



Check Valves

Issue 03



It's all at Albion

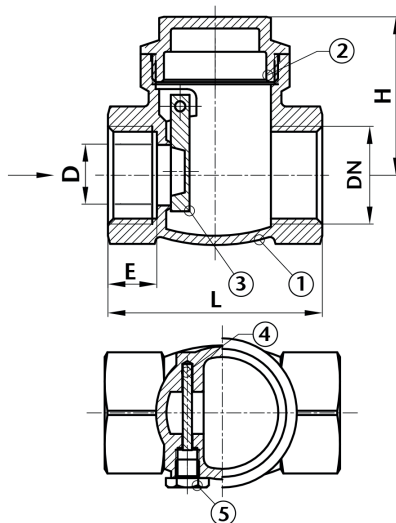
ART 84M

PN20 Brass Swing Check Valve



Features

- Screwed BSP Parallel (ISO 228/1)
- Brass body
- Metal seat



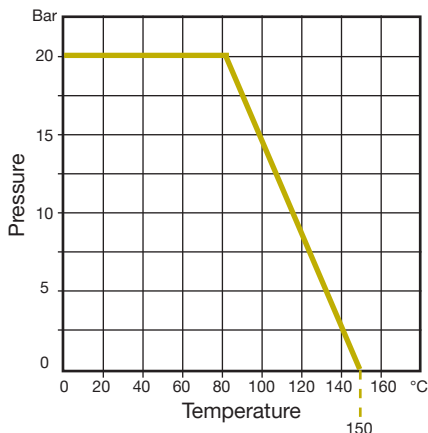
Technical data

Max pressure: 20 Bar

Working temp: 0°C to +150°C

DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
L	46	56	63.5	67.5	82	94	105	126.5	159
H	34	37.5	44.5	50	56.5	65.5	77	82	103
E	10.5	13.5	14.5	14	17	19	21	23.5	27.5
D	13	18	22	29	33	42.5	50	62	83
Kv	6.4	10.0	16.9	30.5	43.0	60.0	68.0	82.0	121.0
Kgs	0.15	0.22	0.34	0.54	0.74	1.13	1.83	2.53	5.05

N.	Part Name	Materials
1	Body	Brass CW617N
2	Bonnet	Brass CW617N
3	Disc	Brass CW617N
4	Pin	Stainless Steel 304
5	Plug	Brass CW617N



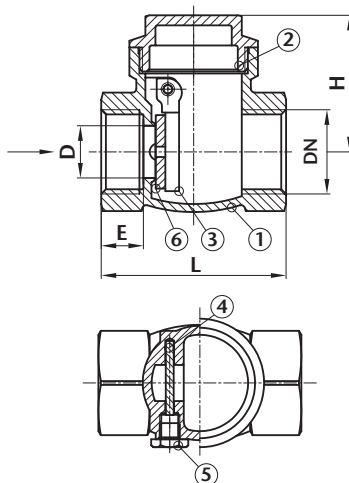
ART 84R

PN20 Brass Swing Check Valve



Features

- Screwed BSP Parallel (ISO 228/1)
- Brass body
- NBR rubber seat



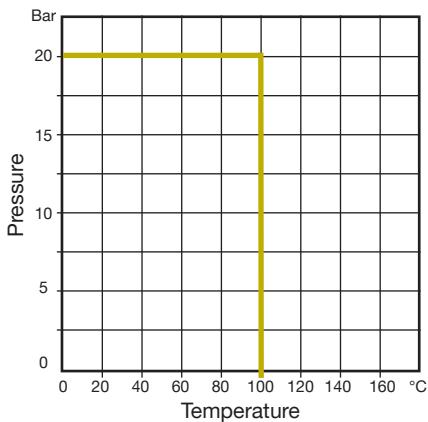
Technical data

Max pressure: 20 Bar

Working temp: 0°C to +100°C

DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
L	46	56	63.5	67.5	82	94	105	126.5	159
H	34	37.5	44.5	50	56.5	65.5	77	82	103
E	10.5	13.5	14.5	14	17	19	21	23.5	27.5
D	13	18	22	29	33	42.5	50	62	83
Kv	6.4	10.0	16.9	30.5	43.0	60.0	68.0	82.0	121.0
Kgs	0.15	0.22	0.34	0.54	0.74	1.13	1.83	2.53	5.05

N.	Part Name	Materials
1	Body	Brass CW617N
2	Bonnet	Brass CW617N
3	Disc	Brass CW617N
4	Pin	Stainless Steel 304
5	Plug	Brass CW617N
6	Sealing Ring	NBR



ART 66

PN20 Brass Spring Check Valve



Features

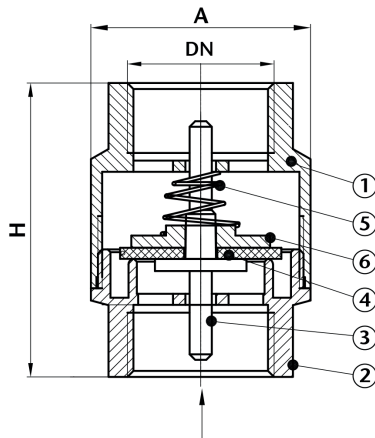
- Screwed BSP Parallel (ISO 228/1)
- Brass body
- Flat metal disc



Technical data

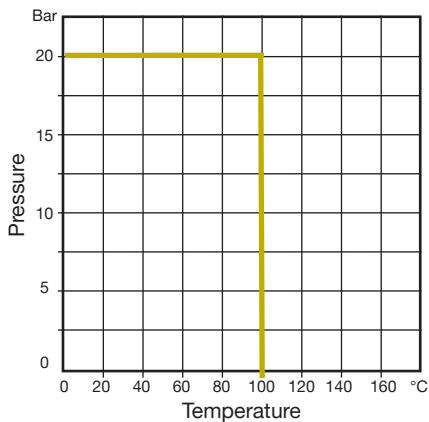
Max pressure: 20 Bar

Working temp: 0°C to +100°C



DN	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A	32.5	32.5	39	45	55.5	59.5	80	95	110	143
H	48.5	48.5	52.2	55.5	64	69	82	98.5	106	111
Kv	2.1	2.8	4.4	6.8	10.0	17.0	26.0	43.0	75.0	112.0
Kgs	0.16	0.14	0.20	0.26	0.45	0.63	0.82	1.47	1.98	3.40

N.	Part Name	Materials
1	Body	Brass CW617N
2	Bonnet	Brass CW617N
3	Disc Holder	Brass CW617N
4	Disc	NBR
5	Spring	Stainless Steel 304
6	Spring Holder	Brass



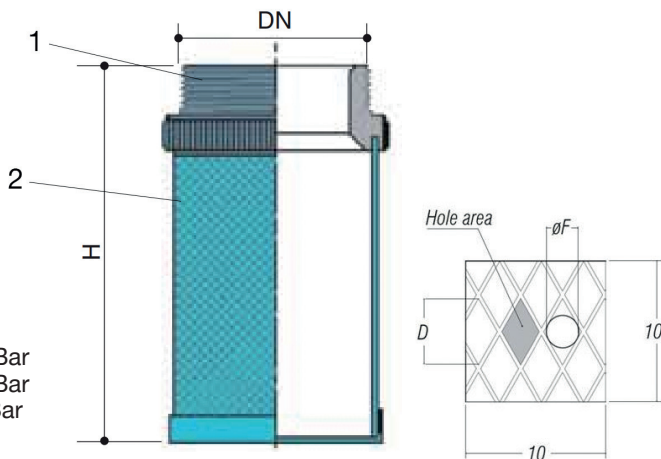
ART 98

Stainless Steel Mesh Filter



Features

- To suit ART 66



Technical data

Max pressure: $\frac{1}{2}$ " - 1" 16 Bar
 $1\frac{1}{4}$ " - 2" 10 Bar
 $2\frac{1}{2}$ " - 4" 8 Bar

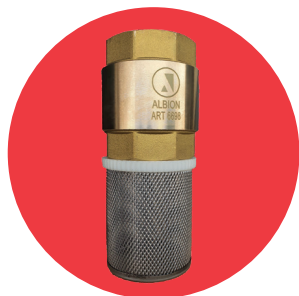
Working temp: 0°C to +90°C

DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
H	57	56	59	67	68	89	97	107	119
nr.holes/cm ²	24	24	24	24	24	24	24	24	24
Hole area	1.1 ²	1.1 ²	1.1 ²	1.1 ²	1.1 ²	1.1 ²	1.1 ²	1.1 ²	1.1 ²
D	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
ØF	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
Kgs	0.03	0.04	0.07	0.09	0.10	0.20	0.23	0.32	0.49

N.	Part Name	Materials
1	Mesh Filter	Stainless Steel AISI 304
2	Connection	Nylon

ART 6698

Foot Valve



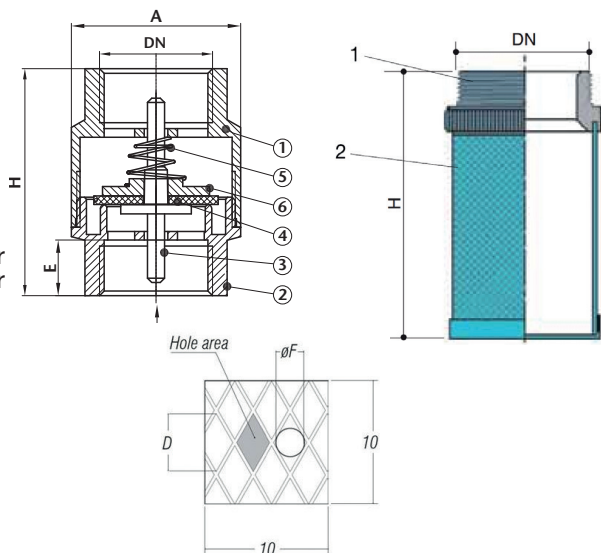
Features

- PN20 Brass Spring Check Valve with Stainless Steel Mesh Filter
- Screwed BSP Parallel (ISO 228/1)
- Check Valve has Brass Body and Brass Disc

Technical data

Max pressure: $\frac{1}{2}$ " - 1" 16 Bar
 $1\frac{1}{4}$ " - 2" 10 Bar
 $2\frac{1}{2}$ " - 4" 8 Bar

Working temp: 0°C to +90°C



Check Valve	DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
	A	33	39	45	55	60	79	95	110	143
	H	47	49	58	65	70	83	100	107	111
	E	12	14	14.5	14.5	16	18.5	22	24	24
	Kgs	0.13	0.18	0.26	0.40	0.59	0.84	1.50	1.92	3.05

Mesh Filter	DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
	H	57	56	59	67	68	89	97	107	119
	nr.holes/cm ²	24	24	24	24	24	24	24	24	24
	Hole area	1.1 ²	1.1 ²	1.1 ²	1.1 ²	1.1 ²	1.1 ²	1.1 ²	1.1 ²	1.1 ²
	D	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	ØF	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
	Kgs	0.03	0.04	0.07	0.09	0.10	0.20	0.23	0.32	0.49

Check Valve

N.	Part Name	Materials
1	Body	Brass CW617N
2	Bonnet	Brass CW617N
3	Disc Holder	Brass CW617N
4	Disc	Brass / NBR
5	Spring	Stainless Steel 304
6	Spring Holder	Brass CW617N

Mesh Filter

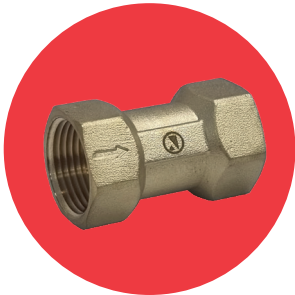
N.	Part Name	Materials
1	Mesh Filter	Stainless Steel AISI 304
2	Connection	Nylon

V1. Dimensions in mm

This data sheet is designed as a guide and should not be regarded as wholly accurate in every detail. We reserve the right to amend the specification of any product without notice.

