

PILOT PRESSURE REDUCE VALVE

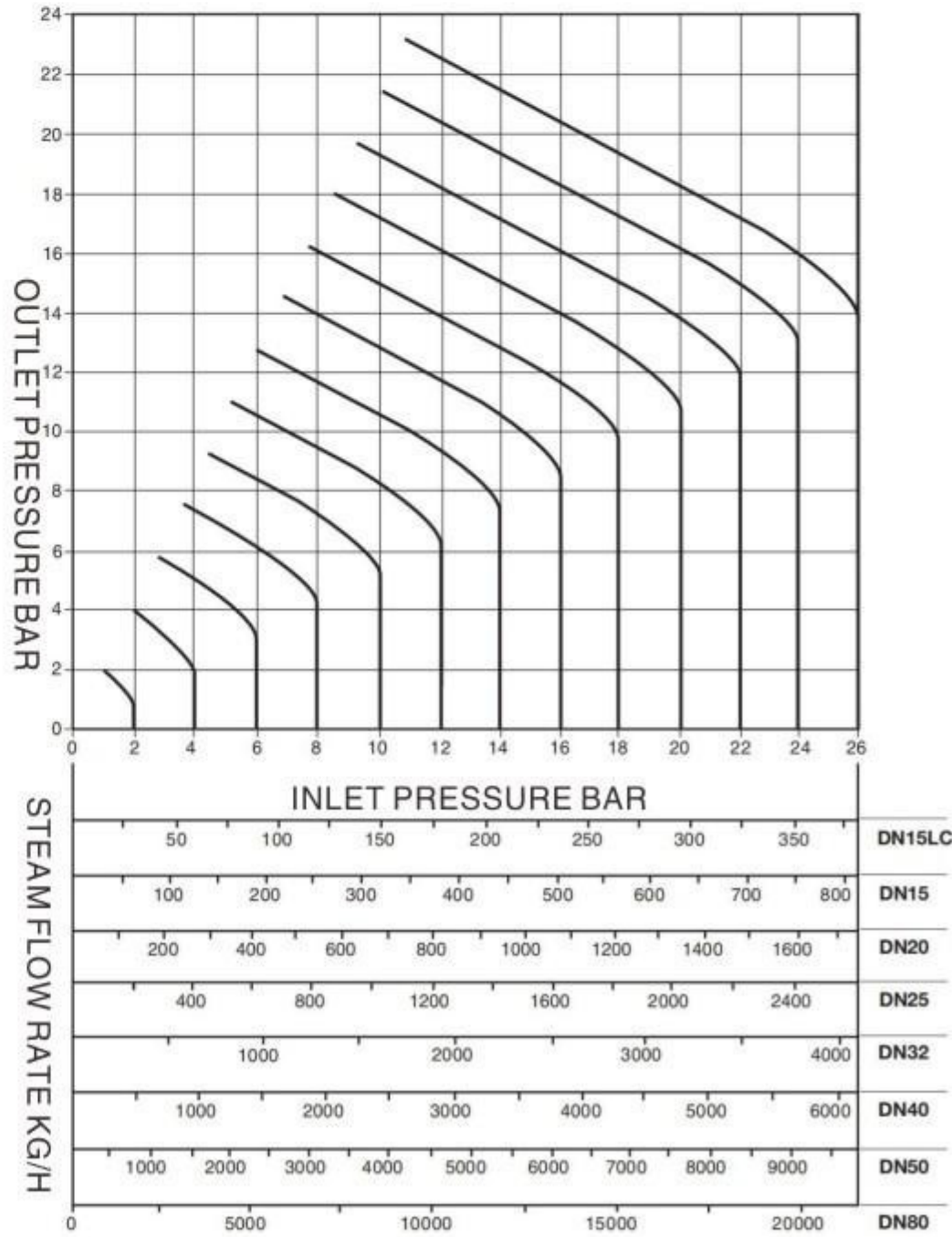
Model:VDP17F



This pressure reduce valve is pilot and diaphragm type. The diaphragm apply new material with large work area. Micro changes of upstream pressure and downstream load can be feedback to main pilot valve promptly and accurately. Adjusting the open position of disc to ensure stable downstream pressure.

Max inlet pressure: 16 bar, 25 bar. Outlet pressure(Springs pressure setting range): Yellow-0.2-3 bar, Blue-2.5-7 bar, Red-6-17 bar. Media temperature: 0-285 degree C. Max rate inlet pressure/outlet pressure: 20:1.

