

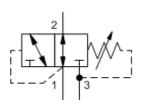


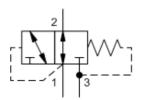
3-way, direct-acting, directional valve with internal drain to port 3 (1 to 2 open, 3 blocked)

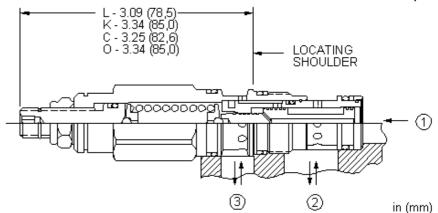
SERIES 1 / CAPACITY: 28 L/min. / CAVITY: T-11A



snhy.com/DRBD







Direct-acting, 3-way directional cartridges (1 to 2 open, 3 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 3 exceeds the setting.

TECHNICAL DATA

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

Factory Pressure Settings Established at	15 L/min.
Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	30 cc/min.
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: 990011007
Seal kit - Cartridge	Polyurethane: 990011002
Seal kit - Cartridge	Viton: 990011006

NOTES For Series 1 cartridges configured with an O control (panel mount handknob), a .75 in. (19 mm) diameter hole is required in the panel.

CONFIGURATION OPTIONS

L Standard Screw Adjustment

K Handknob

C Tamper Resistant - Factory Set

Model Code Example: DRBDLAN

CONTROL (L) ADJUSTMENT RANGE (A) SEAL MATERIAL

500 - 3000 psi (35 - 210 bar), 1000 psi
(70 bar) Standard Setting

B 50 - 1500 psi (3,5 - 105 bar), 200 psi (14 bar) Standard Setting

D 25 - 800 psi (1,7 - 55 bar), 200 psi (14 bar) Standard Setting

E 25 - 400 psi (1,7 - 28 bar), 200 psi (14 bar) Standard Setting

S 25 - 200 psi (1,7 - 14 bar), 100 psi (7 bar) Standard Setting

W 750 - 4500 psi (50 - 315 bar), 1000 psi (70 bar) Standard Setting

N Buna-N V Viton Standard Material/Coating

(N) MATERIAL/COATING

/AP Stainless Steel, Passivated

© 2019 Sun Hydraulics