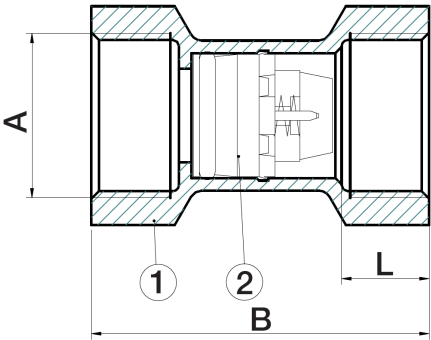
ART 38

DZR Brass Single Check Valve



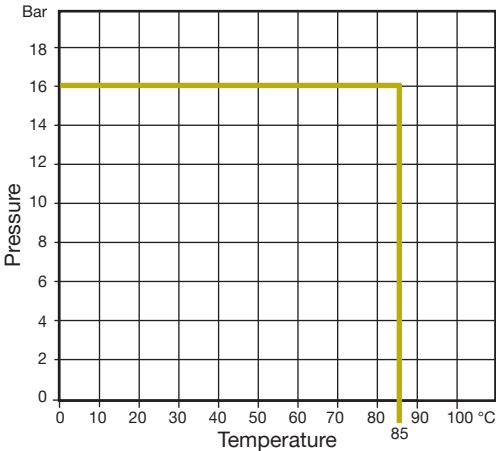
Technical data
 Max pressure: 16 Bar
 Max Working temp: 85°C

- Features*
- Screwed F/F BSP Parallel (ISO 228/1) ends
 - Conforms with EN13959
 - Prevention of back flow and back syphonage contamination
 - Suitable for Fluid Categories 1 & 2



DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
B	46.0	54.0	63.5	75.5	82.5	105.5
L	13.5	14.0	16.0	18.5	18.5	23.0
Kgs	0.08	0.12	0.20	0.33	0.43	0.83

N.	Part Name	Materials
1	Body	DZR Brass
2	Non-Return Core	POM



V1. Dimensions in mm
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ART 39

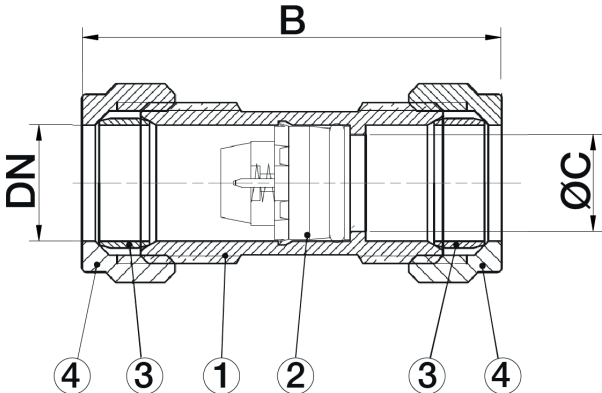
DZR Brass Single Check Valve



Technical data
 Max pressure: 10 Bar
 Max Working temp: 85°C

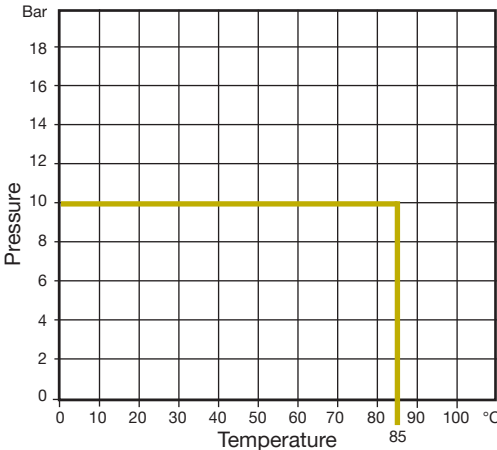
Features

- Compression ends (EN1254-2)
- Conforms with EN13959
- Prevention of back flow and back syphonage contamination
- Suitable for Fluid Categories 1 & 2



DN	15	22	28
B	54.0	64.5	77.5
C	12.5	15.0	18.0
Kgs	0.08	0.13	0.19

N.	Part Name	Materials
1	Body	DZR Brass
2	Non-Return Core	POM
3	Olive	T2 Copper
4	Compression Nut	Brass HPb59-T



V3. Dimensions in mm
 This data sheet is designed as a guide and should not be regarded as wholly accurate in every detail. We reserve the right to amend the specification of any product without notice.

ART 36

DZR Brass Double Check Valve



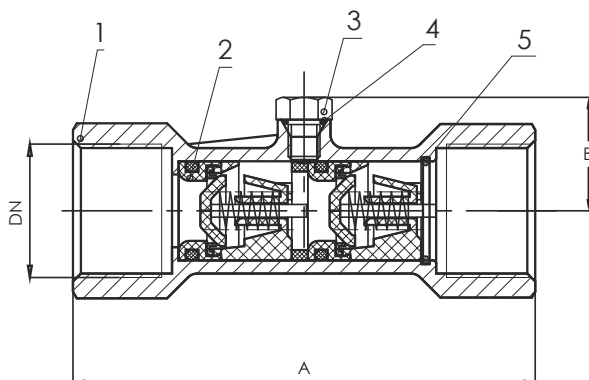
Technical data

Max pressure: 16 Bar

Working temp: -10°C to 85°C

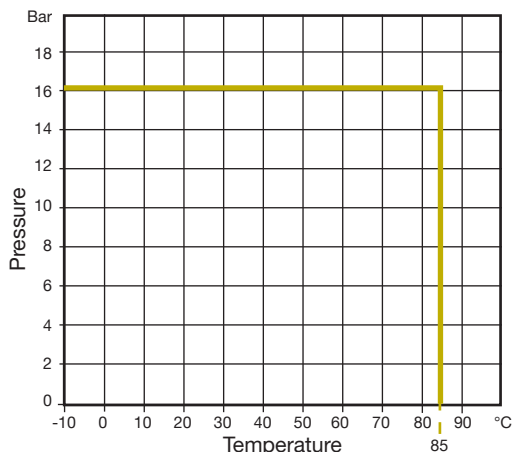
Features

- Screwed F/F BSP Parallel (ISO 228/1) ends
- Conforms with EN13959
- Prevention of back flow and back syphonage contamination
- Suitable for Fluid Categories 1, 2 & 3



DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
A	71	83	98	118	134	173
B	17.5	20	22.8	26	30	35
Kv	3.7	7.1	10.3	17.5	26.0	42.5
Kgs	0.11	0.17	0.28	0.45	0.64	1.19

N.	Part Name	Materials
1	Body	DZR Brass
2	Non-return core	POM
3	Screw	Brass HPb59-T
4	O-Ring	NBR
5	Catch Spring	Stainless Steel 304



V2 Dimensions in mm

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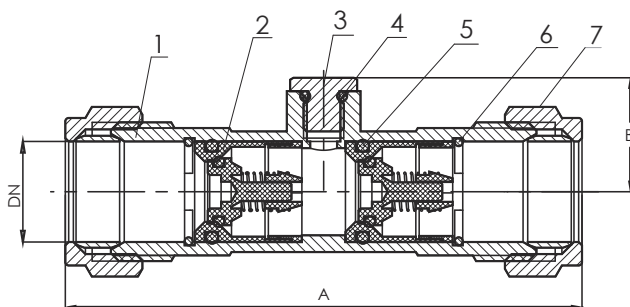
ART 37

DZR Brass Double Check Valve



Features

- Compression ends
- Conforms with EN13959
- Prevention of back flow and back syphonage contamination
- Suitable for Fluid Categories 1, 2 & 3



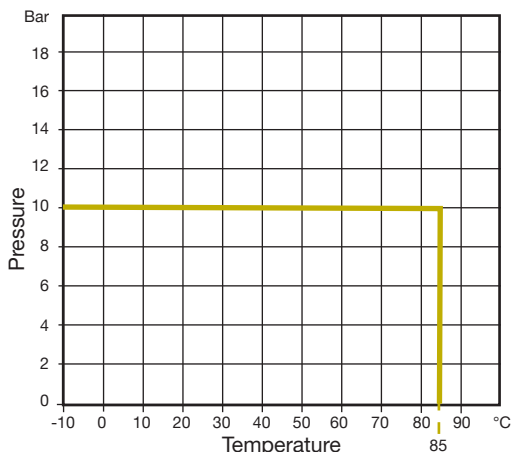
Technical data

Max pressure: 10 Bar

Working temp: -10°C to 85°C

DN	15	22	28
A	79	100	112
B	16	18.5	21
Kv	3.7	7.1	10.3
Kgs	0.10	0.19	0.30

N.	Part Name	Materials
1	Body	DZR Brass
2	Non-return core	POM
3	Screw	Brass HPb59-T
4	O-Ring	NBR
5	Catch Spring	Stainless Steel 304
6	Compression Nut	Brass HPb59-T
7	Olive	Copper T2



V2 Dimensions in mm

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ART 236

PN16 Ductile Iron Flanged Double Check Valve



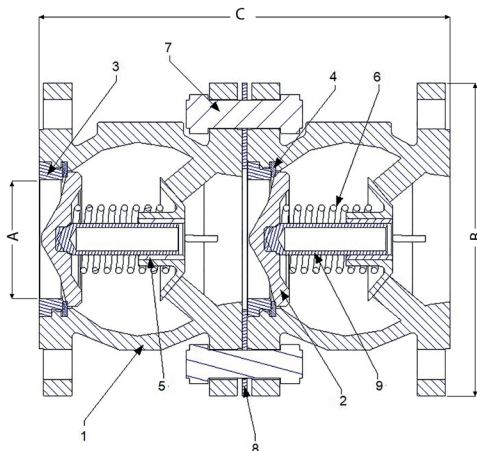
Features

- Flange mounting PN16 only (EN1092-2)
- Operates in any position
- Epoxy coat finish
- WRAS Approved as a non-return valve



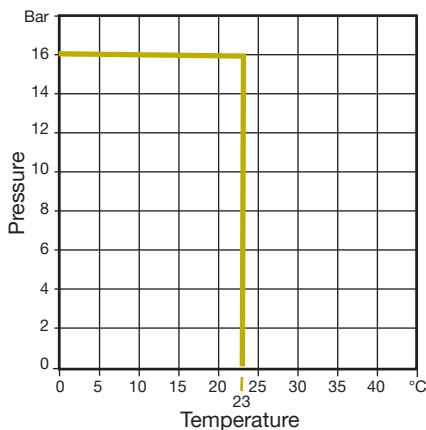
Technical data

Max pressure: 16 Bar
Working temp: -10°C to +23°C



DN	50	65	80	100	125	150
A	50	65	80	100	125	150
B	165	185	200	220	250	285
C	205	245	265	315	405	465
Kv	72	135	185	340	515	725
Kgs	12	16.2	17.2	25.0	40.0	60.0

N.	Part Name	Materials
1	Body	Ductile Iron SG 420/12
2	Plunger Top	Delrin 150
3	Sealing Ring	Delrin 150
4	Seal	Nitrile 70 Shore
5	Guide Bush	Cz132 DZR Brass
6	Spring	Stainless Steel Grade 304 S26
7	Studs	Mild Steel (Plated)
8	Gasket	Nitrile 70 Shore
9	Plunger Shaft	Cz132 DZR Brass



V1. Dimensions in mm

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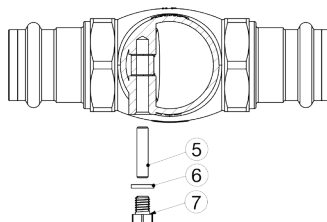
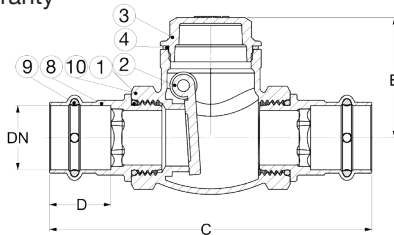
ART 194 PRS

PN16 Brass Swing Check Valve



Features

- Universal M & V Profile 15mm to 35mm
- Dedicated M Profile 42mm & 54mm
- 5 year warranty



