

PRESSURE REDUCING VALVES

Stainless Steel



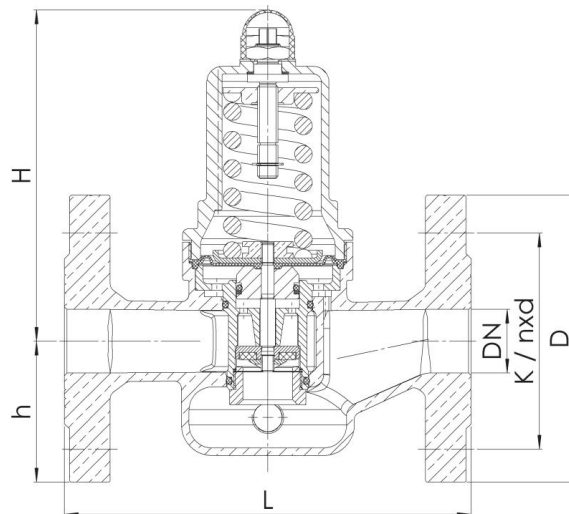
482mGFO-SP

For the protection of:

- domestic water supply systems
- commercial and industrial plants against too high supply pressure.
- Suitable for potable water supply acc. to DIN 1988.

Technical Specification

Inlet pressure:	Max 16/40bar
Outlet Pressure:	1-8 bar
Temperature range:	-20...+120°C
Connections:	Flanges PN16 or PN40 acc. to DIN EN 1092
Body:	Stainless steel 1.4408 - ASTM A 351 CF-8M
Internals:	Stainless steel 1.4408 - ASTM A 351 CF-8M, 1.4571 - AISI 316 Ti
Diaphragm:	EPDM
Strainer:	Stainless steel 1.4301. Mesh size: DN15-32 - 0,6mm, DN40-80 - 0,75mm
Connection, gauge:	DN15-50, 2pcs outlet pressure. DN65-100, 1pce outlet and 1pce inlet pressure



Dimensions / Data

DN	Type	D	L	H	h	K /nxd PN16	K /nxd PN40	Kv m³/h	Kg
15	482mGFO-SP-DN15	95	130	102	46	65 /4xM12	65 /4xM12	3,0	2,8
20	482mGFO-SP-DN20	105	150	130	50	75 /4xM12	75 /4xM12	5,8	4,2
25	482mGFO-SP-DN25	115	160	130	55	85 /4xM12	85 /4xM12	6,7	4,7
32	482mGFO-SP-DN32	140	180	130	68	100 /4xM16	100 /4xM16	7,6	5,9
40	482mGFO-SP-DN40	150	200	165	73	110 /4xM16	110 /4xM16	12,5	8,6
50	482mGFO-SP-DN50	165	230	165	80	125 /4xM16	125 /4xM16	15,0	10,5
65	482mGFO-SP-DN65	185	290	235	89	145 /4xM16	145 /8xM16	40,0	20,0
80	482mGFO-SP-DN80	200	310	235	96	160 /8xM16	160 /8xM16	50,0	22,0
100	482mGFO-SP-DN100	220	350	320	112	180 /8xM16	-	80,0	40,0

Options

Diaphragm in FKM

Option for low outlet pressure DN15-50: Inlet pressure max 16bar, outlet pressure 0,5-2bar

Option for high outlet pressure DN15-50 Flange PN40: Inlet pressure max 30bar, outlet pressure 5-15bar

