

RESILIENT SWING CHECK VALVE EPDM FLANGED PN16 ACS

Resilient swing check valve flanged PN10/16 for drinking water, water distribution and watering.
Ductile iron body with epoxy painting, ductile iron disc EPDM coated.
Bolted bonnet for an easy maintenance.
Horizontal or vertical position with ascending fluid.



Certificate

3.1



Size : DN50 to DN300
Connection : Flanges RF PN10/16
Min Temperature : -10°C
Max Temperature : +80°C
Max Pressure : 16 Bars
Specifications : Swing check type
Full bore
With drain
Epoxy painting
Weak head loss

Materials : Ductile iron body EN GJS-500-7

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SPECIFICATIONS :

- Swing check type
- Vertical position with ascendant fluid or horizontal position (respect the flow direction indicated by the arrow)
- PN10/16 flanges R.F.
- Ductile iron disc EPDM coated
- Weak head loss
- Bolted bonnet
- Stainless steel plug DN1/2"
- Epoxy painting RAL 5005 blue color, 250 µm thickness
- Minimum backpressure for tightness: 0.5 bars
- Opening pressure 0.03 bar

USE :

- Drinking water, water distribution and watering
- Min and max Temperature Ts : - 10°C to + 80°C
- Max pressure Ps : 16 bars for PN10/16 and PN16 types, 10 bars for PN10 types

FLOW COEFFICIENT Kvs (in m3/h) :

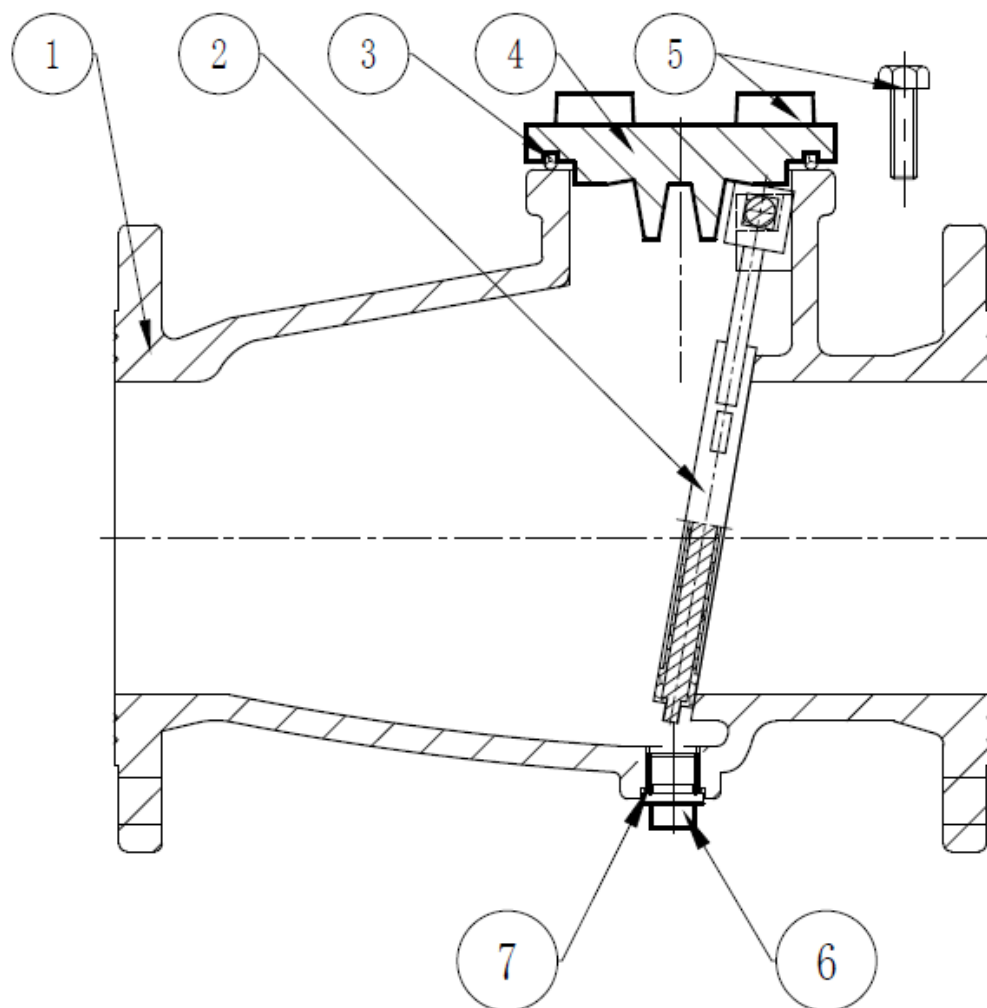
DN	50	65	80	100	125	150	200	250	300
Kvs (m3/h)	145	253	401	627	988	1425	2540	3948	5700

RANGE :

- Resilient swing check valve EPDM flanged PN10/16 R.F. **Ref. 357** from DN50 to 300