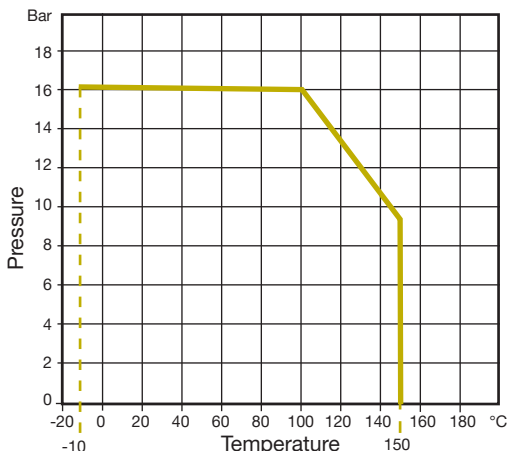
Technical data

Max pressure: 16 Bar

Working temp: -10°C to 150°C

DN	15	22	28	35	42	54
B	42.5	46	53	61	62.5	70
C	111	130	142	156	172	208
D	22	25	27	27	32	37
Kv	3.6	9.5	23	35	56	86
Kgs	0.32	0.48	0.74	1.04	1.25	2.07

N.	Part Name	Materials
1	Body	Brass CC754S
2	Swing Disc	Brass C754S
3	Plug	Brass C754S
4	Gasket	NA1100 Black
5	Pin	Brass C754S
6	Gasket	Vulkan
7	Screw	Brass C754S
8	Adaptor	DZR Brass CW511
9	O-Ring (Delta)	EPDM 70 PEROX
10	O-Ring	EPDM 70 PEROX



V1. Dimensions in mm

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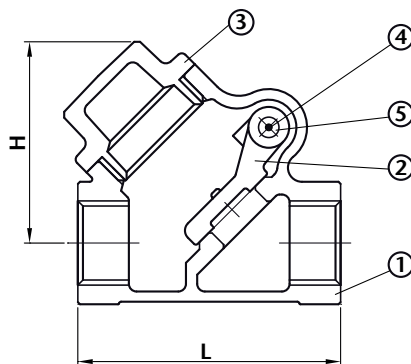
ART 384

PN20 Bronze Swing Check Valve



Features

- Available in Screwed BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1)
- BS 5154 (BS EN12288) / MSS-SP-80



Technical data

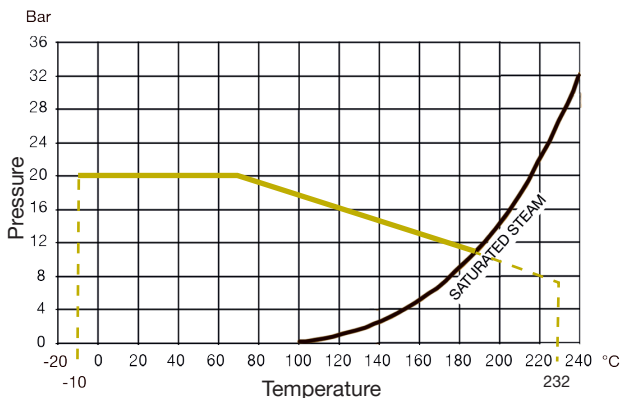
Max pressure: 20 Bar

Working temp: -10°C to +232°C

DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	56.0	70.5	80.0	96.5	110.0	129.0
H	42.5	51.0	58.0	68.0	78.0	96.0
Kv	5.0	9.2	15.0	29.1	38.3	66.6
Kgs	0.28	0.43	0.59	0.91	1.31	1.86

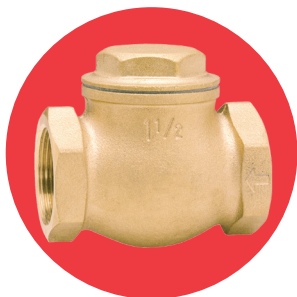
N. Part Name Materials

1	Body	Bronze ASTM B62 C83600
2	Disc	Bronze ASTM B62 C83600
3	Cap	Bronze ASTM B62 C83600
4	Hanger Pin	Brass ASTM B16 C36000
5	Plug	Brass ASTM B16 C36000



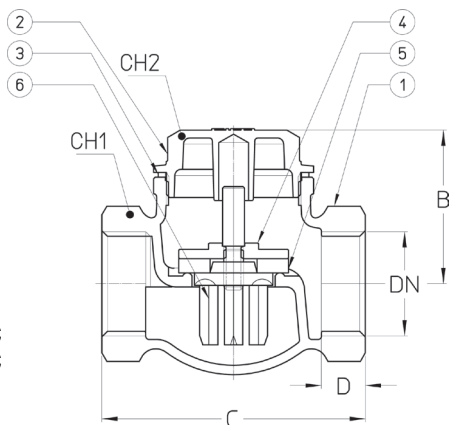
ART 380

Bronze Lift Check Valve



Features

- Screwed BSP Parallel (ISO 228/1)
- BS 5154 (BS EN12288)

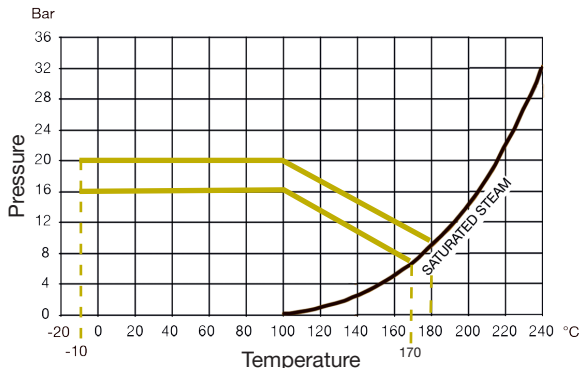


Technical data

Max pressure:	3/8" - 2"	20 Bar
	2 1/2" - 4"	16 Bar
Working temp:	3/8" - 2"	-10°C to +180°C
	2 1/2" - 4"	-10°C to +170°C

DN	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
B	32.5	35.5	40.0	49.0	55.5	60.5	71.5	73.5	88.0	110.0
C	58	60	70	84	92	107	126	135	148	190
D	11	12	12	14	17	18	19	23	22	23
CH1	25	29	35	44	52	59	72	88	100	129
CH2	22	22	28	37	40	48	55	65	75	85
Kv	1.2	1.7	4.4	8.0	10.0	14.0	23.0	51.0	72.0	108.0
Kgs	0.24	0.28	0.45	0.78	0.99	1.50	2.55	3.46	4.35	8.85

N.	Part Name	Materials
1	Body	Bronze CC491K
2	Bonnet	Brass CW617N
3	Body Packing	NA 1100
4	Disc Holder	Brass CW617N
5	Disc	PTFE
6	Guide	Brass CW617N



V1. Dimensions in mm

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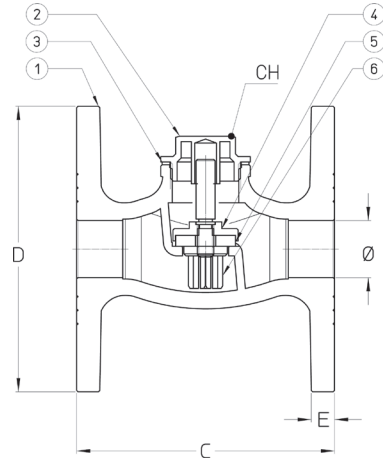
ART 360

PN16 Flanged Bronze Lift Check Valve



Features

- Flanged PN16
- BS 5154 (BS EN12288)



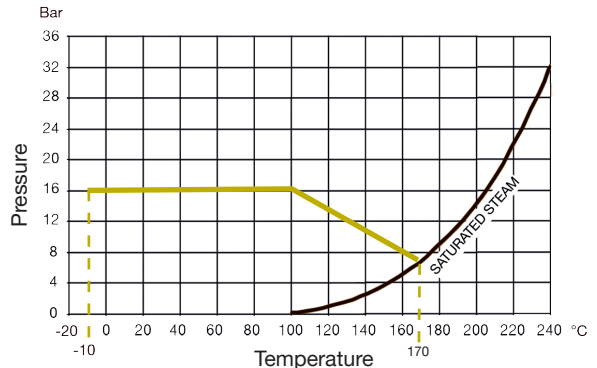
Technical data

Max pressure: 16 Bar

Working temp: -10°C to +170°C

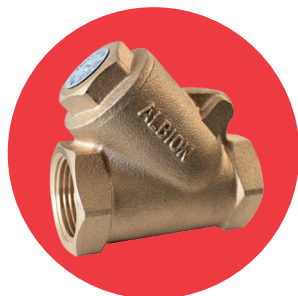
DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Ø	15	20	25	32	40	50	70	80	100
C	84	95	105	115	134	154	170	180	200
D (PN6)	70	85	100	110	120	140	185	200	230
D	95	105	120	140	150	165	185	200	230
E	8	8	9.5	9.5	11	11	12	13	17
CH	19	22	28	37	40	48	65	75	85
Kv	2.0	4.0	6.0	9.0	14.0	22.0	49.0	66.0	90.0
Kgs	1.12	1.65	2.33	3.45	4.43	5.75	8.05	10.27	16.14

N.	Part Name	Materials
1	Body	Bronze CC491K
2	Bonnet	Brass CW617N
3	Body Packing	NA 1100
4	Disc Holder	Brass CW617N
5	Disc	PTFE
6	Guide	Brass CW617N



ART 388

PN20 Bronze Check Valve

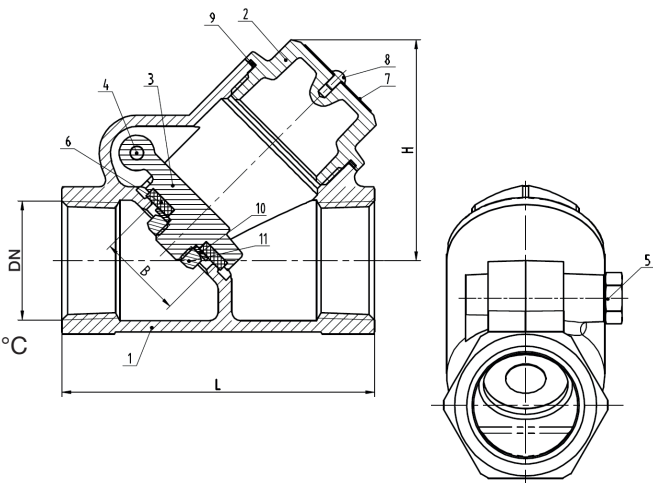


Technical data

Max pressure: 20 Bar
Working temp: -10°C to +150°C

Features

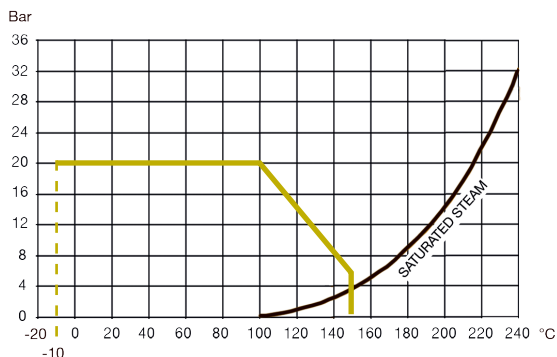
- Screwed BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1)
- BS5154 (BS EN 12288) / MSS-SP-80



DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
B	12.7	19	25	31.8	38.1	50
L	58	70	80	96	110	129
H	44.5	49.0	59.0	72.0	78.0	97.0
Kv	4.3	9.7	15.0	29.8	44.9	73.0
Kgs	0.27	0.37	0.57	0.88	1.15	1.76

N. Part Name Materials

1	Body	Bronze C83600 ASTM B62
2	Bonnet	Bronze C83600 ASTM B62
3	Disc	Bronze C83600 ASTM B62
4	Pin	Stainless Steel 304 ASTM A240
5	Nut	Brass HPb59-2 C35300 ASTM B36
6	Washer	EPDM
7	Nameplate	Aluminium
8	Rivet	Stainless Steel 304 ASTM A240
9	Gasket	PTFE
10	Flat Washer	Stainless Steel 304 ASTM A240
11	Nut	Stainless Steel 304 ASTM A240



V1. Dimensions in mm

This data sheet is designed as a guide and should not be regarded as wholly accurate in every detail. We reserve the right to amend the specification of any product without notice.

