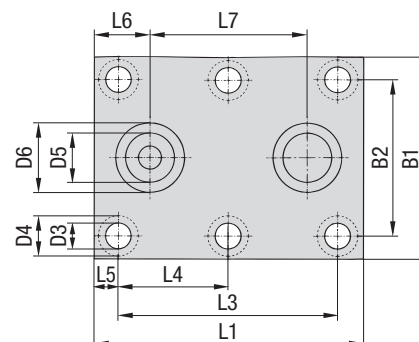
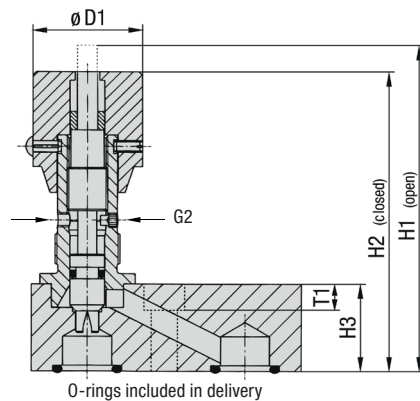


Throttle and Shut-Off Valve ▪ Type DVP (Manifold Assembly)



Characteristics

Throttle and shut-off the flow of liquid media in both directions

Features

- Designed for manifold mounting
- Panel mounting nuts available on request
- Graduated turning knob and coded spindle to accurately control flow
- Set-screw located on side of turning knob to lock valve in position

Media Compatibility

- Suitable for use with mineral and petroleum based hydraulic fluids (HL and HLP)

Please contact STAUFF before using with other media.

Materials

- Body and spindle made of Steel (1.0715), zinc/iron-plated (Fe/Zn Fe Co 8 C) and free of hexavalent chromium CrVI (standard option); Stainless Steel (1.4571) version available
- Turning knob made of Polyamide (PA)
- O-rings made of FKM (Viton®); NBR (Buna-N®) and EPDM sealed version available

Contact STAUFF for alternative materials.

Technical Data

- Maximum working pressure:
350 bar / 5000 PSI (for all sizes)
- Operating temperature range:
-20 °C ... +100 °C / -4 °F ... +212 °F

Please see page 100 for detailed flow characteristics.

Recommended Bolts / Tightening Torques

- Socket cap screws according to ISO 4762 or ANSI / ASME B18.3 recommended for installation (not included in delivery):

DVP-06	M6 x 20 - 8.8 (9 N·m) 1/4-20 UNC x 3/4 - Gr. 5 (10 ft·lb)
DVP-08	M6 x 25 - 8.8 (9 N·m) 1/4-20 UNC x 1 - Gr. 5 (10 ft·lb)
DVP-10	M6 x 30 - 10.9 (12 N·m) 1/4-20 UNC x 1-1/4 - Gr. 8 (12 ft·lb)
DVP-12	M6 x 30 - 12.9 (15 N·m) 1/4-20 UNC x 1-1/4 - Gr. 10 (14 ft·lb)
DVP-16	M8 x 35 - 10.9 (30 N·m) 5/16-18 UNC x 1-1/2 - Gr. 8 (24 ft·lb)
DVP-20	M8 x 50 - 12.9 (35 N·m) 5/16-18 UNC x 2 - Gr. 10 (29 ft·lb)
DVP-25	M10 x 50 - 12.9 (70 N·m) 3/8-16 UNC x 2 - Gr. 10 (58 ft·lb)
DVP-30	M12 x 60 - 10.9 (100 N·m) 7/16-14 UNC x 2-1/2 - Gr. 8 (63 ft·lb)

Dimensions

For panel mounting, please see dimensions G2, D2 and S (Max.) on page 92.

Type + Nom. Size	Dimensions (mm/in)																		Weight	
G2	ØD1	ØD3	ØD4	ØD5	ØD6	L1	L3	L4	L5	L6	L7	B1	B2	T1	H1	H2	H3	O-ring	(^g /lbs)	
DVP-06	PG 7	24	6,5	10,5	5	9,8	35	19	8	9,5	16	41,5	28,5	6,8	64	59	16	6,35 x 1,78	0,20	
		.94	.26	.41	.20	.39	1.38	.75		.31	.37	.63	1.63	1.12	.27	2.52	2.32		.63	.44
DVP-08	PG 11	29	6,5	10,5	7	12,4	47,5	35	6,5	11	25,5	46	33,5	6,8	79	72	20	8,5 x 2	0,40	
		1.14	.26	.41	.28	.49	1.87	1.38		.26	.43	1.00	1.81	1.32	.27	3.11	2.83		.79	.88
DVP-10	PG 11	29	6,5	10,5	10	15,7	51	33,5	8,5	12,7	25,5	51	38	6,8	84	78	25	12 x 2	0,60	
		1.14	.26	.41	.39	.62	2.01	1.32		.33	.50	1.00	2.01	1.50	.27	3.31	3.07		.98	1.32
DVP-12	PG 16	38	6,5	10,5	13	18,7	75	38	18,5	22,5	30	57,5	44,5	6,8	100	89	25	15 x 2	1,00	
		1.50	.26	.41	.51	.74	2.95	1.50		.73	.89	1.18	2.26	1.75	.27	3.94	3.50		.98	2,20
DVP-16	PG 16	38	8,5	13,5	17	23,9	93,5	76	38	8,5	19,5	54	70	54	9	113	103	30	19 x 2,5	1,50
		1.50	.33	.53	.67	.94	3.68	2.99	1.50	.33	.77	2.13	2.76	2.13	.35	4.45	4.06	1.18		3,31
DVP-20	PG 29	49	8,5	13,5	22	30,5	111	95	47,5	8	27	57	76,5	60	9	154	142	45	25 x 3	3,40
		1.93	.33	.53	.87	1.20	4.37	3.74	1.87	.31	1.06	2.24	3.01	2.36	.35	6.06	5.59	1.77		7,50
DVP-25	PG 29	49	10,5	16,5	28,5	37,5	143	120	60	11	32	79,5	100	76	11	154	142	45	32 x 3	5,15
		1.93	.41	.65	1.12	1.48	5.63	4.72	2.36	.43	1.26	3.13	3.94	2.99	.43	6.06	5.59	1.77		11,35
DVP-30	PG 29	49	13	19	35	43,5	171	143	71,5	15	39	95	115	92	13	159	147	50	38 x 3	7,50
		1.93	.51	.75	1.38	1.71	6.73	5.63	2.81	.59	1.54	3.74	4.53	3.62	.51	6.26	5.79	1.97		16,53

Order Codes

DVP	-	25	-	V	-	W5	-	PM
①		②		③		④		⑤

① Type

Throttle and Shut-Off Valve (Manifold Assembly) **DVP**

② Nominal Size DN

06 08 10 12 16 20 25 30

③ Sealing Material

FKM (Viton®) (standard option) **V**
NBR (Buna-N®) **B**
EPDM **E**

⑤ Body / Spindle Material

Steel, zinc/iron-plated (standard option) —
Stainless Steel **W5**

⑤ Panel Mounting Nut

Without panel mounting nut (standard option) —
With panel mounting nut **PM**