



### CONFIGURATION

<b>X</b> Control	Not Adjustable
<b>B</b> Spool Configuration	B to T Center
<b>N</b> Seal Material	Buna-N
<b>/AP</b> Material/Coating	Stainless Steel, Passivated

Three-position, 4-way directional cartridges are spring-centered, 6-port directional valves that can be configured from a choice of 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-52A
Series	2
Capacity	80 L/min.
Minimum Pilot Pressure Required to Shift Valve	10,5 bar
Max. Op. Press.	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	30 cc/min.@70 bar
Pilot Volume Displacement	0,82 cc
Valve Hex Size	28,6 mm
Valve Installation Torque	61 - 68 Nm
Seal kit - Cartridge	Buna: 990052007
Seal kit - Cartridge	Viton: 990052006
Model Weight	0.48 kg.

### CONFIGURATION OPTIONS

Model Code Example: **DDDCXBN/AP**

CONTROL	(X)	SPOOL CONFIGURATION	(B)	SEAL MATERIAL	(N)	MATERIAL/COATING	(/AP)
<b>X</b> Not Adjustable		<b>B</b> B to T Center		<b>N</b> Buna-N		<b>/AP</b> Stainless Steel, Passivated	
		<b>C</b> Blocked Center		<b>V</b> Viton		Standard Material/Coating	
		<b>D</b> Blocked Center, Regen, P to B and A to T					
		<b>H</b> Open Center					
		<b>R</b> Regen Center					
		<b>T</b> Tandem Center					
		<b>W</b> A and B Bleed to T Center, Restrictive					
		<b>Y</b> A and B to T Center					

### TECHNICAL FEATURES

- All ports will accept 5000 psi (350 bar), including the x and y pilot ports (port 1 and port 6).
- Leakage listed in technical data is for each path, including pilot paths.
- 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