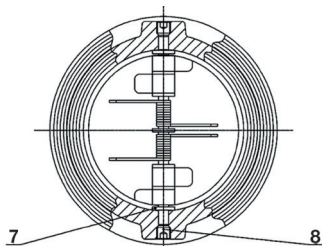
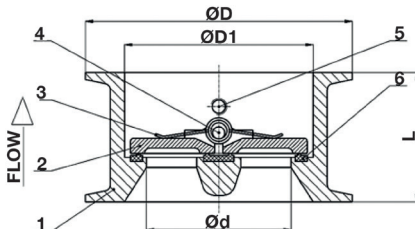
ART 962

PN40 Stainless Steel Dual Plate Wafer Check Valve



Features

- Wafer pattern to PN10, 16, 25 & 40 & ANSI 150 & 300 Flanges

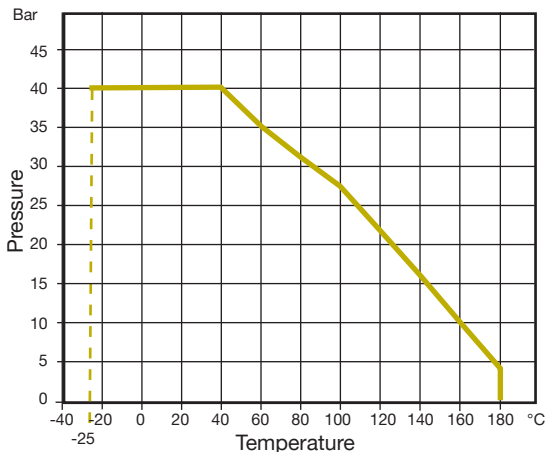


Technical data

Max pressure: 40 Bar
Working temp: -25°C to +180°C

DN	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
d	38	48	59	72	90	110	135	175	222	264
D	84	101	120	133	162	192	218	273	328	378
D1	60	65	80	94	117	145	170	224	265	310
L	43	43	46	64	64	70	76	89	114	114
Kv	45	68	111	206	266	455	813	1132	1950	2300
Kgs	0.78	1.05	1.45	2.32	3.36	5.26	7.15	11.84	20.36	28.34

N.	Part Name	Materials
1	Body	CF8M
2	Disc	CF8M
3	Spring	Stainless Steel 316
4	Axle	Stainless Steel 316
5	Disc Stopper	Stainless Steel 316
6	Seat	Viton
7	Washer	PTFE
8	Plug	Stainless Steel 304



V1. Dimensions in mm

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ART 963

PN16 Stainless Steel Wafer Check Valve

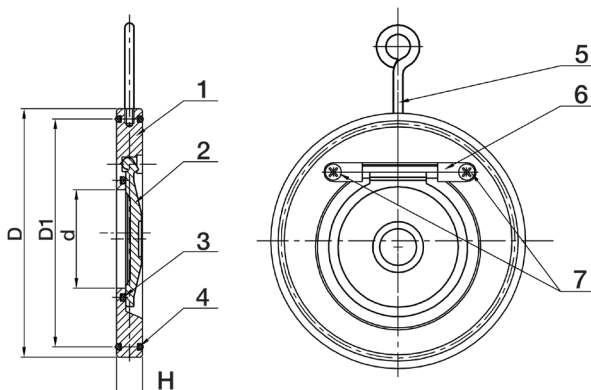


Technical data

Max pressure: 16 Bar
Working temp: -25°C to +180°C

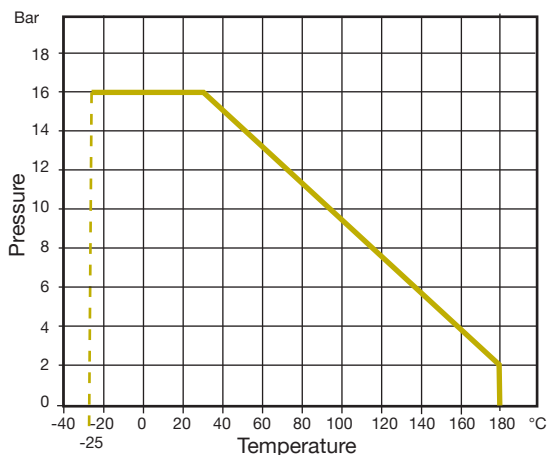
Features

- Wafer pattern to suit PN16 & ANSI 150 flanges
- Suitable for upwards or horizontal flow
- PN16 rated



DN	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
d	32	40	54	70	92	114	154	200	230
D	105	124	136	164	194	220	275	330	384
D1	84.0	96.0	117.5	148.0	166.0	197.0	249.0	310.0	358.0
H	14	14	14	18	18	20	22	26	30
Kv	27.5	45.5	69.0	113.0	168.0	231.0	314.0	425.0	550.0
Kgs	0.79	1.10	1.30	2.26	3.15	4.54	7.65	12.63	19.95

N.	Part Name	Materials
1	Body	CF8M
2	Disc	CF8M
3	Disc O-Ring	Viton
4	External O-ring	Viton
5	Hook	Stainless Steel 304
6	Stem Stopper	Stainless Steel 316
7	Axis Screw	Stainless Steel 316

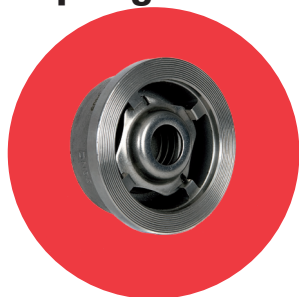


V1. Dimensions in mm

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ART 964

PN40 Stainless Steel Wafer Spring Check Valve

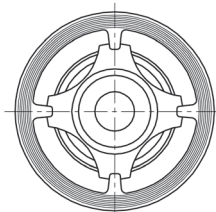
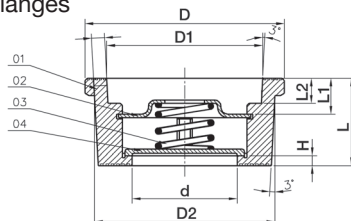


Technical data

Max pressure: 40 Bar
Working temp: -25°C to +200°C

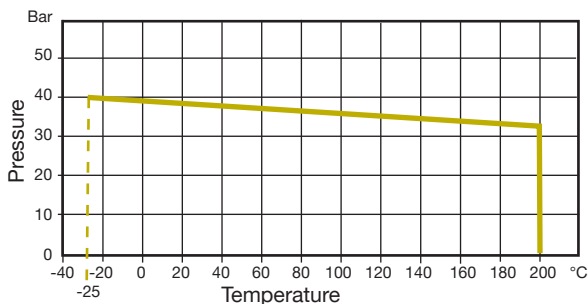
Features

- Wafer pattern to suit PN10, 16, 40 & ANSI 150 & 300 flanges
- PN40 rated



DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
d	15	20	25	32	40	48	62	75	95
D	39	46	54	70	81	94	113	132	150
D1	28.3	35.7	40.0	52.4	61.0	75.4	90.0	109.0	125.3
D2	34	41	49	62	71	85	102	123	140
W	3.1	3.3	4.5	4.8	5.0	5.3	6.0	7.0	7.5
L	16	19	22	28	32	40	46	50	60
L1	4.0	5.0	5.5	8.0	10.0	15.0	17.5	18.0	23.0
L2	2	2	3	4	4	4	5	5	6
H	3.5	4.0	4.0	5.0	5.5	6.0	6.5	7.5	8.5
Kv	4.4	6.8	10.0	17.0	26.0	43.0	75.0	112.0	172.0
Kgs	0.10	0.14	0.22	0.39	0.54	0.77	1.25	1.90	2.80

N.	Part Name	Materials
1	Body	CF8M
2	Spring Cover	Stainless Steel 316
3	Spring	Stainless Steel 316
4	Disc	CF8M



ART 965

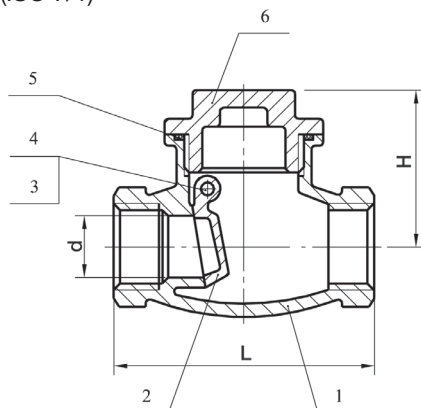
PN16 Stainless Steel

Swing Check Valve



Features

- BSP Parallel (ISO 7/1)

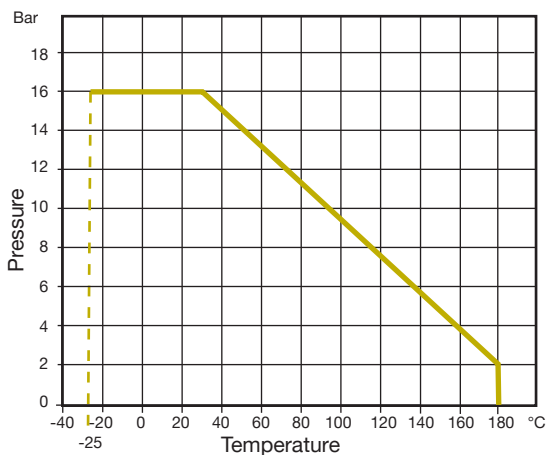


Technical data

Max pressure: 16 Bar
Working temp: -25°C to +180°C

DN	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
d	10	12	15	20	25	32	40	50
L	63	63	63	78	87	100	115	135
H	42	42	42	46	50	54	64	71
Kv	2.6	3.1	4.4	6.8	10.0	17.0	26.0	43.0
Kgs	0.27	0.26	0.23	0.35	0.54	0.81	1.01	1.62

N.	Part Name	Materials
1	Body	CF8M
2	Disc	CF8M
3	Pipe Plug	Stainless Steel 316
4	Plug Gasket	PTFE
5	Body Gasket	PTFE
6	Cap	CF8M



V1. Dimensions in mm

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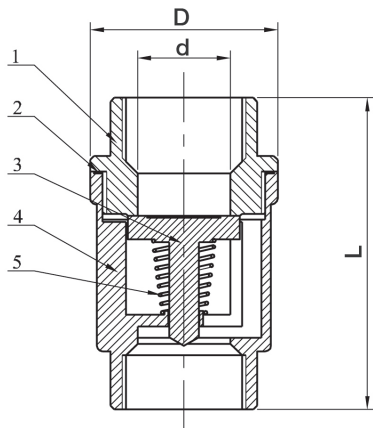
ART 966

PN82 Stainless Steel Spring Check Valve



Features

- BSP Parallel (ISO 7/1)



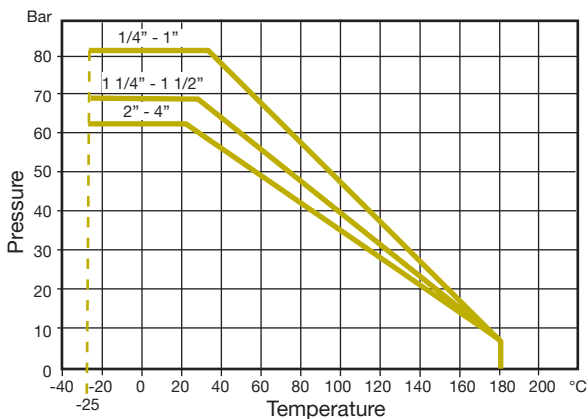
Technical data

Max pressure: 1/4" - 1" 82 Bar
 1 1/4" - 1 1/2" 69 Bar
 2" - 4" 62 Bar

Working temp: -25°C to +180°C

DN	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
d	8	10	15	20	25	30	38	47	61	75	94
D	30.5	30.5	37.0	42.0	48.0	58.0	70.0	82.0	102.5	120.0	150.0
L	53	53	56	63	74	81	91	97	118	138	158
Kv	2.1	2.8	4.0	7.0	10.0	17.0	26.0	43.0	75.0	112.0	172.0
Kgs	0.17	0.15	0.21	0.29	0.40	0.65	0.98	1.40	2.44	3.80	6.60

