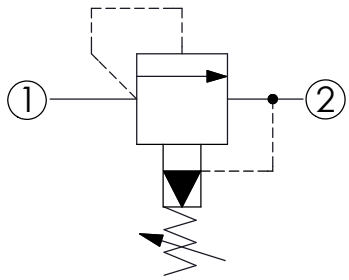
RELIEF VALVE
(Pilot Operated Balanced Piston)

Ordering Code:	**RP-162A-X-Y-Z**



UNIT:mm

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

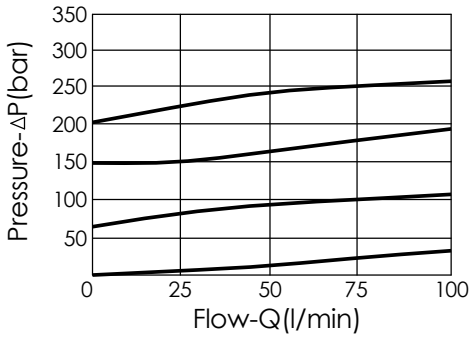


TECHNICAL DATA

Max. Operating pressure: 350		bar
Rated flow:	45	l/min
Cavity-Tooling:	162A-2	
Installation torque:	27 - 33	Nm
Weight:	0.10 (**Z**=L)	kg

Port② is rated for full pressure. For cross-relief circuit applications, please account for spool internal leakage and **consult the Winner sales department for guidance.** If your application requires rapid response and ultra-low leakage, please refer to our RD Series.

Typical Pressure Rise

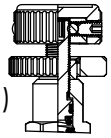


X	OPERATION	
20	① to ② (P to T)	

- Response Time-Typical (10 ms)
- Maximum Leakage Approximately (30 cc/min./70 bar)

Y	SPRINGS	
	ADJUSTMENT RANGES	
A	5 - 210 bar (70 bar Standard Setting)	
B	5 - 105 bar (70 bar Standard Setting)	
C	5 - 420 bar (70 bar Standard Setting)	
N	5 - 55 bar (28 bar Standard Setting)	
Q	5 - 28 bar (14 bar Standard Setting)	
W	5 - 315 bar (70 bar Standard Setting)	

- The maximum adjustment of the screw is 6 turns. Please do not over-adjust to avoid damaging the internal components. (The maximum adjustment torque for the screw is 4 Nm)

Z	OPTIONS	
L	Leakproof hex. socket screw. 	
K	Handknob with Lock Knob. (Order Code: 7ZAK001) 	
C	Stainless Steel Tamper Resistant Cover. 