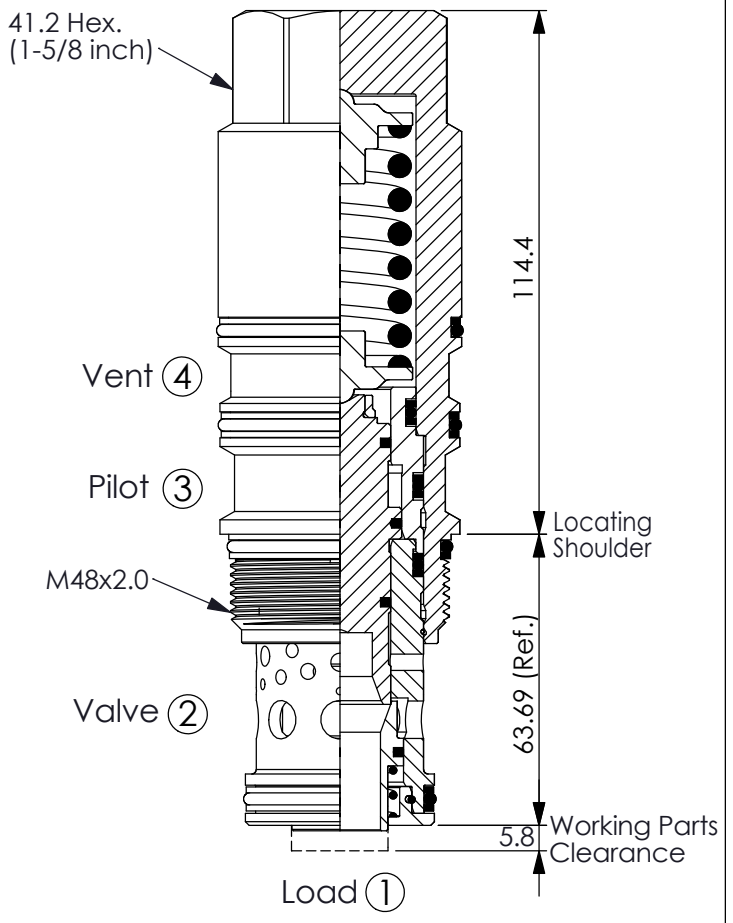
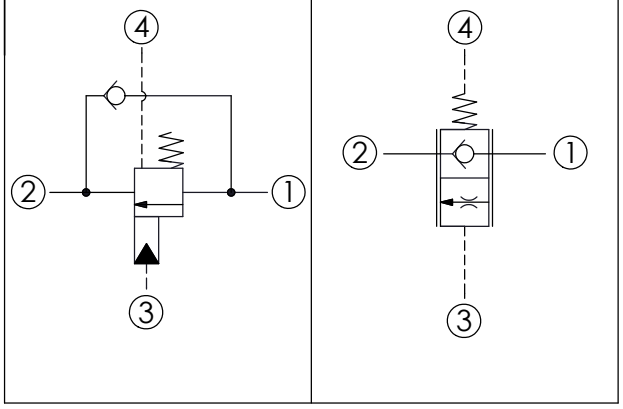
FULLY BALANCED, LOAD CONTROL VALVE
(Vented, Without Relief Function)

Ordering Code: **MW-24A-X-Y-Z**



UNIT:mm

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

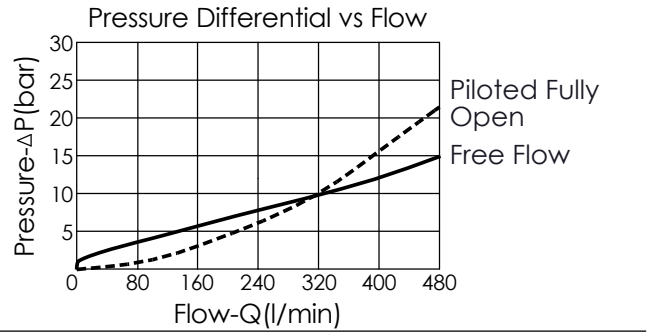


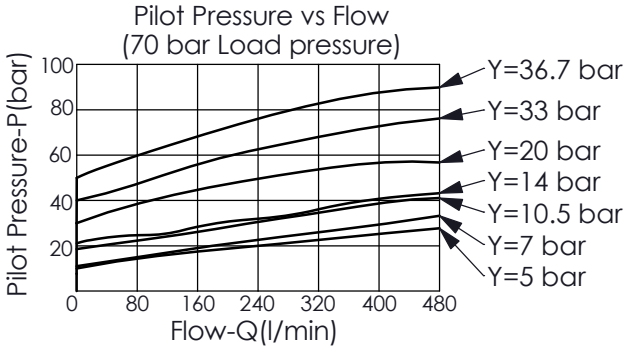
TECHNICAL DATA

Max. Operating pressure: 350		bar
Rated flow:	480	l/min
Cavity-Tooling:	24A-4 (24AB-4)	
Installation torque:	465 - 500	Nm
Weight:	1.97	kg

This valve is a physical replacement for a counterbalance valve but probably won't work well in a cross-piloted cylinder application. A low pilot ratio is needed for machine stability and a balanced load control has an infinitely high pilot ratio.

Performance Chart





(Port ① to Port ② approximately ΔP=22 bar)

• Maximum valve leakage at reseat Y=
0200, 0330, 0367 ranges: 0.4 cc/min. at 14 bar below cracking pressure;
0050, 0070, 0105, 0140 ranges: 50 cc/min. at 3.5 bar below cracking pressure.

X	OPEARATION	
4N	with seal pilot Balanced	

Y	SPRINGS	
	MINIMUM PILOT SPRING PRESSURE (Refer to Performance Chart)	
0050	5 bar (PILOT RANGES 10 - 30 bar)	
0070	7 bar (PILOT RANGES 11 - 25 bar)	
0105	10.5 bar	
0140	14 bar	
0200	20 bar	
0330	33 bar	
0367	36.7 bar	

※If the valve will be used at low pressure and low leakage, please contact us.

Z	OPTIONS	
N	Not Adjustable	