N.	Part Name	Materials
1	Cap	CF8M
2	Body Gasket	PTFE
3	Disc	CF8M
4	Body	CF8M
5	Spring	Stainless Steel 316



ART 170 PN16

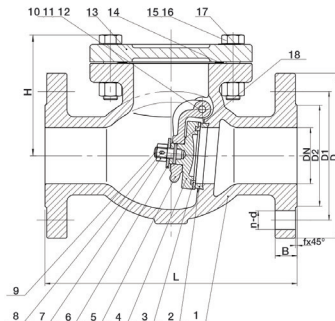
PN16 Cast Iron

Swing Check Valve



Features

- Flange mounting PN16 only
- Flange conforms to BS EN1092 PN16
- BS5153 (BS EN558-1 Series 10)



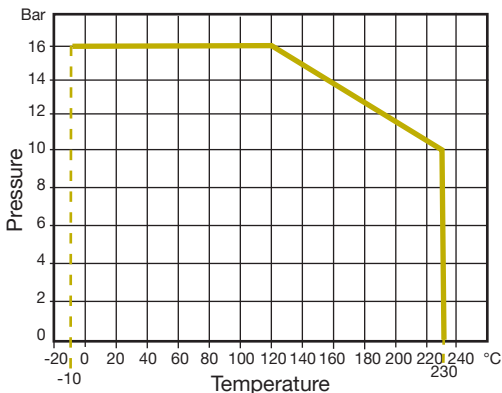
Technical data

Max pressure: 16 Bar
Working temp: -10°C to +230°C

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	203	216	241	292	330	356	495	622	699	787	914	914	1016	1219
D	165	185	200	220	250	285	340	405	460	520	580	640	715	840
D1	125	145	160	180	210	240	295	355	410	470	525	585	650	770
D2	99	118	132	156	184	211	266	319	370	429	480	548	609	720
B	20	20	22	24	26	26	30	32	32	36	38	40	42	48
f	3	3	3	3	3	3	3	3	4	4	4	4	4	5
n-d	4-19	4-19	8-19	8-19	8-19	8-23	12-23	12-28	12-28	16-28	16-31	20-31	20-34	20-37
H	112	132	141	162	192	211	270	316	357	560	589	645	702	812
Kv	111	161	428	516	689	1231	1835	2725	3850	-	-	-	-	-
Kgs	11.6	17.5	21.4	37.0	56.2	72.4	123.0	201.0	291.0	419.0	520.0	656.0	832.0	1260.0

N. Part Name Materials

1	Body	Cast Iron BS EN1561 EN-GJL-250
2	Seat Ring	Cast Bronze BS1400 LG2
3	Disc Ring	Cast Bronze BS1400 LG2
4	Disc Ring	Cast Iron - BS EN1561 EN-GJL-250
5	Hanger	Ductile Cast Iron BS EN1563 EN-GJS-500-7
6	Washer	Steel BS970 43A
7	Nut	Steel BS970 43A
8	Split Pin	Stainless Steel BS970 304S15
9	Disc Screw	Steel BS970 43A
10	Side Pin	Brass BS2874 CZ122
11	Gasket	Soft Steel Cardboard
12	Hanger Pin	Stainless Steel BS970 304S15
13	Bonnet	Cast Iron BS EN1561 EN-GJL-250
14	Gasket	Graphite
15	Bolt	Steel BS970 43A
16	Nut	Steel BS970 43A
17	Identification Plate	Aluminium
18	Pin	Stainless Steel BS970 304S15



V1. Dimensions in mm

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ART 167 PN25

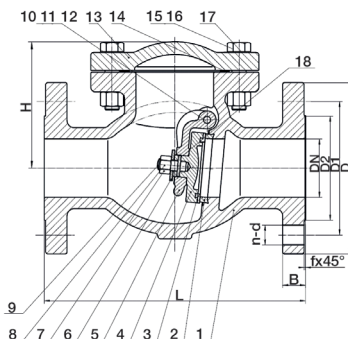
PN25 Cast Iron

Swing Check Valve



Features

- Flange mounting PN25 only
- Flange conforms to BS EN1092 PN25
- BS5153 (BS EN558-1 Series 21)



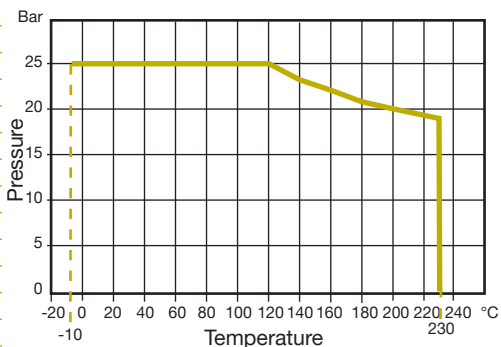
Technical data

Max pressure: 25 Bar
Working temp: -10°C to +230°C

DN	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
L	267	292	318	356	400	444	533	622	711
D	165	191	210	254	279	318	381	445	521
D1	125	145	160	190	220	250	310	370	430
D2	99	118	132	156	184	211	274	330	389
B	22.2	25.4	28.6	31.8	34.9	36.5	41.3	47.6	50.8
n-d	4-19	8-19	8-19	8-23	8-28	8-28	12-28	12-31	16-31
f	3	3	3	3	3	3	3	3	4
H	135	150	166	190	206	244	291	337	383
Kgs	17.6	31.0	35.8	55.7	80.4	110.9	180.0	277.0	408.5

N. Part Name Materials

1	Body	Cast Iron BS EN1561 EN-GJL-250
2	Seat Ring	Cast Bronze BS1400 LG2
3	Disc Ring	Cast Bronze BS1400 LG2
4	Disc	Cast Iron - BS EN1561 EN-GJL-250
5	Hanger	Ductile Iron BS EN1563 EN-GJS-450-10
6	Washer	Stainless Steel BS970 304S15
7	Nut	Stainless Steel BS970 304S15
8	Split Pin	Stainless Steel BS970 304S15
9	Disc Screw	Stainless Steel BS970 304S15
10	Side Pin	Brass BS2874 CZ122
11	Gasket	Teflon
12	Hanger Pin	Stainless Steel BS970 304S15
13	Bonnet	Cast Iron BS EN1561 EN-GJL-250
14	Gasket	EPDM BS EN681-1 IRHD66-75
15	Bolt	Stainless Steel BS970 304S15
16	Nut	Stainless Steel BS970 304S15
17	Identification Plate	Aluminium
18	Pin	Stainless Steel BS970 304S15



V1. Dimensions in mm

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ART 169 ANSI

ANSI Cast Iron

Swing Check Valve

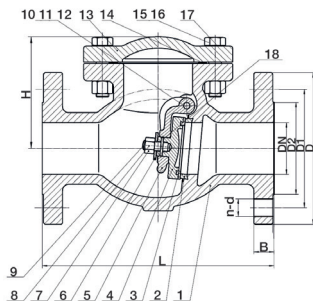


Features

- Flanged ANSI 125 (B16.1)
- Class 125 rated
- Conforms to ASME B16.10
- Conforms to MSS-SP-71

Technical data

Max pressure: 13.8 Bar
Working temp: -10°C to +230°C

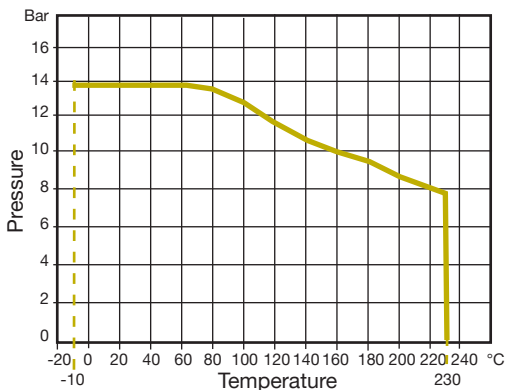


DN	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L	203	216	241	292	330	356	495	622	699	787	914	914	1016	1219
D	152	178	190	229	254	279	343	406	483	533	597	635	699	813
D1	121	140	153	191	216	241	299	362	432	476	540	578	635	750
B	16	18	19	24	24	25	29	30	32	35	37	40	43	48
n-d	4-19	4-19	4-19	8-19	8-22.2	8-22.2	8-22.2	12-25.4	12-25.4	12-28.6	16-28.6	16-32	20-32	20-35
H	112	132	141	162	192	211	270	316	357	560	589	645	702	812
Kv	111	161	428	516	689	1231	1835	2725	3850	-	-	-	-	-
Kgs	11.6	17.5	21.4	37.0	56.2	72.4	122.7	201.0	291.0	418.5	520.0	656.0	832.0	1260.0

N. Part Name

Materials

1	Body	Cast Iron ASTM A 126-B
2	Seat Ring	Cast Bronze ASTM B 62
3	Disc Ring	Cast Bronze ASTM B 62
4	Disc	Cast Iron ASTM A 126-B
5	Hanger	Ductile Iron ASTM A 536 65-45-12
6	Washer	Steel
7	Nut	Steel
8	Split Pin	Stainless Steel ASTM 304
9	Disc Screw	Steel
10	Side Pin	Brass ASTM B 16
11	Gasket	Teflon
12	Hanger Pin	Stainless Steel ASTM 304
13	Bonnet	Cast Iron ASTM A 126-B
14	Gasket	Graphite Non-Asbestos
15	Bolt	Steel ASTM A 307-B
16	Nut	Steel ASTM A 563-B
17	Identification Plate	Aluminium
18	Pin	Stainless Steel ASTM 304

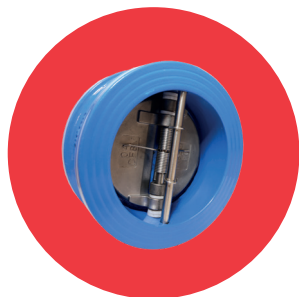


V1. Dimensions in mm

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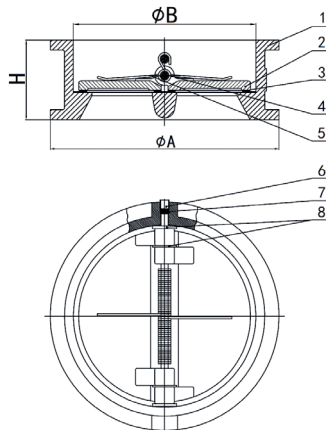
ART 121

Cast Iron Dual Plate Wafer Check Valve



Features

- Universal Flange mounting to suit BS EN1092 PN10 / PN16 and ANSI B16.1 Class 125
- Conforms to BS EN558-1 Series 16
- Epoxy coat finish

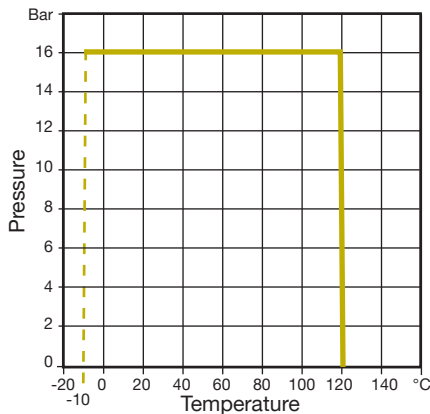


Technical data

Max pressure: 16 Bar
Working temp: -10°C to +120°C

DN	50	65	80	100	125	150	200	250	300
A	107	127	142	162	192	218	273	328	378
B	65	80	94	117	145	170	224	265	310
H	43	46	64	64	70	76	89	114	114
Kv	44	90	135	333	606	803	1435	2905	3504
Kgs	1.5	2.4	3.6	5.7	7.3	9.0	17.0	26.0	42.0

N.	Part Name	Materials
1	Body	Cast Iron GG25
2	Disc	Stainless Steel CF8M
3	Seat	EPDM
4	Shaft	Stainless Steel 420
5	Spring	Stainless Steel 316
6	Plug	Stainless Steel
7	Plug	EPDM
8	Washer	PTFE

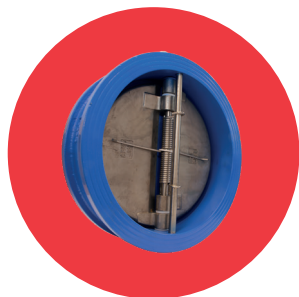


V2 Dimensions in mm

This data sheet is designed as a guide and should not be regarded as wholly accurate in every detail. We reserve the right to amend the specification of any product without notice.

