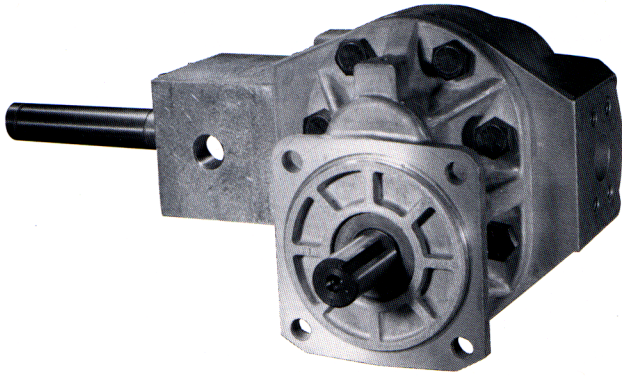


Model DV25



Description Dry Valve Pumps
 Flow Range . . . To 95 GPM (359.6 LTR) @ 1200 RPM
 Displacements . . . To 19.22 C.I.R. (314.96 CC's/REV.)
 Maximum Pressure to 3000 PSI (207 BAR)
 Maximum Speed to 2500 RPM
 Rotation A or C
 Bearings Journal
 Construction Aluminum

Performance Data

PUMP MODELS	SECTION SIZE	DISPLACEMENT/REVOLUTION (Theoretical)					MAXIMUM PRESSURE		MAXIMUM SPEED
		US Gallons	Cubic Inches	Liters	Cubic Centimeters	Imperial Gallons	PSI	BAR	RPM
DV25	300	.0262	6.05	.0992	99.142	.022	3000	207	2500
DV25	350	.0306	7.07	.1158	115.857	.026	3000	207	2500
DV25	400	.0350	8.08	.1324	132.408	.029	3000	207	2500
DV25	450	.0394	9.10	.1491	149.123	.033	3000	207	2500
DV25	500	.0435	10.05	.1647	164.690	.036	2500	172	2500
DV25	550	.0479	11.06	.1812	181.241	.040	2500	172	2500
DV25	660	.0581	13.42	.2200	219.915	.048	2500*	172	2500
DV25	770	.0671	15.50	.2540	254.000	.056	2500*	172	2500
DV25	950	.0832	19.22	.3150	314.960	.069	2500*	172	2500

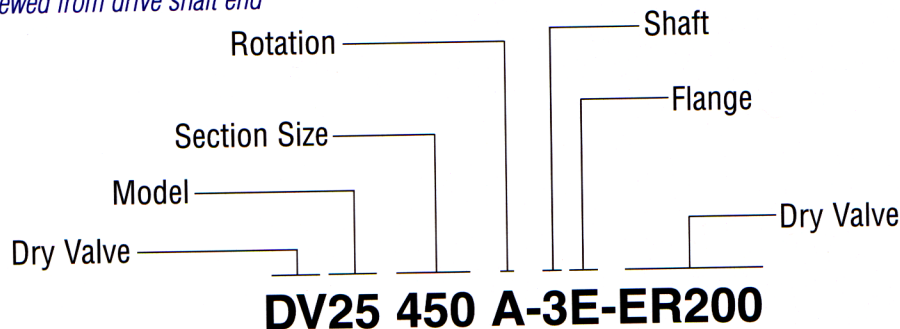
Available with Viton seals for use with phosphate ester base fluids.
 Consult factory for application of tandem units. *Consult factory for application approval.

CAUTION: "Inlet vacuum" should not exceed 5" Hg at normal operating speed and temperature.
 Operation of pumps in excess of 5" Hg requires factory approval.

When sizing pumps, refer to the performance charts in the back of the catalog to determine the volumetric efficiency and input horsepower requirements.

How To Order

'A' denotes counterclockwise rotation
 'C' denotes clockwise rotation
 When viewed from drive shaft end



Note: Add prefix 'V' to pump model number (VDV25) when ordering pumps with Viton Seals.

