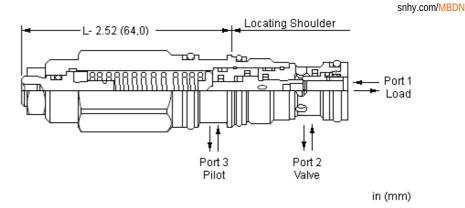


3-Port Non-vented



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.

TECHNICAL DATA

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

Pilot Ratio	8:1
Maximum Recommended Load Pressure at Maximum Setting	270 bar
Maximum Setting	350 bar
Factory Pressure Settings Established at	30 cc/min.
Maximum Valve Leakage at Reseat	0,3 cc/min.
Check Cracking Pressure	1,7 bar
Adjustment - No. of CCW Turns from Min. to Max. Setting	6.5
Reseat	>85% of setting
Locknut Hex Size	15 mm
Seal kit - Cartridge	Buna: 990011007
Seal kit - Cartridge	Polyurethane: 990011002
Seal kit - Cartridge	Viton: 990011006

(N)

CONFIGURATION OPTIONS

Model Code Example: MBDNLHN

	(L)	FUNCTIONAL SETTING RANGE (H)	SEAL MATERIAL
actory Set		 H 1000 - 4000 psi (70 - 280 bar), 3000 psi (210 bar) Standard Setting J 2000 - 5000 psi (140 - 350 bar), 3000 psi (210 bar) Standard Setting 	N Buna-NV Viton

CONTROL

L Standard Screw Adjustment C Tamper Resistant - Factory Set