

Fig. 4993G Steel Fully-lugged Double Regulating Valve

FEATURES AND BENEFITS

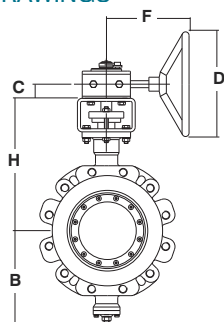
- Precise flow regulation
- Flanged with handwheel – easy to install and operate
- Positive flow control at all handwheel settings
- Bi-directional isolation
- Double eccentric disc



MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Body	Steel	10213-2 GP240GH	A216 WCB
Body Seat	Stainless Steel	10270 X10CrNr18-8	A276-304
Disc	Stainless Steel	10270 X10CrNr18-8	A276-304
Disc Seal Ring	PTFE or PTFE/Neoprene		
Retaining Ring	Stainless Steel	10270 X10CrNr18-8	A276-304
Stem	Stainless Steel	10270 X10CrNr18-8	A276-304
Disc Pin	Stainless Steel	10270 X10CrNr18-8	A276-304
Gland Packing	PTFE Graphite		
Bearings	Bronze-PTFE		
Gearbox	Cast Iron	1561 EN-JL1030	A126 Cl B
Handwheel	Steel		

DIMENSIONAL DRAWINGS

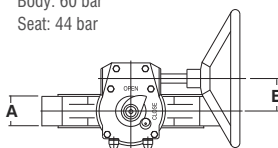


PRESSURE/TEMPERATURE RATING

40 bar from -10 to 90°C
20.7 bar at 149°C
3.4 bar at 204°C

TEST PRESSURES (HYDRAULIC)

Body: 60 bar
Seat: 44 bar

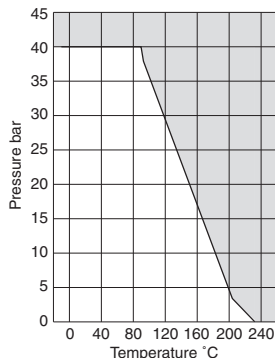


SPECIFICATION

Designed to BS EN 593:2009.
Face to face dimensions to BS EN 558-1 basic series 16.
Reinforced PTFE disc seal.
Stainless steel body seat.
Double eccentric disc.
Bi-directional isolation.
Valves fitted with double regulating feature.
Actuator flange ISO 5211/1.
To suit flange connections BS EN 1092-2 PN40, alternative flanges available.

DIMENSIONS AND WEIGHTS

Nom Size	mm	200	250	300	350	400	450	500
A	mm	89	114	114	127	140	152	152
B	mm	294	333	382	398	448	473	555
H	mm	369	396	461	477	557	583	643
C	mm	42	50	50	50	66	66	66
D dia	mm	300	457	457	610	610	610	610
E	mm	67	90	123	154	138	138	138
F	mm	223	279	331	356	477	477	477
Weight	kg	79	143	203	288	415	469	589



For Commissioning Valve Coefficients please refer to pages 47-49.

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