HC-90911

Swing Check Valve ***PN16***

Feature & Benefits

- Cast Iron with integral flanges
- Horizontal or vertical fixing
- Ductile iron bonnet
- Cast Iron/Ductile iron body
- WRAS approved Non- Metal parts
- WRAS approved coating



Test Pressure & Temperature

Temperature	Hydraulic
0°C to 120°C	Shell: 24 bar
	Seat: 17.6 bar

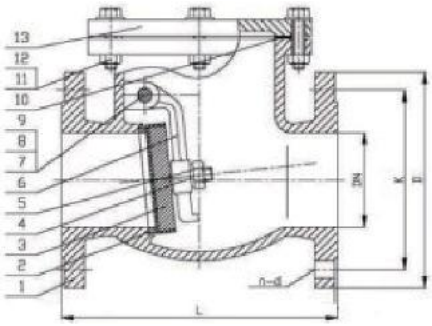
Connection Standard

- Face to face dimention to BS EN 558-1
- Flanged to EN 1092-2
- Tests to EN 12334

Material

NO.	Part Name	Material	Standard
1	Body	GGG50	DIN1691/DIN1693
2	Seat Ring	Brass/Bronze	EN12167
3	Disc Ring	Brass/Bronze	EN12167
4	Washer	Carbon Steel	EN10083-2/ASTM A29
5	Locking Nut	Carbon Steel	EN10083-2/ASTM A29
6	Arm	Ductile Iron	DIN1693/BS EN1563
7	Hing Pin	Stainless Steel	EN10088-1/ASTM A959
8	Plug	Carbon Steel	EN10083-2/ASTM A29
9	Gasket	Nylon	
10	Gasket	NBR	ISO4633
11	Bolt	Carbon Steel	EN10083-2/ASTM A29
12	Nut	Carbon Steel	EN10083-2/ASTM A29
13	Bonnet	Ductile Iron	DIN1691/BS EN1561

Dimensional Drawing



Dimensions

DN	OUTLINE mm			END FLANGE PN10/PN16-CL125/150 mm								
	BS 5153	ASME B16.10	DIN -F6	EN1092-2			ASME B16.1/B16.42			AS4087		
	L			D	K	n-d	D	K	n-d	D	K	n-d
40	165	165	180	150	110	4-Φ16	127	98.5	4-Φ16	-	-	-
50	203	203	200	165	125	4-Φ19	152	120.5	4-Φ19	-	-	-
65	216	216	240	185	145	4-Φ19	178	139.5	4-Φ19	-	-	-
80	241	241	260	200	160	4-Φ19	191	152.5	4-Φ19	185	146	4-Φ18
100	292	292	300	220	180	8-Φ19	229	190.5	8-Φ19	215	178	4-Φ18
125	330	330	350	250	210	8-Φ19	254	216	8-Φ22	-	-	-
150	356	356	400	285	240	8-Φ23	279	241.5	8-Φ22	280	235	8-Φ18
200	495	495	500	340	295	8-Φ23/12-Φ23	343	298.5	8-Φ22	335	292	8-Φ18
250	622	622	600	395/405	350/355	12-Φ23/12-Φ28	406	362	12-Φ25	405	356	8-Φ22
300	698	699	700	445/460	400/410	12-Φ23/12-Φ28	483	432	12-Φ25	455	406	12-Φ22
350	787	787	800	505/520	460/470	16-Φ23/16-Φ28	533	476	12-Φ28	525	470	12-Φ26
400	914	914	900	565/580	515/525	16-Φ28/16-Φ31	597	540	16-Φ28	580	521	12-Φ26
450	965	965	1000	615/640	565/585	20-Φ28/20-Φ31	635	578	16-Φ32	640	584	12-Φ26
500	1067	1067	1100	670/715	620/650	20-Φ28/20-Φ34	699	635	20-Φ32	705	641	16-Φ26
600	1219	1219	1300	780/840	725/770	20-Φ31/20-Φ37	813	749	20-Φ35	825	756	16-Φ30