NAME	MATERIAL
Body	WCB
Bonnet	WCB
Seat	2Cr13
Disc	2Cr13
Stem	2Cr13
Diaphragm	SS, BRASS
Spring	60Si2Mn



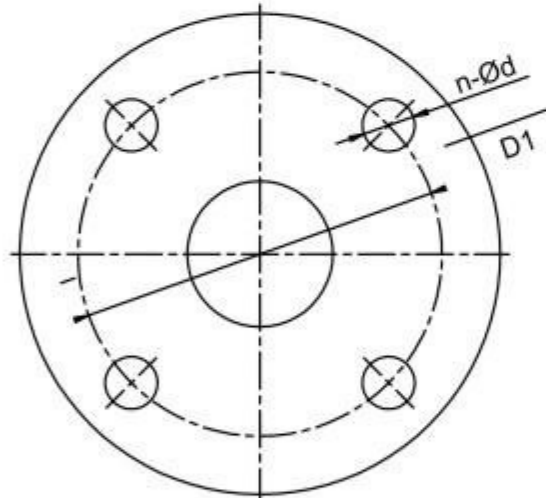
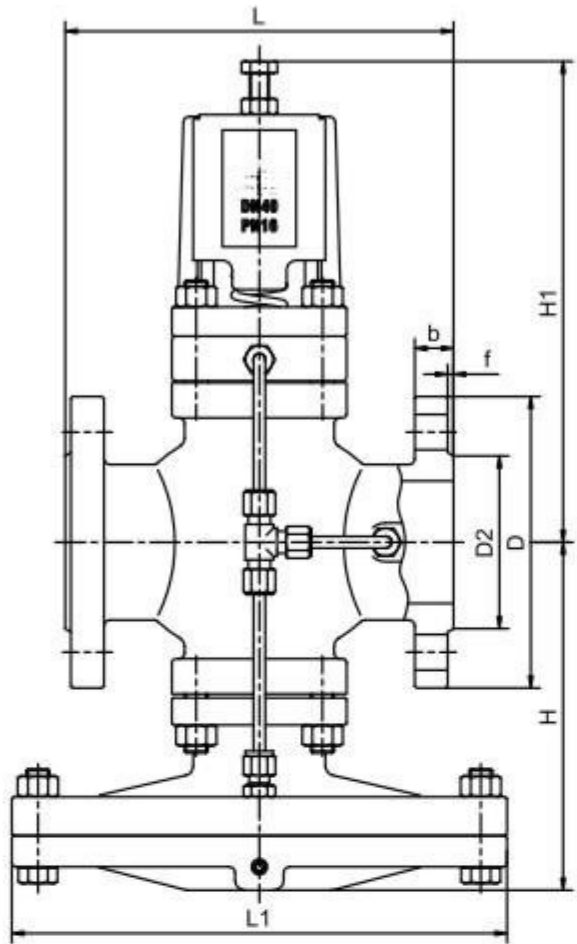
TECHNICAL SPECIFICATION

Design standard: GB/T12224
Connection standard:DIN2543-2545
Test and inspection: GB/T12244-46

APPLICATION

Steam, hot and cold water, air etc.

TEST SPECIFICATION			
Test	PN		Mpa
	Strength	1.5PN	
	Seat Seal	/	
Max Inlet	PN		
Adjust Range	0.02-1.6		
Temperature	MAX 350℃		



Example: The steam flow rate is 600kg/h, and the pressure is reduced from 6 bar to 4 bar. Find the intersection point between the curve with an upstream pressure of 6 bar and the curve with a downstream pressure of 4 bar in the table, and move vertically from this point. Next, find the capacity match required flow rate, DN32 and above can meet.

DN	L	L1	H	H1	D	D1	D2	b	f	n-ød
PN16										
15	147	185	145	235	95	65	45	16	2	4-ø14
20	154	185	145	235	105	75	58	18	2	4-ø14
25	160	207	145	235	115	85	68	18	2	4-ø14
32	180	207	145	235	140	100	78	18	2	4-ø18
40	200	255	180	240	150	110	88	18	3	4-ø18
50	230	255	183	240	165	125	102	20	3	4-ø18
65	250	320	200	295	185	145	122	20	3	4-ø18
80	310	350	230	295	200	160	138	20	3	8-ø18
100	350	380	240	320	220	180	158	20	3	8-ø18
125	400	430	315	352	250	210	188	22	3	8-ø18
150	450	455	334	364	285	240	212	22	3	8-ø22
200	500	510	354	384	340	295	268	24	3	12-ø22
PN25										
15	147	185	145	235	95	65	45	16	2	4-ø14
20	154	185	145	235	105	75	58	18	2	4-ø14
25	160	207	145	235	115	85	68	18	2	4-ø14
32	180	207	145	235	140	100	78	18	2	4-ø18
40	200	255	180	240	150	110	88	18	3	4-ø18
50	230	255	183	240	165	125	102	20	3	4-ø18
65	250	320	200	295	185	145	122	22	3	8-ø18
80	310	350	230	295	200	160	138	24	3	8-ø18
100	350	380	240	320	235	190	162	24	3	8-ø22
125	400	430	315	352	270	220	188	26	3	8-ø26
150	450	455	334	364	300	250	218	28	3	8-ø26
200	500	510	354	384	360	310	278	30	3	12-ø26

DN	15	20	25	32	40	50	65	80	100	125	150
Cv	2.8	5.5	8.1	12	17	28	45.5	60.1	93.3	146	186



All your process control needs

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