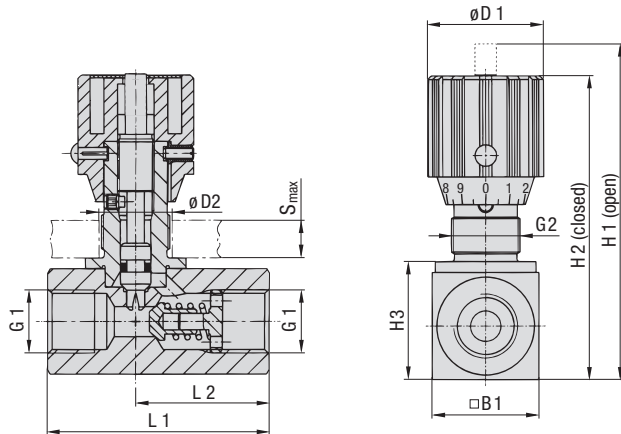


Flow Control Valve ■ Type DRV (In-Line Assembly)



Dimensions

Type + Nominal Size	Thread Options G1	Dimensions (mm/in)										Weight (kg/lbs)
		G2	H1	H2	H3	B1	ØD1	ØD2	S (Max.)	L1	L2	
DRV-06	G1/8 BSP 1/8 NPT	PG 7	64	59	18	16	24	13	4	45	26	0,10
			2.52	2.32	.71	.63	.94	.51	.16	1.77	1.02	.22
DRV-08	G1/4 BSP 1/4 NPT 7/16-20 UNF (1/4" SAE)	PG 11	83,5	77,5	27	25	29	19	7	55	33,5	0,30
			3.29	3.05	1.06	.98	1.14	.75	.28	2.17	1.32	.66
DRV-10	G3/8 BSP 3/8 NPT 9/16-18 UNF (3/8" SAE)	PG 11	90	83	32	30	29	19	7	65	41	0,45
			3.54	3.27	1.26	1.18	1.14	.75	.28	2.56	1.61	.99
DRV-12	G1/2 BSP 1/2 NPT 3/4-16 UNF (1/2" SAE)	PG 16	109,5	99,5	38,5	35	38	23	7	73	44	0,70
			4.31	3.92	1.51	1.38	1.50	.91	.28	2.87	1.73	1.54
DRV-16	G3/4 BSP 3/4 NPT 1-1/16-12 UN (3/4" SAE)	PG 16	128,5	118,5	48,5	45	38	23	7	88	57	1,26
			5.06	4.67	1.90	1.77	1.50	.91	.28	3.46	2.24	2.78
DRV-20	G1 BSP 1 NPT 1-5/16-12 UN (1" SAE)	PG 29	159	146	55	50	49	38	10	127	77	2,60
			6.26	5.75	2.17	1.97	1.93	1.50	.39	5.00	3.03	5.73
DRV-25	G1-1/4 BSP 1-1/4 NPT 1-5/8-12 UN (1-1/4" SAE)	PG 29	169	156	65	60	49	38	10	143	93	3,70
			6.65	6.14	2.56	2.36	1.93	1.50	.39	5.63	3.66	8.16
DRV-30	G1-1/2 BSP 1-1/2 NPT 1-7/8-12 UN (1-1/2" SAE)	PG 29	179	166	75	70	49	38	10	143	91	4,76
			7.04	6.54	2.95	2.76	1.93	1.50	.39	5.63	3.58	10.49
DRV-40	G2 BSP 2 NPT 2-1/2-12 UN (2" SAE)	PG 29	199	186	95	90	49	38	10	165	111	8,52
			7.83	7.32	3.74	3.54	1.93	1.50	.39	6.50	4.37	18.78

Order Codes

DRV	-	25	-	B	-	G	-	W5	-	PM
①		②		③		④		⑤		⑥

① Type

Flow Control Valve (In-Line Assembly) **DRV**

② Nominal Size DN

06 08 10 12 16 20 25 30 40

③ Sealing Material

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

④ Connection

Female BSP threads (ISO 228) **G**
Female NPT threads (ANSI B1.20.1) **N**
Female UN/UNF thread (SAE J514) **U**

⑤ Body / Spindle Material

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

⑥ Panel Mounting Nut

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

Characteristics

Throttle and shut-off the flow of liquid media in direction A-B (free flow in reverse direction)

Features

- Designed for in-line assembly with female BSP, NPT and SAE threaded connections
- 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 hydraulic fluids

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 NBR (Buna-N®); FKM (Viton®) and EPDM sealed version available

Contact STAUFF for alternative materials.

Technical Data

- Opening pressure: 0,5 bar / 7 PSI (4,5 bar / 65 PSI available on request)
- 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.