ART 121 PN16

DN350-600 Cast Iron Dual Plate Wafer Check Valve

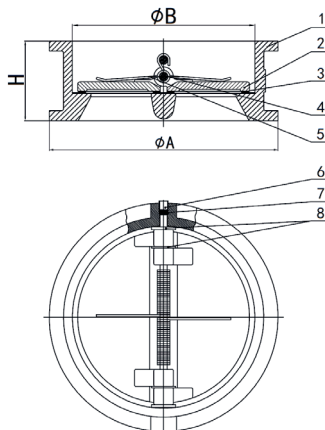


Features

- Flange mounting to suit BS EN1092 PN16 only
- Conforms to BS EN558-1 Series 16
- Epoxy coat finish

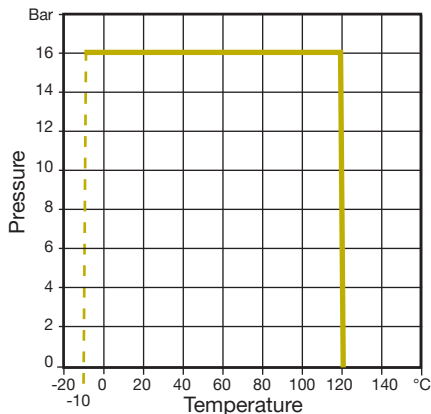
Technical data

Max pressure: 16 Bar
Working temp: -10°C to +120°C



DN	350	400	450	500	600
A	442	495	555	617	734
B	360	410	450	505	624
H	127	140	152	152	178
Kgs	69.0	80.0	103.0	118.0	192.0

N.	Part Name	Materials
1	Body	Cast Iron GG25
2	Disc	Stainless Steel CF8M
3	Seat	EPDM
4	Shaft	Stainless Steel 420
5	Spring	Stainless Steel 316
6	Plug	Steel
7	Plug	NBR
8	Washer	PTFE

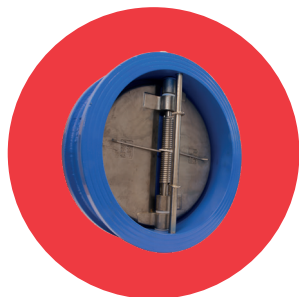


V1. Dimensions in mm

This data sheet is designed as a guide and should not be regarded as wholly accurate in every detail. We reserve the right to amend the specification of any product without notice.

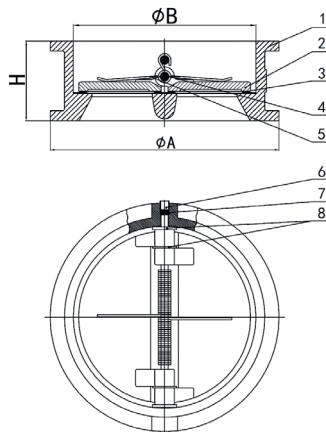
ART 121 ANSI

DN350-600 Cast Iron Dual Plate Wafer Check Valve



Features

- Flange mounting to suit ANSI B16.1 Class 125 only
- Conforms to API 594
- Epoxy coat finish

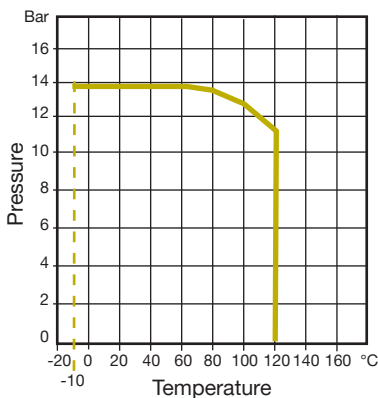


Technical data

Max pressure: 13.8 Bar
Working temp: -10°C to +120°C

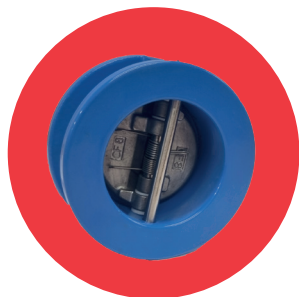
DN	350	400	450	500	600
A	447	511	546	603	714
B	375	416	467	514	616
H	184	191	203	219	222
Kgs	69.0	80.0	103.0	118.0	192.0

N.	Part Name	Materials
1	Body	Cast Iron GG25
2	Disc	Stainless Steel CF8M
3	Seat	EPDM
4	Shaft	Stainless Steel 410
5	Spring	Stainless Steel 316
6	Plug	Steel
7	Plug	NBR
8	Washer	PTFE



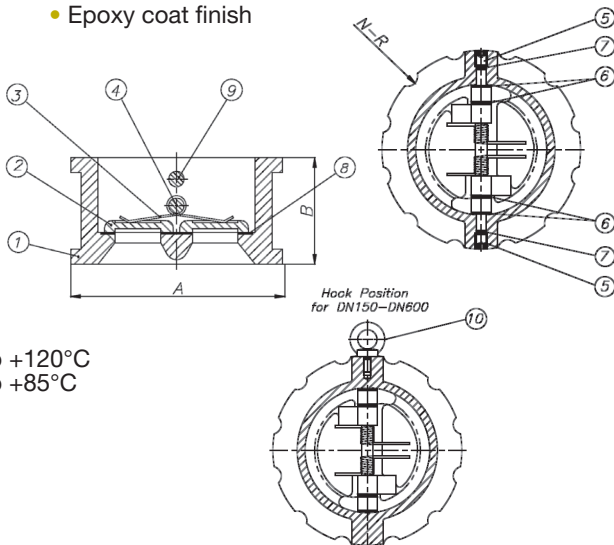
ART 136

Cast Iron Dual Plate Wafer Check Valve



Features

- Universal flange mounting to suit BS EN1092 PN10 / PN16 and ANSI B16.1 Class 125
- Epoxy coat finish



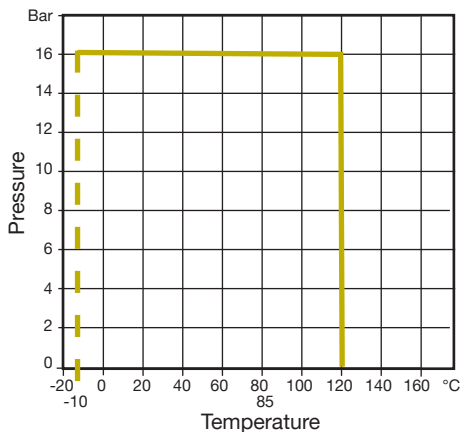
Technical data

Max pressure: 16 Bar
 Working temp: -10°C to +120°C
 WRAS Applications: -10°C to +85°C

DN	50	65	80	100	125	150	200	250	300
A	106	126	141	161	191	217	272	327	382
B	54	54	57	64	70	76	95	108	143
N-R	-	-	-	-	-	-	12-R12.5	12-R15	12-R15
Kv	51.8	90.7	146.8	302.4	492.4	734.4	1425.6	2073.6	3196.8
Kgs	1.5	2.5	3.0	4.5	6.5	9.0	13.5	19.5	36.0

N. Part Name Materials

1	Body	Cast Iron EN1561 EN-GJL-250
2	Disc	Stainless Steel CF8
3	Spring	Stainless Steel 304
4	Hinge Pin	Stainless Steel 420
5	Pin Retainer	Stainless Steel 304
6	Washer	PTFE
7	Gasket	EPDM
8	Seat	EPDM
9	Stop Pin	Stainless Steel 420
10	Eyebolt	Carbon Steel



V1. Dimensions in mm

This data sheet is designed as a guide and should not be regarded as wholly accurate in every detail. We reserve the right to amend the specification of any product without notice.

ART 171

PN16 Ductile Iron Ball Check Valve

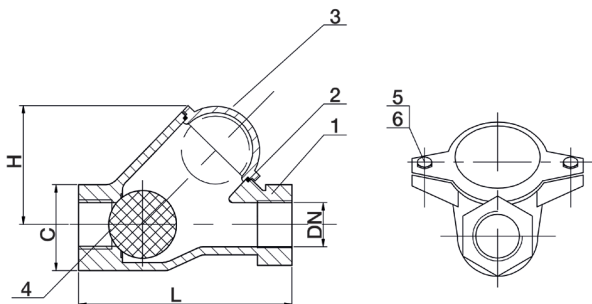


Features

- Screwed BSP Parallel (ISO 228/1)
- Epoxy coat finish

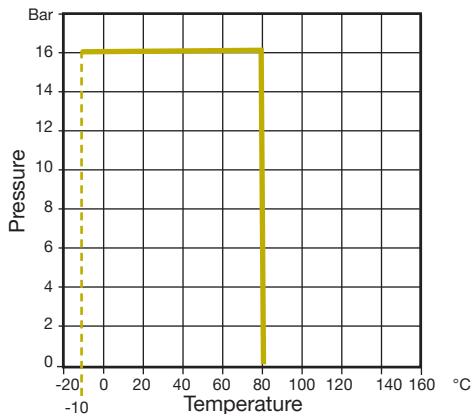
Technical data

Max pressure: 16 Bar
Working temp: -10°C to +80°C



DN	25	32	40	50	65	80
L	125	132	145	174	200	243
C	47	59	70	82	106	132
H	75	75	85	126	113	165
Kgs	1.33	1.71	1.71	4.16	5.46	10.00

N.	Part Name	Materials
1	Body	Ductile Iron GGG40
2	Gasket	NBR
3	Cap	Ductile Iron GGG40
4	Ball	NBR
5	Bolt	Steel A2-70
6	Nut	Steel A2-70

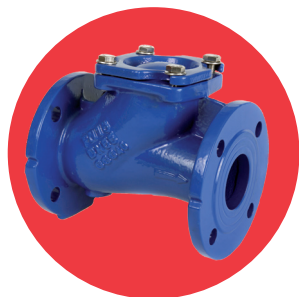


V1. Dimensions in mm

This data sheet is designed as a guide and should not be regarded as wholly accurate in every detail. We reserve the right to amend the specification of any product without notice.

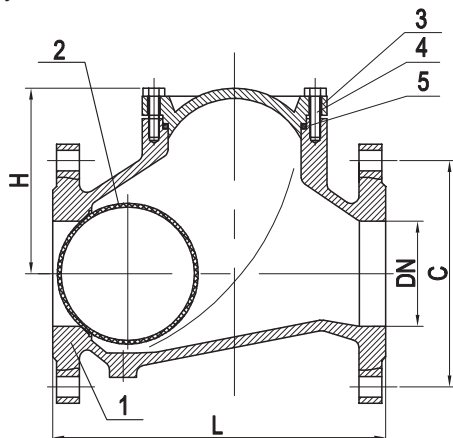
ART 172

PN16 Ductile Iron Ball Check Valve



Features

- Flanged mounting PN16 only
- Valve design according to EN12334
- DIN3202 face-to-face
- Epoxy coat finish

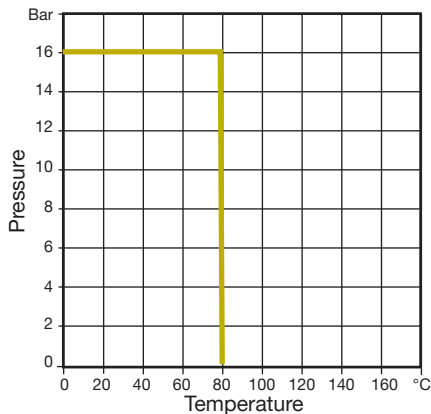


Technical data

Max pressure: 16 Bar
Working temp: 0°C to +80°C

DN	50	65	80	100	125	150	200	250	300
L	200	240	260	300	350	400	500	600	700
C	106	129	146	194	207	240	322	388	458
H	125	145	160	180	210	240	295	355	410
Kgs	7.7	11.2	15.4	21.7	33.0	45.3	90.42	163.0	230.0

N.	Part Name	Materials
1	Body	Ductile Iron EN1563
2	Ball	Metal NBR Coated
3	Cap	Ductile Iron EN1563
4	Bolt	Steel
5	Gasket	NBR

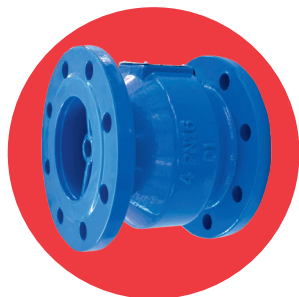


V1. Dimensions in mm

This data sheet is designed as a guide and should not be regarded as wholly accurate in every detail. We reserve the right to amend the specification of any product without notice.

