

PRESSURE REDUCING VALVE

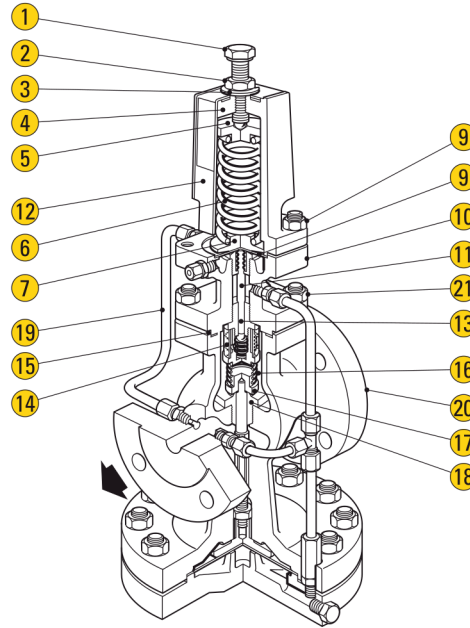
PILOT OPERATED

CAST STEEL



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VARIMEX valves[®]
CO. LTD.



APPLICATION

Suitable for water, steam, oil, gases and non-abrasive media
(Refer to corrosion resistance table for valve materials selection).

SPECIFICATION

Spring Range	1 to 160 Barg adjustable
Pressure Rating	240 Bar
Working Temperature	Up to 425°C
End Connection	Flanged end to ANSI 150, 300 and 600, PN16, PN40 and PN64

MATERIAL

Parts	Material		Parts	Material	
1 Adjustment Screw	Steel	BS 3692 Gr. 8.8	13 Pilot Valve and Seat Unit	S. Steel	BS 970 431 S29
2 Adjustment lock-nut	Steel	BS 3692 Gr. 8	14 Internal Strainer	S. Steel	BS 1449 304 S16
3 Washer	S. Steel	BS 1449 304 S16	15 Body Gasket	Stainless Steel Reinforced Exfoliated Graphite	
4 Spring Housing	Cast Steel	DIN 17245 GS C25	16 Main Valve Return Spring	S. Steel	BS 2056 302 S16
5 Top Spring Plate	S. Steel	BS 970 220 Mo7	17 Main Valve	S. Steel	BS 970 431 S29
6 Pressure Adjustment Spring	S. Steel	BS 2056 302 S25	18 Main Valve Seat	S. Steel	BS 970 431 S29
7 Bottom Spring Plate	Steel	BS 970 220 Mo7	19 Balance Pipe Assembly	S. Steel	BS 3605 304 S14
8 Spring Housing	Securing Nuts	Steel	20 Main Valve Body	Cast Steel	DIN 17245 GS C25
9 Pilot Diaphragm		S. Steel	21 Pilot Valve Housing	Securing Nuts	Steel
10 Pilot Valve Housing	Steel			Securing Studs	Steel
11 Pilot Valve Plunger	S. Steel	BS 970 431 S29			BS 3692 Gr. 8
12 Spring Housing Cover	S. Steel	BS 1449 304 S12			BS 4439 Gr. 8.8

DIMENSIONS

Unit : mm

Size (DN)	External Dimension						
	L			H	H1	H	H1
	PN 16/25 ANSI 150	PN 40 ANSI 300	PN 64 ANSI 600	PN 16/25/40 ANSI 150/300		PN 64 ANSI 600	
15	160	180	180	295	90	305	100
20	160	180	180	330	98	340	105
25	180	200	200	330	110	340	120
32	200	220	220	330	110	340	120
40	220	240	240	345	125	355	135
50	250	270	270	345	125	355	135
65	280	300	300	350	130	360	140
80	310	330	330	385	160	395	170
100	350	380	380	385	170	400	185
125	400	450	450	400	200	415	215
150	450	500	500	415	210	430	225
200	500	550	550	475	240	495	260
250		650		525	290	545	310
300		800		580	335	600	355

*Specification given are subject to changed without further notice.