

# Fisher™ D Series Valve Selection Guide



X1212

## D2T On/Off Dump Valve

- NPS 1 CL900 NPT connections
- 0.5 inch FloPro solid R30006 or S17400 SST trim; Max  $C_v = 6.0$
- Ability to meet the metallurgical requirements of NACE MR0175-2002
- Excellent live-loaded packing design



W9249

## D3 Premium On/Off Dump Valve

- NPS 1 CL900 NPT connections
- NPS 1 and 2 CL900 NPT, NPS 1 and 2 CL600 RF connections
- 3/8, 3/4, or 1 inch FloPro S17400 SST or tungsten carbide trim; Max  $C_v = 16.8$
- Ability to meet the metallurgical requirements of NACE MR0175/ISO 15156
- Excellent live-loaded packing design



W8531

## D4 Premium High-Flow On/Off Dump Valve

- Throttling control
- NPS 1 and 2 4250 psi NPT, NPS 1 and 2 CL150 RF to 1500 RTJ connections
- 0.25 to 1.25 inch port S17400 SST or tungsten carbide trim; Max  $C_v = 33.2$
- Ability to meet the metallurgical requirements of NACE MR0175/ISO 15156
- Excellent live-loaded packing design
- FIELDVUE™ digital valve controller and i2P-100 transducer mounting available
- Smaller envelope size than D



W7859-1

## D High-Tier Throttling Control Valve

- NPS 1 and 2 3600 or 6000 psi NPT, NPS 1 and 2 CL150 RF to 2500 RTJ connections
- 0.25 to 1.25 inch port R30006 or tungsten carbide trim; Max  $C_v = 34.5$
- Ability to meet the metallurgical requirements of NACE MR0175-2002
- High pressure capability; CL2500
- High flow / high pressure drop capability
- Tough standard R30006 trim offering
- Excellent tungsten carbide and VTC trim offering
- Preferred FIELDVUE digital valve controller mounting platform

## D Series Control Valves (D2T, D3, D4, D)

Figure 1. D Series Control Valves (D2T, D3, D4, and D)

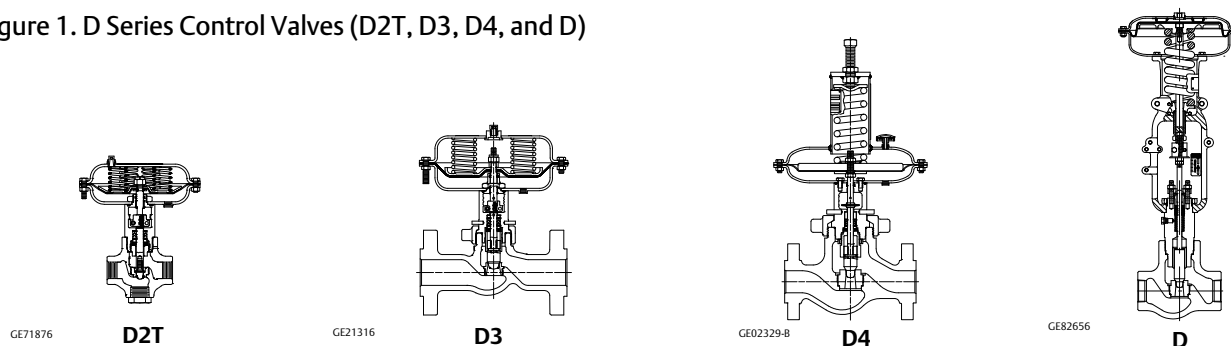


Table 1. D Series Control Valves (D2T, D3, D4, and D)

VALVE	SIZES		THROTTLING (1)	TRIM		ENVIRO-SEAL™ PACKING	FIELD REVERSIBLE	HAMMER UNION	easy-Drive™ COMPATIBLE	FIELDVUE COMPATIBLE	QUAD-O COMPLIANT
	NPS 1	NPS 2		Standard	Optional						
D2T	X		no	S17400	CoCr-A	standard	yes	no	no	no	yes
D3	X	X	yes	S17400	tungsten carbide	standard	yes	yes	yes	no	yes
D4	X	X	yes	S17400	tungsten carbide	standard	no	yes	yes	yes	yes
D	X	X	yes	S31600/ CoCr-A	VTC (ceramic)	optional	no	no	no	yes	no
					tungsten carbide						

Note 1 for table 1. Dynamic performance and accuracy without a positioner depends on packing friction, actuator spring range, and the controller tuning. For information on your particular application, contact your [Emerson sales office](#) or Local Business Partner.

**Table 2. End Connections**

	<b>D2T</b>	<b>D3</b>	<b>D4</b>	<b>D</b>
NPS 1 NPT	X	X	X	X
CL150 RF			X	X
CL300 RF			X	X
CL600 RF		X	X	X
CL1500 RF			X	X
CL1500 RTJ			X	X
CL2500 RF				X
CL2500 RTJ				X
NPS 2 NPT		X	X	X
CL150 - CL300 RF			X	X
CL600 RF		X	X	X
CL1500 RF			X	X
CL1500 RTJ			X	X
CL2500 RF				X
CL2500 RTJ				X
10,000 API				X

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