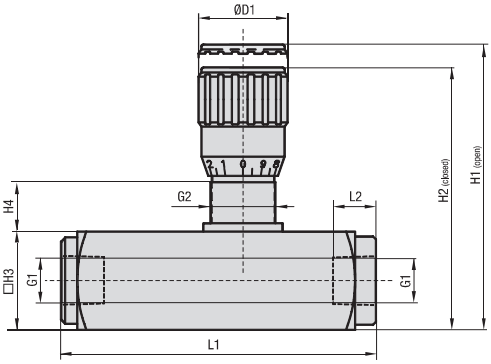
Pressure Compensated Flow Control Valve ▪ Type PNDRV (In-Line Assembly)



Dimensions

Type + Nominal Size	Thread Options G1	Dimensions (mm/in) L1	L2	H1	H2	H3	H4	G2	Weight (kg/lbs)
PNDRV-08	G1/4 BSP	94	12,5	88,5	81,5	30	15	M20 x 1	0,58
	1/4 NPT								
	7/16–20 UNF (1/4" SAE)	3.70	.49	3.48	3.21	1.18	.59		.77
PNDRV-10	G3/8 BSP	110,5	13	103	94,5	35	17	M25 x 1,5	0,94
	3/8 NPT								
	9/16–18 UNF (3/8" SAE)	4.35	.51	4.06	3.72	1.38	.67		2.09
PNDRV-12	G1/2 BSP	137	15,5	122	112	45	18	M30 x 1,5*	1,83
	1/2 NPT								
	3/4–16 UNF (1/2" SAE)	5.39	.61	4.80	4.41	1.77	.71		4.07
PNDRV-16	3/4 NPT	163	17	150	138	55	24	M40 x 1,5	3,35
	G3/4 BSP								
	1-1/16–12 UN (3/4" SAE)	6.42	.67	5.91	5.43	2.17	.94		7.44

* M25 x 1,5 for version with female UN/UNF thread (SAE J514)

Order Codes

PNDRV - 12 - B - G - W5 - PM

① ② ③ ④ ⑤ ⑥

① Type

Pressure Compensated Flow Control Valve (In-Line Assembly)	PNDRV

② Nominal Size DN

08	10	12	16

③ Sealing Material

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

④ Connection

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

⑤ Body Material

Steel, phosphated (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) with pressure compensating feature via built-in compensating piston

Features

- Designed for in-line assembly with female BSP, NPT and SAE threaded connections
- Panel mounting nuts available on request
- Graduated turning knob 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 made of Steel, phosphated
- Internal components made of Stainless Steel
- Turning knob made of Aluminium
- O-rings made of NBR (Buna-N®)
- Anti-extrusion ring made of PTFE

Contact STAUFF for alternative materials.

Technical Data

- Maximum working pressure: 210 bar / 3000 PSI (for all sizes)
- Operating temperature range: -20 °C ... +120 °C / -4 °F ... +248 °F
- Minimum filtration grade: 25 µm (absolute) to ensure the correct functioning, reduce wear and tear and increase the service life of the valve

Flow Characteristics