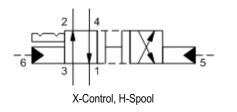




4-way, 2-position, pilot-to-shift, detented, directional valve SERIES 3 / CAPACITY: 160 - 240 L/min. / CAVITY: T-63A



snhy.com/DCED



PORTS PORTS PORTS PORTS

CONFIGURATION

X	Control	Standard Pilot
Н	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

N Buna-N

Standard Mate

C Blocked Crossover
 V Viton
 /AP Stainless Steel, Passivated
 Y P to B and A to T Crossover
 /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

