

Fig. M653 Cast Iron with Lever and Weight



FEATURES & BENEFITS

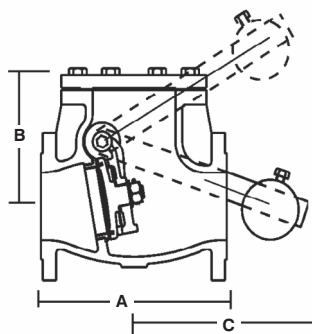
- Lever and weight offers the ability to alter the flow resistance
- Bolted cover
- Suitable for mounting in horizontal and vertical pipelines
- Flanged to BS EN 1092-2



MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Cover	Cast Iron	1561 EN-JLI030	A126 Cl B
Cover Gasket	Asbestos Free	-	-
Hinge Pin Plug	Stainless Steel	10270 X10CrNi18-8	A276-304
Hinge	Ductile Iron	1561 EN JS1050	-
Gland Packing	Asbestos Free	-	-
Disc	Cast Iron	1561 EN-JLI030	A126 Cl B
Disc Face Ring	Bronze	-	-
Body Ring	Bronze	-	-
Body	Cast Iron	1561 EN-JLI030	A126 Cl B
Counter Weight	Cast Iron	1561 EN-JLI030	A126 Cl B
Operating Shaft	Stainless Steel	10088-1 X2 CrNiNo17-12-2	A276-316L
Operating Lever	Stainless Steel	10270 X10CrNi18-8	A276-304
Spring	Stainless Steel	10270 X10CrNi18-8	A276-304

DIMENSIONAL DRAWING



DIMENSIONS & WEIGHTS

Nom Size	mm	50	65	80	100	125	150	200	250	300
A	mm	203	216	241	292	330	356	495	622	699
B	mm	121	135	141	168	182	215	267	305	343
C	mm	200	200	215	250	300	290	580	730	720
Weight	kg	21	27	33	45	66	86	152	244	320

PRESSURE/TEMPERATURE RATING

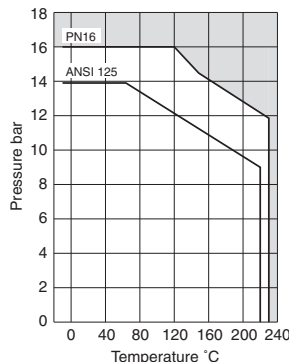
BS EN 12334:2001 PN16
16 bar from -10 to 120°C
BS 5153 ANSI
11.8 bar at 230°C
9 bar at 218°C
13.8 bar from -10 to 66°C

TEST PRESSURES

PN16
Shell: 24 bar
Seat: 17.6 bar
Class 125
Shell: 24.1 bar
Seat: 13.8 bar

SPECIFICATION

Flanged to BS EN 1092-2 PN16 and bolted cover
Outside lever and adjustable weight.
If valve Fig. number M653 is to be used in a vertical pipeline this must meet ANSI B16.1 Class 125. Copper alloy trim.
Suitable for mounting in horizontal and vertical pipelines (with vertical flow upwards).
BS EN 12334:2001 PN16.
be stated on order so that the lever and weight assembly can be positioned accordingly.



Every effort has been made to ensure that the information contained in this publication is accurate at the time of publishing. Hattersley Ltd assumes no responsibility or liability for typographical errors or omissions or for any misinterpretation of the information within the publication and reserves the right to change without notice.