

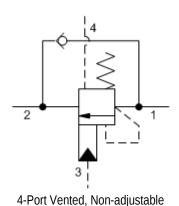


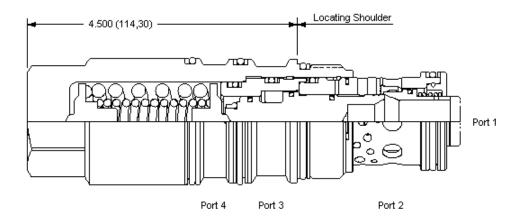
Fixed setting, vented, 4.5:1 pilot ratio, load reactive, load control valve

CAPACITY: 120 gpm / CAVITY: T-24A



sunhydraulics.com/model/MWIGX





Fixed setting, vented, load reactive load control valves with pilot assist combine two valves; a check valve and a relief valve. The check valve allows free flow from the directional valve (port 2) to the load (port 1) while a direct-acting, pilot-assisted relief valve controls flow from port 1 to port 2. Pilot assist at port 3 lowers the effective setting of the relief valve at a rate determined by the pilot ratio. Backpressure at port 2 does not affect the valve setting because the spring chamber references the vent (port 4).

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

Maximum Operating Pressure	5000 psi
Pilot Ratio	4.5:1
Maximum Recommended Load Pressure	See Technical Features
Check Cracking Pressure	25 psi
Factory Pressure Settings Established at	2 in³/min.
Maximum Valve Leakage at Reseat	5 drops/min.
Reseat	≥77% of setting
Seal kit - Cartridge	Buna: 990-024-007
Seal kit - Cartridge	Polyurethane: 990-024-002
Seal kit - Cartridge	Viton: 990-024-006

CONFIGURATION OPTIONS

Model Code Example: MWIGXLN

FACTORY SET

(L) SEAL MATERIAL

N) MATERIAL/COATING

L	4000 psi (280 bar)
K	3000 psi (210 bar)
М	5000 psi (350 bar)

N	Buna-N
٧	Viton

/AP	Stainless Steel, Passivated
/LH	Mild Steel, Zinc-Nickel

Standard Material/Coating

©2024 Sun Hydraulics 1 of 1