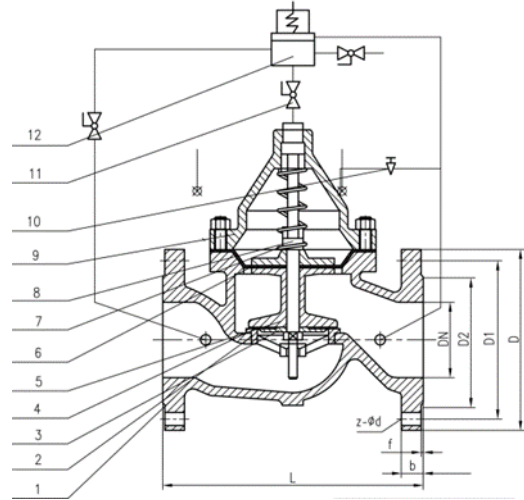


CAST STEEL PRESSURE RELIFT VALVE PN25

Model: 500X-25Q



STANDARD MATERIALS OF MAIN PARTS

ITEM	PART NAME	MATERIAL
1	BODY	WCB 1.0619
2	SEAT	2CR13
3	GLAND	25
4	SEAL RING	NBR
5	DISC	GGG40
6	DIAPHRAGM	NYLON
7	SPRING	SS304
8	STEM	2CR13
9	BONNET	WCB 1.0619
10	NEEDLE VALVE	SS304
11	BALL VALVE	SS304
12	PILOT VALVE	SS304

1: Accurate pressure control
2: Optional check feature
3: Fast open to prevent damage
4: Slow close to avoid harmful water hammer
5: Automatic operation
The pressure relift & sustaining valve is hydraulically operated pilot – controlled
Modulating valve designed to maintain constant upstream pressure. This valve can be used for pressure relift, pressure sustaining, back pressure, or unloading function in a by-pass system
The valve is actuated by line pressure through a pilot control system, opening fast to maintain steady line pressure but closing gradually to prevent surges. Operation is completely automatic and pressure settings may be easily changed

TECHNICAL DATA

SPECIFICATION STANDARDS

Design according to: DIN3356
Face to face Dimension: DIN3302
Flange end standard: DIN2543 PN16
Inspection and testing standard: DIN3230
Nominal pressure: 2.5 MPa
Test pressure shell: 3.75 MPa
Test pressure seal: 2.75 MPa
Working temprature: Max 80°C
Applicable medium: Water

DIMENSION (mm)

DN	L	D	D1	D2	b	f	Z-Ød
DN50	203	165	125	102	20	3	4-Ø18
DN65	216	185	145	122	20	3	8-Ø18
DN80	241	200	160	138	20	3	8-Ø18
DN100	292	220	180	158	20	3	8-Ø22
DN125	330	250	210	188	22	3	8-Ø26
DN150	356	285	240	212	22	3	8-Ø26
DN200	380	340	295	268	24	3	12-Ø26
DN250	400	405	355	320	26	3	12-Ø30
DN300	500	460	410	378	28	4	16-Ø30