



Check Valve - Flanged

The W-M Flanged Check Valve is designed for use in drinking water, sewage, and fire protection systems as well as irrigation and back-flow control systems. The valve is of simple yet effective design and durable.

The valve features a compact ductile iron body and bonnet. The disc is made of ductile iron and an o-ring forms the seal between body and disc. The valve is rated for 16 bar.



Size range : DN 50 – 400
Flange suitability : PN 10/16
Pressure rating : 16 bar

Dimensions & Materials

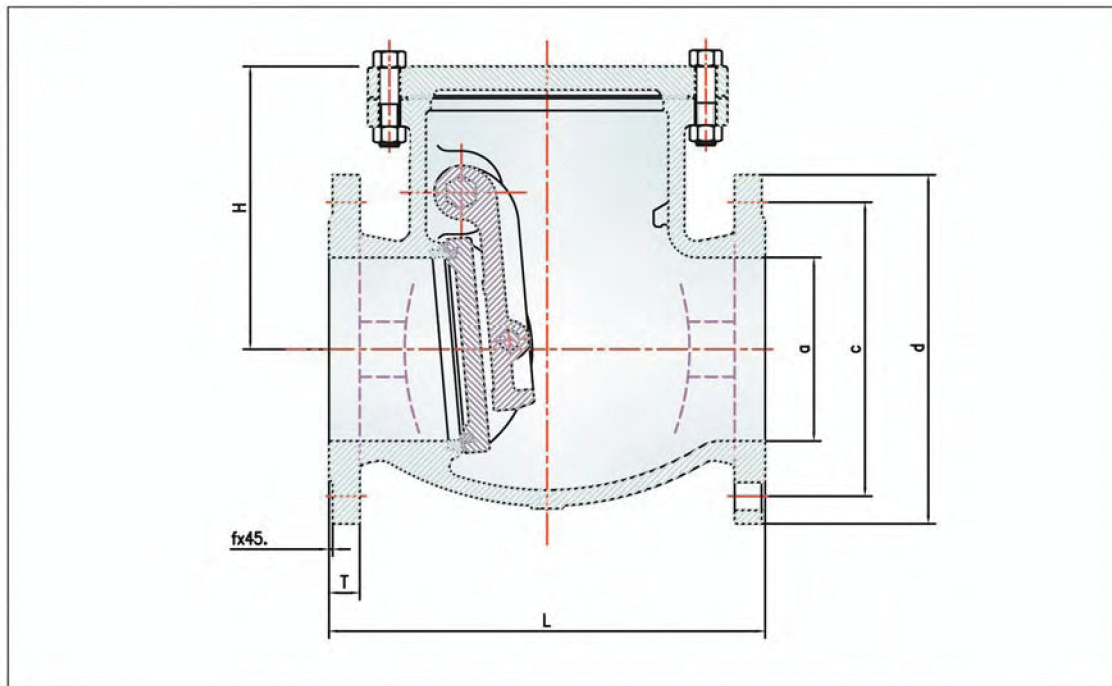
Specifications

Description	Remark
Design	BS 5153
Face to Face	BS 5153
Flange drilling	BS4504 PN 10 or PN16
Rating	16 bar
Shell hydrotest	24.0 bar
Seat hydrotest	17.6 bar

Standard Materials of Main Parts

Item	Part	Material	Grade
1	Body	Ductile Iron	GGG50**
2	Disc	Ductile Iron	GGG50**
3	Hinge	Stainless Steel	410
4	Seat	Brass ring	
5	Spring	Stainless Steel	304

** Polyurethane coated



All dimensions in 'mm' unless otherwise specified		Flange drilling available to BS4504 PN10 or PN16 (please specify)										
SIZE	mm	50	65	80	100	125	150	200	250	300	350	400
SIZE	inch	2	2.5	3	4	5	6	8	10	12	14	16
a	mm	50	65	80	100	125	150	200	250	300	350	400
d	mm	165	185	200	220	250	285	340	405	460	520	580
f	mm	3	3	3	3	3	3	3	3	4	4	4
H	mm	135	148	178	195	210	250	300	335	365	415	455
L	mm	203	216	241	292	330	356	495	622	698	787	914
T	mm	20	20	22	24	26	26	30	32	32	36	38
c = PCD PN 10 drilling	mm	125	145	160	180	210	240	295	350	400	460	515
c = PCD PN 16 drilling	mm	125	145	160	180	210	240	295	355	410	470	525
flange bolt holes	#for PN10	4	4	8	8	8	8	8	12	12	16	16
flange bolt holes	#for PN16	4	4	8	8	8	8	12	12	12	16	16
weight	kgs	14	17	25	32	51	70	120	177	262	428	595