ART 162

PN16 Ductile Iron Silent Check Valve

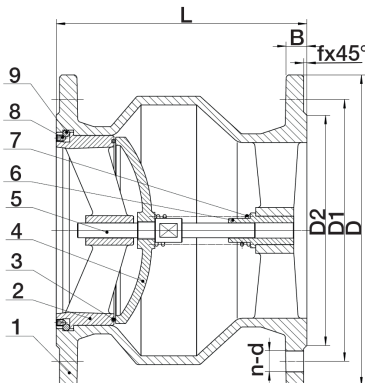


Features

- Flange conforms to BS EN1092 PN16
- Valve design conforms to BS EN12334
- Valve inspection and testing in accordance with BS EN12266

Technical data

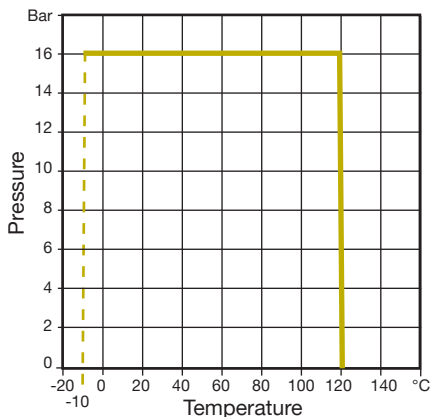
Max pressure: 16 Bar
Working temp: -10°C to +120°C



DN	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L	133	140	152	185	216	230	259	362	393	400	448	476	524	610
D	165	185	200	220	250	285	340	405	460	520	580	640	715	840
D1	125	145	160	180	210	240	295	355	410	470	525	585	650	770
D2	99	118	132	156	184	211	266	319	370	429	480	548	609	720
B	19.0	19.0	19.0	19.0	19.0	19.0	20.0	22.0	24.5	26.5	28.0	30.0	31.5	36.0
f	3	3	3	3	3	3	3	3	4	4	4	4	4	5
n-d	4-19	4-19	8-19	8-19	8-19	8-23	12-12	12-28	12-28	16-28	16-31	20-31	20-34	20-37
Kgs	7.6	9.4	10.2	13.6	18.7	25.1	39.6	70.1	95.2	143.4	196.0	231.5	330.0	472.0

N. Part Name Materials

1	Body	Ductile Iron - BS EN1563 EN-GJS-450-10
2	Seat Body	Ductile Iron - BS EN1563 EN-GJS-450-10
3	Seat	EPDM
4	Disc	Ductile Iron - BS EN1563 EN-GJS-450-10
5	Stem	Stainless Steel BS970 304S15
6	Bushing	Brass BS2874 CZ122
7	Spring	Stainless Steel BS970 304S15
8	Screw	Stainless Steel BS970 304S15
9	Ball	Stainless Steel BS970 304S15



V2 Dimensions in mm

This data sheet is designed as a guide and should not be regarded as wholly accurate in every detail. We reserve the right to amend the specification of any product without notice.

ART 163

PN16 Ductile Iron Foot Valve

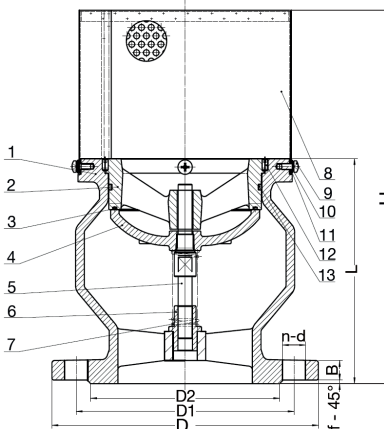


Features

- Flange conforms to BS EN1092 PN16
- Valve design conforms to BS EN12334
- Valve inspection and testing in accordance with BS EN12266

Technical data

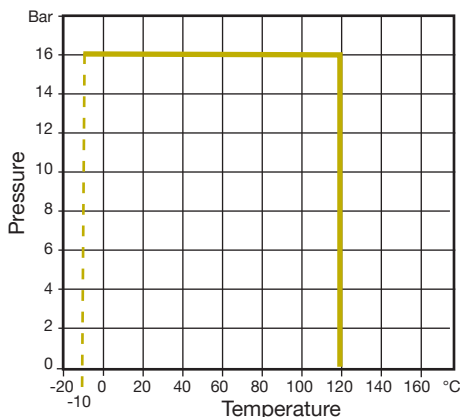
Max pressure: 16 Bar
Working temp: -10°C to +120°C



DN	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"
L	133	140	152	185	216	230	259	362	393	400	448
H	204	236	263	326	382	422	470	602	683	720	808
D	165	185	200	220	250	285	340	405	460	520	580
D1	125	145	160	180	210	240	295	355	410	470	525
D2	99	118	132	156	184	211	266	319	370	429	480
B	19	19	19	19	19	19	20	22	24.5	26.5	28
f	3	3	3	3	3	3	3	3	4	4	4
n-d	4-19	4-19	8-19	8-19	8-19	8-23	12-23	12-28	12-28	16-28	16-31
Kgs	6.7	8.1	9.3	13.1	17.9	24.2	39.6	69	89.6	138.1	190.4

N. Part Name Materials

1	Body	Ductile Iron BS EN1563 EN-GJS-450-10
2	Seat Body	Ductile Iron BS EN1563 EN-GJS-450-10
3	Seat	EPDM
4	Disc	Ductile Iron BS EN1563 EN-GJS-450-10
5	Stem	Stainless Steel BS970 304S15
6	Bushing	Brass BS2874 CZ122
7	Spring	Stainless Steel BS970 304S15
8	Screen	Stainless Steel BS970 304S15
9	Screw	Stainless Steel BS970 304S15
10	Washer	Stainless Steel BS970 304S15
11	Washer	Stainless Steel BS970 304S15
12	Screw	Stainless Steel BS970 304S15
13	Seat	EPDM



V1. Dimensions in mm

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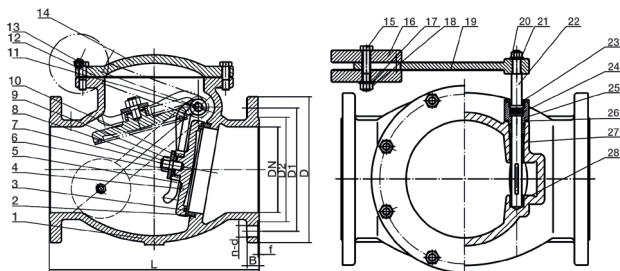
ART 180 PN16

PN16 Cast Iron Swing Check Valve, Lever & Weight



Features

- Flange mounting PN16 only
- Flange conforms to BS EN1092 PN16
- Conforms to BS EN12334
- Sizes DN50-400 conform to BS 5153 (BS EN558-1 Series 10)



Technical data

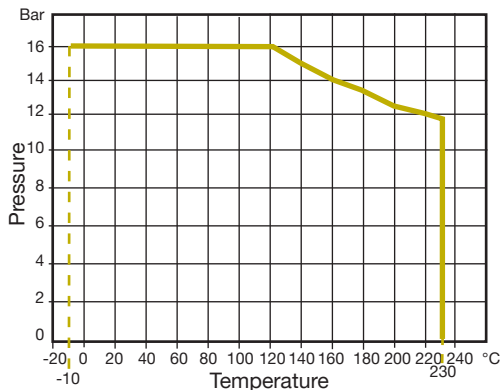
Max pressure: 16 Bar
Working temp: -10°C to +230°C

N. Part Name Materials

1	Body	Cast Iron BS EN1561 EN-GJL-250
2	Seat Ring	Cast Bronze BS1400 LG2
3	Disc Ring	Cast Bronze BS1400 LG2
4	Disc	Cast Iron BS EN1561 EN-GJL-250
5	Hanger	Ductile Iron BS EN1563 EN-GJS-450-10
6	Pin	Stainless Steel BS970 304S15
7	Split Pin	Stainless Steel BS970 304S15
8	Disc Screw	Steel BS970 43A
9	Nut	Steel BS970 43A
10	Washer	Steel BS970 43A
11	Bond	Steel BS970 43A
12	Gasket	Soft Steel Cardboard
13	Bolt	Steel BS970 43A
14	Bonnet	Cast Iron BS EN1561 EN-GJL-250
15	Bolt	Steel BS970 43A
16	Balance Weight	Cast Iron BS EN1561 EN-GJL-250
17	Washer	Steel BS970 43A
18	Nut	Steel BS970 43A
19	Connecting Lever	Ductile Iron BS EN1563 EN-GJS-450-10
20	Nut	Steel BS970 43A
21	Washer	Steel BS970 43A
22	Hanger Axle	Stainless Steel BS970 304S15
23	Gland Nut	Brass BS2874 CZ122
24	O-Ring	EPDM BS EN681-1 IRHD66-75
25	Stuffing Box	Brass BS2874 CZ122
26	Washer	Teflon
27	Outside Bush	Brass BS2874 CZ122
28	Inside Bush	Brass BS2874 CZ122

DN	50	65	80	100	125	150	200
L	203	216	241	292	330	356	495
D	165	185	200	220	250	285	340
D1	125	145	160	180	210	240	295
D2	99	118	132	156	184	211	266
B	20	20	22	24	26	26	30
n-d	4-19	4-19	8-19	8-19	8-19	8-23	12-23
f	3	3	3	3	3	3	3
Kgs	13.8	19.5	23.6	38.0	59.0	79.6	126.9

DN	250	300	350	400	450	500	600
L	622	699	787	914	914	1016	1219
D	405	460	520	580	640	715	840
D1	355	410	470	525	585	650	770
D2	319	370	429	480	548	609	720
B	32	32	36	38	40	42	48
n-d	12-28	12-28	16-28	16-31	20-31	20-34	20-37
f	3	4	4	4	4	4	5
Kgs	243.0	291.0	456.0	586.0	710.0	900.0	1350.0



V1. Dimensions in mm

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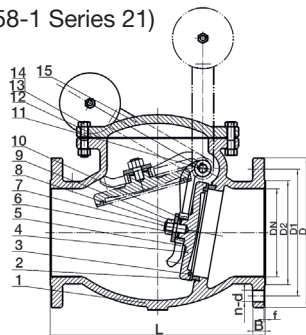
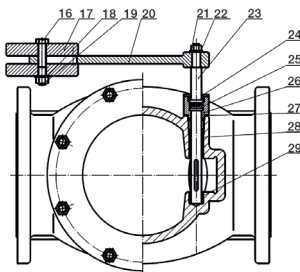
ART 177 PN25

PN25 Cast Iron Swing Check Valve, Lever & Weight



Features

- Flange mounting PN25 only
- Flange conforms to BS EN1092 PN25
- Conforms BS5153 (BS EN558-1 Series 21)

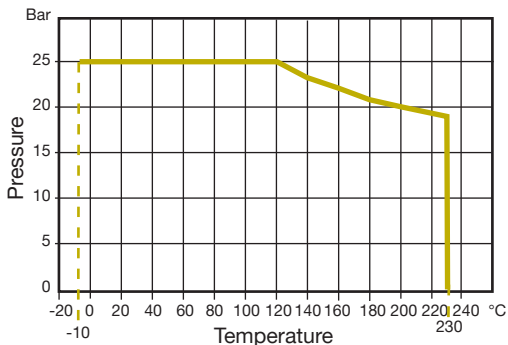


Technical data

Max pressure: 25 Bar
Working temp: -10°C to +230°C

N.	Part Name	Materials
1	Body	Cast Iron BS1452 Gr.220
2	Seat Ring	Cast Bronze BS1400 LG2
3	Disc Ring	Cast Bronze BS1400 LG2
4	Disc	Cast Iron BS1452 Gr.220
5	Hanger	Ductile Iron BS2789 Gr500-7
6	Pin	Stainless Steel BS970 304S15
7	Split Pin	Stainless Steel BS970 304S15
8	Disc Screw	Steel BS970 43A
9	Nut	Steel BS970 43A
10	Washer	Steel BS970 43A
11	Bond	Steel BS970 43A
12	Gasket	Soft Steel Cardboard
13	Bolt	Steel BS970 43A
14	Nut	Steel BS970 43A
15	Bonnet	Cast Iron BS1452 Gr.220
16	Bolt	Steel BS970 43A
17	Balance Weight	Cast Iron BS1452 Gr.220
18	Washer	Steel BS970 43A
19	Nut	Steel BS970 43A
20	Connecting Lever	Ductile Iron BS2789 Gr500-7
21	Nut	Steel BS970 43A
22	Washer	Steel BS970 43A
23	Hanger Axle	Stainless Steel BS970 304S15
24	Gland Nut	Brass BS2874 CZ122
25	Gland	Brass BS2874 CZ122
26	O-Ring	EPDM
27	Washer	Teflon
28	Outside Bush	Brass BS2874 CZ122
29	Inside Bush	Brass BS2874 CZ122

