

SWING CHECK VALVE FLANGED END

APPLICATION:

Water and sewage hydraulic installations, heating.

GENERAL CHARACTERISTICS:

Epoxy paint 250 Mic

Working temperature -10°C to 120°C

Full Bore

Optional Lever&Weight and hydraulic dumper

Brass seat, others materials be able (Bronze, aisi304)



STANDARDS:

Manufacture according to ISO 9001 2008.

Face to Face: EN 558-1 Series 48.

Mounting with flanges: PN10 / PN16 EN 1092-2.

Pressure Test: EN 12266-1 Rate A.

Body: 24 bar. Asiento / Seat: 17,6 bar. Pressure: Cat. III mod. H.

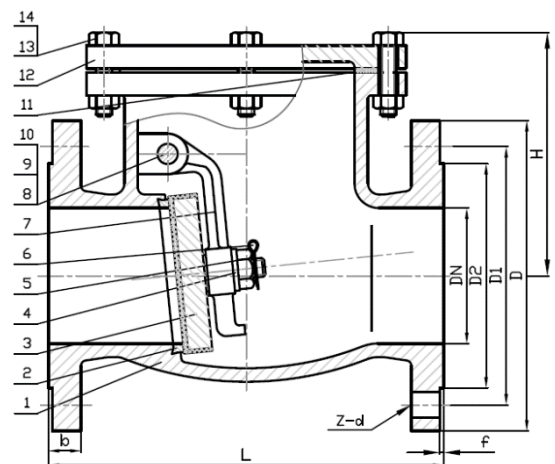
WORKING CONDITIONS:

Maximum Working Pressure: 16 bar.

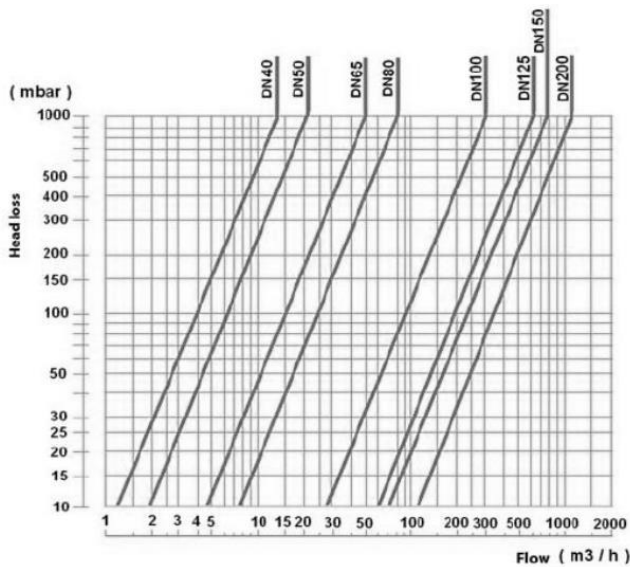
Metal Seat Working Temperature: -10 °C / + 120 °C.

Maximum Fluid Speed: 3,2 M/s.

Nº	PART NAME	MATERIAL	STANDARD
1	BODY	DUCTILE IRON	GJS500
2	BODY SEAT RING	BRASS	
3	DISC	DUCTILE IRON/EPDM	GJ500/BS2494
4	WASHER	S. STEEL	A2
5	NUT	S. STEEL	A2
6	COTTER PIN	S. STEEL	A2
7	ARM	DUCTILE IRON	GJS500
8	HING PIN	S. STEEL	AISI420
9	PLUG	S. STEEL	A2
10	MINIPAD	TFL	
11	GASKET	EPDM	BS2494
12	BONNET	DUCTILE IRON	GJS500
13	BOLT	S. STEEL	A2
14	NUT	S. STEEL	A2



