

DNS Direct Membrane Pressure Reducing Valve - D200

Features:

- All iron components are fusion epoxy bonded for corrosion resistance.
- Easy maintenance without removal from the main line.
- Nylon reinforced diaphragm for long term service.
- Drip tight shut off.
- Ductile iron bodies for higher strength and durability.
- Stainless Steel pilots and nylon reinforcement diaphragm gives stable functionality.

DNS D200 is a direct membrane operation pressure reducing valve, Ductile Iron GJS500-7 body/ bonnet, EPDM nylon reinforced diaphragm.



General Applications:

For general water supply, non solids wastewater, fire fighting and irrigation systems.

Technical Data:

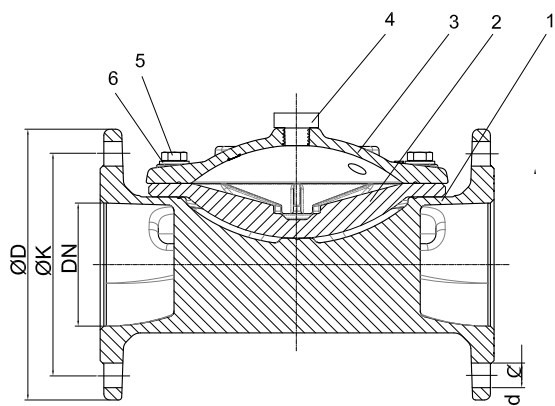
Size Range: DN 50-150mm

Pressure rating: PN10, PN16.

Max. temperature Range: -10°C to 80°C



Main Valve



Parts List & Material

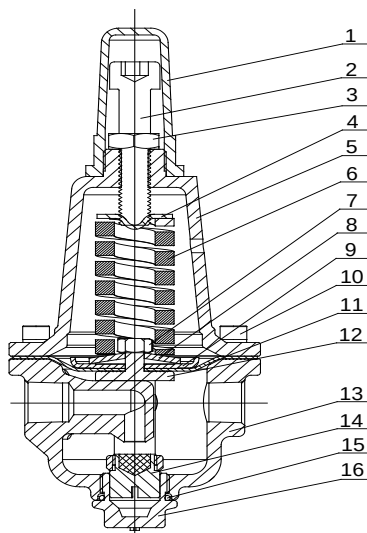
No.	Part Name	Material	Standard
1	Body	Ductile Iron	EN GJS500-7
2	Membrane	Nylon Reinforced Rubber	EPDM + Nylon
3	Bonnet	Ductile Iron	EN GJS 500-7
4	Plug	Stainless Steel	AISI 304
5	Bolt	Stainless Steel	AISI 304
6	Washer	Stainless Steel	AISI 304

Dimension:

Unit: mm

DN	Model No	L	ØD		ØK		N- Ød		H
			PN10	PN16	PN10	PN16	PN10	PN16	
50	D900-0050	205	165		125		4-Ø19		82.5
80	D900-0080	295	200		160		8-Ø19		100
100	D900-0100	320	220		180		8-Ø19		115
150	D900-0150	425	285		240		8-Ø19		170

P200-Reducing Pilot



Part list & Material

No.	Description	Material	Standard
1	Cap	Plastic	ABS
2	Adjusting Screw	Stainless Steel	AISI 304
3	Jam Nut	Stainless Steel	A2
4	Spring table	Stainless Steel	AISI 304
5	Bonnet	Stainless Steel	AISI 304
6	Spring	Spring Steel	SiCrV
7	Nut	Stainless Steel	A2
8	Spring table	Spring Steel	Mn-steel+Ni Plated
9	Fixing Holder	Stainless Steel	AISI 304
10	Screw	Stainless Steel	A2
11	Diaphragm	Nylon Reinforced Rubber	EPDM+Nylon
12	Yoke	Stainless Steel	AISI 304
13	Body	Stainless Steel	AISI 304
14	Disc	Stainless Steel+Rubber	AISI 304+EPDM
15	O-Ring	Rubber	NBR
16	Plug	Stainless Steel	AISI 304

Head Loss Curve

