



in. (mm)

Vented, balanced load control valves combine a balanced modulating element with a reverse flow check. The check valve allows free flow from the directional valve (port 2) to the load (port 1) while the pilot to open modulating element controls flow from port 1 to port 2. Pilot pressure at port 3 determines the flow setting. Backpressure at port 2 does not affect the flow setting because the spring chamber references the vent (port 4).

TECHNICAL DATA

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Maximum Operating Pressure	350 bar
Maximum Valve Leakage at Reseat	See Technical Features
Check Cracking Pressure	1,7 bar
Seal kit - Cartridge	Buna: 990023007
Seal kit - Cartridge	Polyurethane: 990023002
Seal kit - Cartridge	Viton: 990023006

CONFIGURATION OPTIONS

Model Code Example: MWGMXIN

CONTROL	(X)	MINIMUM CONTROL PRESSURE	(I)	SEAL MATERIAL	(N)	MATERIAL/COATING
X Not Adjustable		I 300 psi (20 bar)		N Buna-N		Standard Material/Coating
		E 75 psi (5 bar)		V Viton		/AP Stainless Steel, Passivated
		G 150 psi (10,5 bar)				/LH Mild Steel, Zinc-Nickel
		K 450 psi (33 bar)				
		M 525 psi (36,7 bar)				