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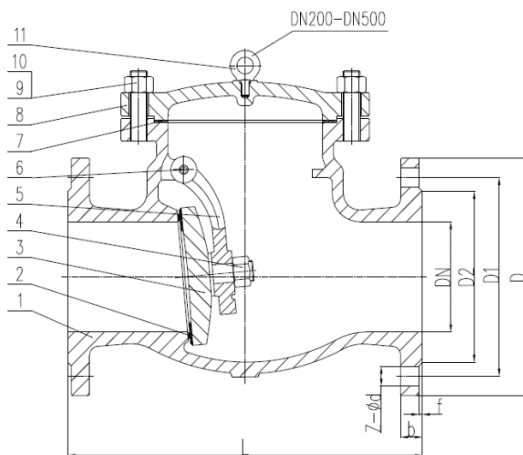
DN	D Ø	D1 Ø	D2 Ø	L	b	f	Z-d (pn16)	H
40	150	110	84	180	18	3	4-Ø19	120
50	165	125	99	200	20	3	4-Ø19	137
65	185	145	118	240	20	3	4-Ø19	147
80	200	160	132	260	22	3	8-Ø19	159
100	220	180	156	300	24	3	8-Ø19	180
125	250	210	184	350	26	3	8-Ø19	203
150	285	240	211	400	26	3	8-Ø23	223
200	340	295	266	500	30	3	12-Ø23	258
250	405	355	319	600	32	3	12-Ø28	290
300	460	410	370	700	32	4	12-Ø28	325
350	520	470	429	800	36	4	16-Ø23	361
400	580	525	480	900	38	4	16-Ø31	388
450	640	585	548	1000	40	4	20-Ø31	450
500	715	650	609	1100	42	4	20-Ø34	518
600	840	770	720	1300	48	5	20-Ø37	620
800	1025	950	901	1700	58	5	24-Ø40	763
900	1125	1050	1001	1900	62	5	28-Ø40	960

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PN25

Liquid painting for Industrial applications

Body in WCB.



No.	Part	Material	No.	Part	Material
1	Body	ASTM A216 WCB	7	Gasket	Graphite+304
2	Sealing Surface	13Cr	8	Bonnet	ASTM A216 WCB
3	Disc	A216 WCB+13Cr	9	Bolt	ASTM A193 B7
4	Nut	ASTM A194 2H	10	Nut	ASTM A194 2H
5	Arm	ASTM A216 WCB	11	Eyebolt	ASTM A181
6	Pin	ASTM A182 F6a			

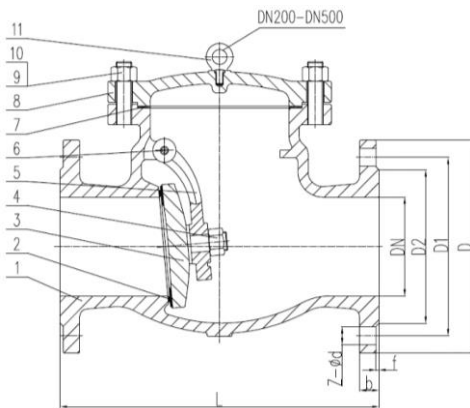
DN	D	D1	D2	Z-φd	b	f	L
40	150	110	88	4-f18	18	3	200
50	165	125	102	4-f18	20	3	230
65	185	145	122	8-f18	22	3	290
80	200	160	138	8-f18	24	3	310
100	235	190	162	8-f22	24	3	350
125	270	220	188	8-f26	26	3	400
150	300	250	218	8-f26	28	3	480
200	360	310	278	12-f26	30	3	550
250	425	370	335	12-f30	32	3	650
300	485	430	395	16-f30	34	4	750
350	555	490	450	16-f33	38	4	850
400	620	550	505	16-f36	40	4	950
450	670	600	555	20-f36	46	4	1050
500	730	660	615	20-f36	48	4	1150

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PN40

Liquid painting for Industrial applications

Body in WCB.



No.	Part	Material	No.	Part	Material
1	Body	ASTM A216 WCB	7	Gasket	Graphite+304
2	Sealing Surface	13Cr	8	Bonnet	ASTM A216 WCB
3	Disc	A216 WCB+13Cr	9	Bolt	ASTM A193 B7
4	Nut	ASTM A194 2H	10	Nut	ASTM A194 2H
5	Arm	ASTM A216 WCB	11	Eyebolt	ASTM A181
6	Pin	ASTM A182 F6a			

DN	D	D1	D2	Z-φd	b	f	L
40	150	110	88	4-18	18	3	200
50	135	125	102	4-18	20	3	230
65	185	145	122	8-18	22	3	290
80	200	160	138	8-18	24	3	310
100	235	190	162	8-22	24	3	350
125	270	220	188	8-26	26	3	400
150	300	250	218	8-26	28	3	480
200	375	320	285	12-30	30	3	550
250	450	385	345	12-33	32	3	650
300	515	450	410	16-33	34	4	750
350	580	510	465	16-36	38	4	850
400	660	585	535	16-39	40	4	950
450	685	610	560	20-39	46	4	1050
500	755	670	615	20-42	48	4	1150