Shafts Available for DV25

<p>1 SAE 'C' 1-1/4" 14 Tooth Spline Torque Limit 655 Lbs. Ft. (888,0 Nm)</p> <p><i>Spline Data</i> Diametral Pitch 12/24 Pressure Angle 30° No. Of Teeth 14</p>	<p>2 SAE 'C' 1-1/4" Dia. Straight Shaft Torque Limit 655 Lbs. Ft. (888,0 Nm)</p>	<p>5 1-1/4" Straight Shaft Torque Limit 655 Lbs. Ft. (888,0 Nm)</p>
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Mounting Flanges Available

<p>E SAE 'C' 4-Bolt</p>	<p>F SAE 'C' 2-Bolt</p>
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Dimensional Data

Mounting Dimensions

PUMP MODEL	DRY VALVE	A	B	C	D	E	F
DV25300	ER-200	8.81 (223,7)	6.21 (157,7)	4.00 (101,6)	8.75 (222,2)	2.00 (50,8)	20.96 (532,3)
DV25350	ER-200	8.81 (223,7)	6.21 (157,7)	4.00 (101,6)	8.75 (222,2)	2.00 (50,8)	20.96 (532,3)
DV25400	ER-200	8.81 (223,7)	6.21 (157,7)	4.00 (101,6)	8.75 (222,2)	2.00 (50,8)	20.96 (532,3)
DV25450	ER-200	8.81 (223,7)	6.21 (157,7)	4.00 (101,6)	8.75 (222,2)	2.00 (50,8)	20.96 (532,3)
DV25500	ER-250	8.63 (219,2)	6.21 (157,7)	4.00 (101,6)	8.75 (222,2)	3.25** (82,5)	22.21 (564,1)
DV25550	ER-250	8.81 (223,7)	6.21 (157,7)	4.00 (101,6)	8.75 (222,2)	3.25** (82,5)	22.21 (564,1)
DV25660	ER-250	9.06 (230,1)	6.21 (157,7)	4.00 (101,6)	8.75 (222,2)	3.25** (82,5)	22.21 (564,1)
DV25770	ER-250	9.31 (236,4)	6.21 (157,7)	4.00 (101,6)	8.75 (222,2)	3.25** (82,5)	22.21 (564,1)
DV25950	ER-250	9.95 (252,7)	6.21 (157,7)	5.75* (146,0)	8.75 (222,2)	3.25 (82,5)	23.96 (608,5)

*Includes 1.75" for Adapter Kit 1677

**Includes 1.25" for Adapter Kit 14190

PUMP MODEL	Ports			
	SAE 4-Bolt Conn.		Conn. Hole Dia.	
	Suction	Discharge	Suction	Disc
DV25300	2"	1-1/4"	2.00 (50,8)	1.25 (31,7)
DV25350	2"	1-1/4"	2.00 (50,8)	1.25 (31,7)
DV25400	2"	1-1/4"	2.00 (50,8)	1.25 (31,7)
DV25450	2"	1-1/4"	2.00 (50,8)	1.25 (31,7)
DV25500	2-1/2"	1-1/2" ⁽²⁾	2.50 (63,5)	1.50 (38,1)
DV25550	2-1/2"	1-1/2" ⁽²⁾	2.50 (63,5)	1.50 (38,1)
DV25660	2-1/2"	1-1/2" ⁽²⁾	2.50 (63,5)	1.50 (38,1)
DV25770	2-1/2"	1-1/2" ⁽²⁾	2.50 (63,5)	1.50 (38,1)
DV25950	3" ⁽¹⁾	2"	3.00 (76,2)	2.00 (50,8)

⁽¹⁾Requires Port Adapter Kit 16771 to mount ER250 valve

⁽²⁾Requires Port Adapter Kit 14190 to mount ES valve

SAE 4-Bolt Connector Ports

Size	G	H	J	K	L
1-1/4"	.59 (15,0)	1.188 (30,2)	1.15 (29,2)	2.313 (58,7)	7/16-14NC
1-1/2"	.70 (17,8)	1.406 (35,7)	1.37 (34,8)	2.750 (69,8)	1/2-13NC
2"	.84 (21,3)	1.688 (42,9)	1.53 (38,9)	3.062 (77,8)	1/2-13NC
2-1/2"	1.00 (25,4)	2.000 (50,8)	1.75 (44,4)	3.500 (88,9)	1/2-13NC
3"	1.21 (30,7)	2.438 (61,9)	2.09 (53,1)	4.188 (106,4)	5/8-11NC

