



CONFIGURATION

X	Control	Standard Pilot
H	Spool Configuration	Open Crossover
N	Seal Material	Buna-N
(none)	Material/Coating	Standard Material/Coating

Two-position, detented, 4-way directional cartridges are 6-port directional valves that can be configured with up to 3 different spool options. The supply port is port 3 and all ports will accept 5000 psi (350 bar). Capacity for these pilot-to-shift valves is dependent on the spool type specified.

TECHNICAL DATA

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

Cavity	T-63A
Series	3
Capacity	160 - 240 L/min.
Minimum Pilot Pressure Required to Shift Valve	9 bar
Max. Op. Press.	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	30 cc/min.@70 bar
Pilot Volume Displacement	5,6 cc
Valve Hex Size	31,8 mm
Valve Installation Torque	203 - 217 Nm
Seal kit - Cartridge	Buna: 990063007
Seal kit - Cartridge	Polyurethane: 990063002
Seal kit - Cartridge	Viton: 990063006
Model Weight	0.84 kg.

CONFIGURATION OPTIONS

Model Code Example: **DCEDXHN**

CONTROL	(X) SPOOL CONFIGURATION	(H) SEAL MATERIAL	(N) MATERIAL/COATING
X Standard Pilot	H Open Crossover C Blocked Crossover X P to B and A to T Crossover	N Buna-N V Viton	Standard Material/Coating /AP Stainless Steel, Passivated /LH Mild Steel, Zinc-Nickel

TECHNICAL FEATURES

- All ports will accept 5000 psi (350 bar), including the x and y pilot ports (port 5 and port 6).
- Leakage listed in technical data is for each path.
- The pilot ports, 5 and 6, are positively sealed from the work ports.
- Hardened spool and sleeve provide consistent and low spool leakage rates and excellent wear characteristics.
- Incorporates the Sun floating style construction to minimize the possibility of internal parts binding due to excessive installation torque and/or cavity/cartridge machining variations.

PERFORMANCE CURVES