DN	50	65	80	100	125	150	200	250	300
L	267	292	318	356	400	444	533	622	711
D	165	185	200	235	270	300	360	425	485
D1	125	145	160	190	220	250	310	370	430
D2	99	118	132	156	185	211	274	330	389
B	22.2	25.4	28.6	31.8	34.9	36.5	41.3	47.6	50.8
f	3	3	3	3	3	3	3	3	4
n-d	4-19	8-19	8-19	8-23	8-28	8-28	12-28	12-31	16-31



V1. Dimensions in mm

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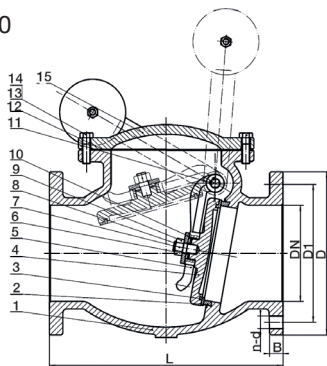
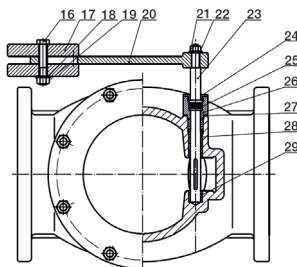
ART 179 ANSI

ANSI Cast Iron Swing Check Valve, Lever & Weight



Features

- Flanged ANSI 125 (B16.1)
- Class 125 rated
- Conforms to ASME B16.10
- Conforms to MSS-SP-71



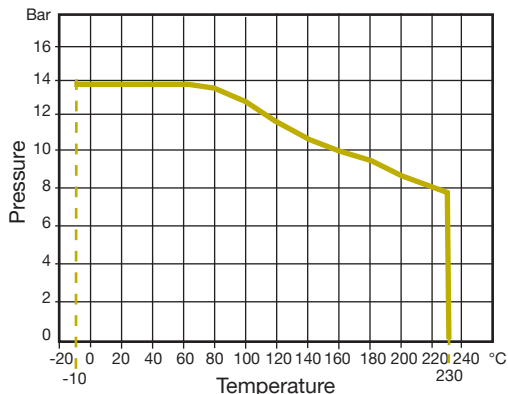
Technical data

Max pressure: 13.8 Bar
Working temp: -10°C to +230°C

N.	Part Name	Materials
1	Body	Cast Iron ASTM A 126-B
2	Seat Ring	Cast Bronze ASTM B 62
3	Disc Ring	Cast Bronze ASTM B 62
4	Disc	Cast Iron ASTM A 126-B
5	Hanger	Ductile Iron ASTM A536
6	Pin	Stainless Steel ASTM 304
7	Split Pin	Stainless Steel ASTM 304
8	Disc Screw	Steel
9	Nut	Steel
10	Washer	Steel
11	Bond	Steel
12	Gasket	Teflon
13	Bolt	Steel
14	Nut	Steel
15	Bonnet	Cast Iron ASTM A 126-B
16	Bolt	Steel
17	Balance Weight	Cast Iron ASTM A 126-B
18	Washer	Steel
19	Nut	Steel
20	Connecting Lever	Ductile Iron ASTM A536
21	Nut	Steel
22	Washer	Steel
23	Hanger Axle	Stainless Steel ASTM 304
24	Gland	Brass ASTM B 16
25	O-Ring	EPDM
26	Stuffing Box	Brass ASTM B 16
27	Washer	Teflon
28	Outside Bush	Brass ASTM B 16
29	Inside Bush	Brass ASTM B 16

DN	2"	2 1/2"	3"	4"	5"	6"	8"
L	203	216	241	292	330	356	495
D	152	178	190	229	254	279	343
D1	121	140	153	191	216	241	299
B	16	18	19	24	24	25	29
n-d	4-19	4-19	4-19	8-19	8-22.2	8-22.2	8-22.2
Kgs	13.8	19.5	23.6	38.0	59.0	79.6	126.9

DN	10"	12"	14"	16"	18"	20"	24"
L	622	699	787	914	914	1016	1219
D	406	483	533	597	635	699	813
D1	362	432	476	540	578	635	750
B	30	32	35	37	40	43	48
n-d	12-25.4	12-25.4	12-28.6	16-28.6	16-32	20-32	20-35
Kgs	243.0	291.0	456.0	586.0	710.0	900.0	1350.0

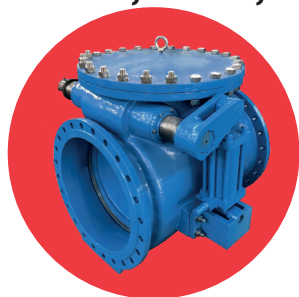


V1. Dimensions in mm

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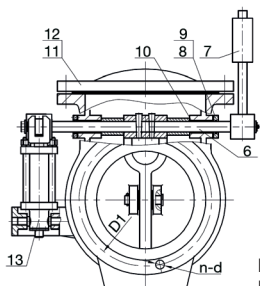
ART 190 PN16

PN16 Ductile Iron Swing Check Valve, Lever, Weight & Damper

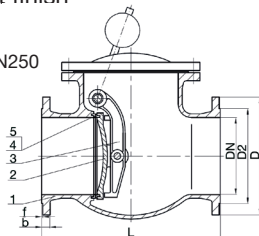


Features

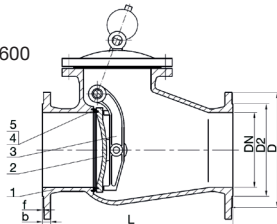
- Flange Mounting PN16 only
- Flange conforms to BS EN1092 PN16
- Sizes DN80-400 conform to BS 5153 (BS EN558-1 Series 10)
- Fusion bonded Epoxy coat finish



For sizes
DN80 - DN250



For sizes
DN300 - DN600

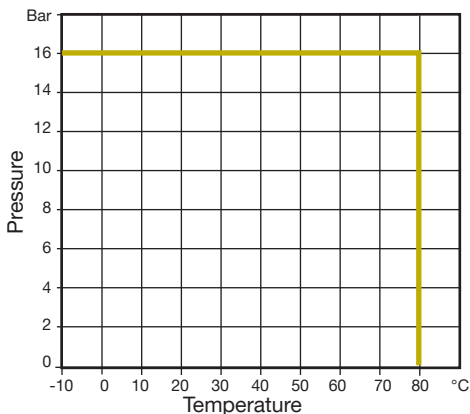


Technical data

Max pressure: 16 Bar
Working temp: -10°C to +80°C

DN	80	100	125	150	200	250	300	350	400	450	500	600
L	241	292	330	356	495	622	698	787	914	965	1067	1219
D	200	220	250	285	340	405	460	520	580	640	715	840
D1	160	180	210	240	295	355	410	470	525	585	650	770
D2	132	156	184	211	266	319	370	429	480	548	609	720
b	19	19	19	19	20	22	24.5	26.5	28	30	31.5	36
n-d	8-19	8-19	8-19	8-23	12-23	12-28	12-28	16-28	16-31	20-31	20-34	20-37
f	3	3	3	3	3	3	4	4	4	4	4	5
Kgs	28	45	69	86	180	272	340	462	598	722	900	1370

N.	Part Name	Materials
1	Body	Ductile Iron EN-GJS:500-7
2	Disc	Ductile Iron EN-GJS:500-7
3	Rocker	Ductile Iron EN-GJS:500-7
4	Disc Sealing Ring	Gunmetal LG2
5	Body Sealing Ring	Gunmetal LG2
6	Shaft	Stainless Steel 420
7	Lever & Weight	
8	Cover	Ductile Iron EN-GJS:500-7
9	O-Ring	EPDM
10	Bushes	Stainless Steel + PTFE
11	Bonnet	Ductile Iron EN-GJS:500-7
12	O-Ring	EPDM
13	Damping Cylinder	

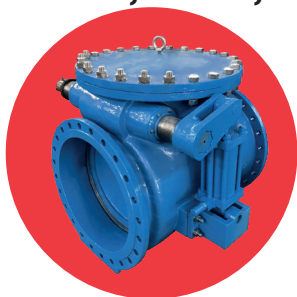


V1. Dimensions in mm

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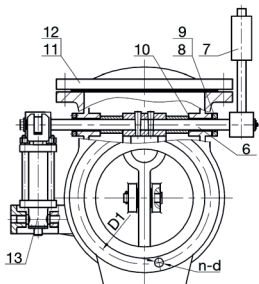
ART 191 PN25

PN25 Ductile Iron Swing Check Valve, Lever, Weight & Damper

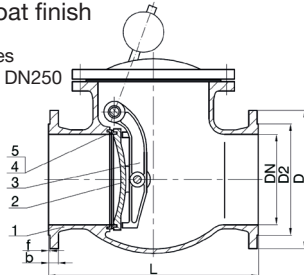


Features

- Flange Mounting PN25 only
- Flange conforms to BS EN1092 PN25
- Face to face conforms with DIN 3202 F6
- Fusion bonded Epoxy coat finish



For sizes
DN80 - DN250

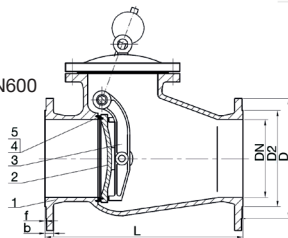


Technical data

Max pressure: 25 Bar

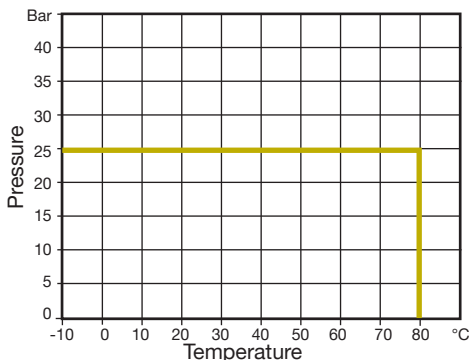
Working temp: -10°C to +80°C

For sizes
DN300 - DN600



DN	300	350	400	450	500	600
L	700	800	900	1000	1100	1300
D	485	555	620	670	730	845
D1	430	490	550	600	660	770
D2	389	448	503	548	609	720
b	27.5	30.0	32.0	34.5	36.5	42.0
n-d	16-31	16-34	16-37	20-37	20-37	20-41
f	4	4	4	4	4	5
Kgs	353	491	622	738	915	1430

N.	Part Name	Materials
1	Body	Ductile Iron EN-GJS:500-7
2	Disc	Ductile Iron EN-GJS:500-7
3	Rocker	Ductile Iron EN-GJS:500-7
4	Disc Sealing Ring	Gunmetal LG2
5	Body Sealing Ring	Gunmetal LG2
6	Shaft	Stainless Steel 420
7	Lever & Weight	
8	Cover	Ductile Iron EN-GJS:500-7
9	O-Ring	EPDM
10	Bushes	Stainless Steel + PTFE
11	Bonnet	Ductile Iron EN-GJS:500-7
12	O-Ring	EPDM
13	Damping Cylinder	



V1. Dimensions in mm

This data sheet is designed as a guide and should not be regarded as wholly accurate in every detail. We reserve the right to amend the specification of any product without notice.