



Direct-acting, 3-way directional cartridges (3 to 4 open, 2 blocked) are switching devices typically used in moderate flow circuits. They can be used by themselves or to actuate larger pilot operated directional cartridges or logic cartridges. The valve shifts when the pressure differential between port 1 and port 4 exceeds the setting.

TECHNICAL DATA

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

Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	50 cc/min.@210 bar
Adjustment - No. of CW Turns from Min. to Max. setting	5
Locknut Hex Size	15 mm
Locknut Torque	9 - 10 Nm
Seal kit - Cartridge	Buna: 990022007
Seal kit - Cartridge	Polyurethane: 990022002
Seal kit - Cartridge	Viton: 990022006

CONFIGURATION OPTIONS

Model Code Example: DRCRLNN

CONTROL	(L) ADJUSTMENT RANGE	(N) SEAL MATERIAL	(N) MATERIAL/COATING
L Standard Screw Adjustment	N 60 - 800 psi (4 - 55 bar), 200 psi (14 bar) Standard Setting	N Buna-N	Standard Material/Coating
C Concealed Manual Override	E 200 - 400 psi (14 - 28 bar), 200 psi (14 bar) Standard Setting	V Viton	/LH Mild Steel, Zinc-Nickel
K Handknob	S 25 - 200 psi (1,7 - 14 bar), 200 psi (14 bar) Standard Setting		