

Fig. 4993G Steel Fully-lugged Double Regulating Valve

FEATURES AND BENEFITS

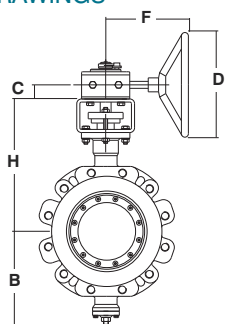
- Precise flow regulation
- Flanged with handwheel – easy to install and operate
- Positive flow control at all handwheel settings
- Bi-directional isolation
- Double eccentric disc



MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
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
Bottom Cap	Steel		
Gland Packing	PTFE Graphite		
Bearings	Bronze-PTFE		
Gearbox	Cast Iron	1561 EN-JLI030	A126 Cl B
Handwheel	Steel		
Body	Steel	10213-2 GP240GH	A216 WCB
Body Seat	Stainless Steel	10270 X10CrNr18-8	A276-304
Disc	Stainless Steel	10270 X10CrNr18-8	A276-304

DIMENSIONAL DRAWINGS

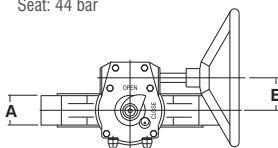


PRESSURE/ TEMPERATURE RATING

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

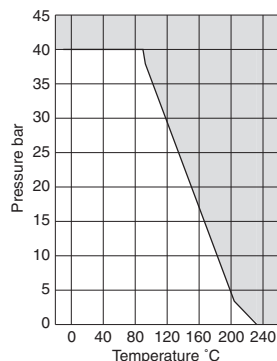


SPECIFICATION

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	50	65	80	100	125	150
A	mm	43	46	64	64	70	76
B	mm	123	131	150	175	187	218
H	mm	215	215	220	281	294	317
C	mm	27	27	27	35	35	42
D dia	mm	125	200	200	250	300	300
E	mm	39	39	39	52	52	67
F	mm	152	159	159	184	197	223
Weight	kg	10	12	17	24	33	47



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

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