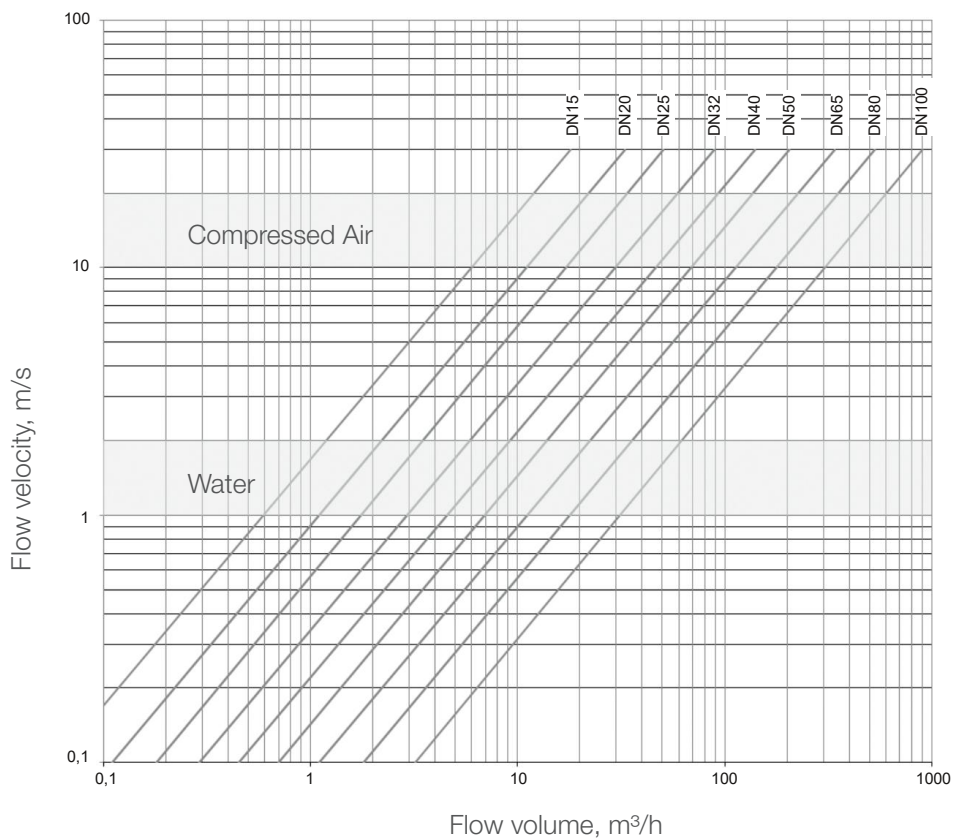
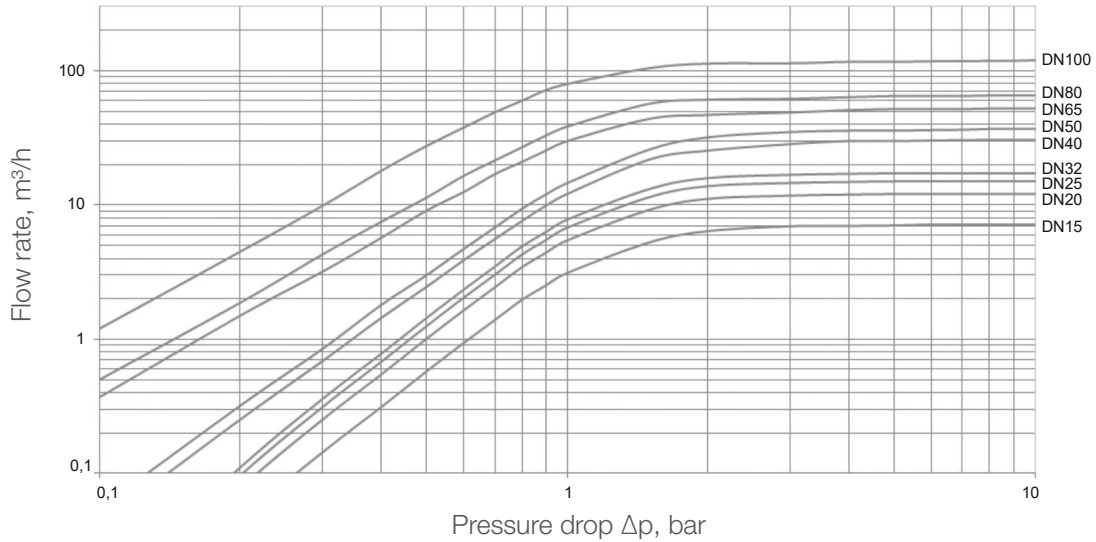
Option for high outlet pressure DN100 Flange PN16: Inlet pressure max 16bar, outlet pressure 5-13bar

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Flow Chart Water



According to DVGW-guidelines (DIN 1988) a flow velocity of 2m/s in domestic water supply systems should not be exceeded.

Accessories

Pressure gauge P320-50-P-1/4"G-0~10 bar