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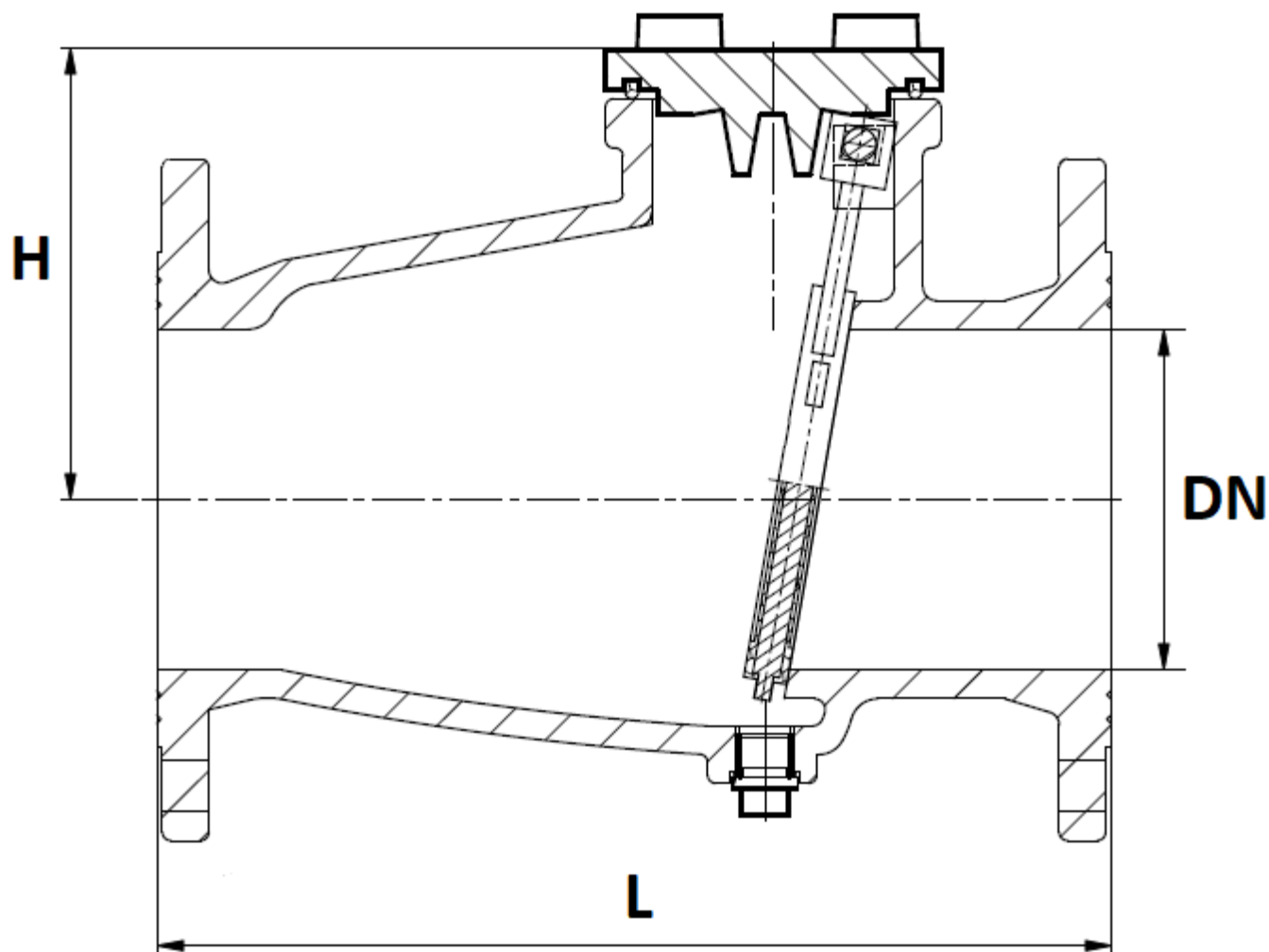
MATERIALS :



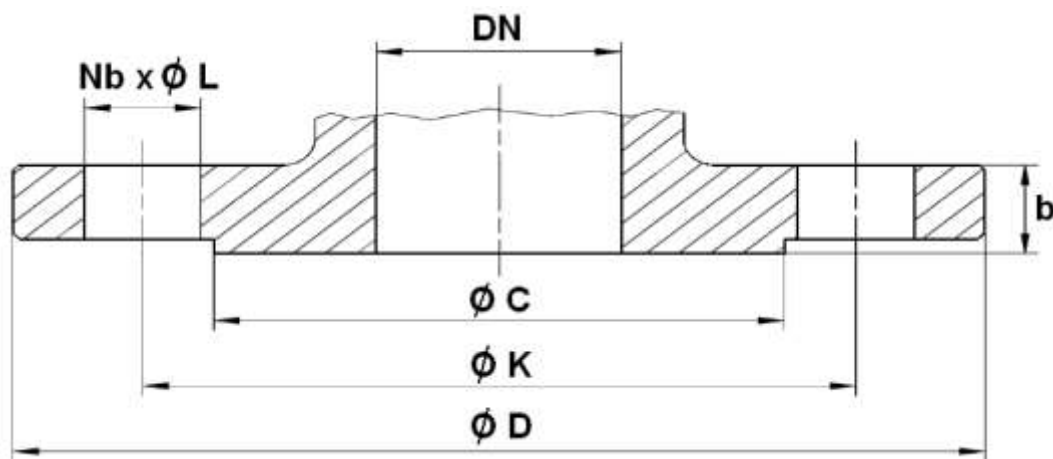
Item	Designation	Materials
1	Body	Ductile iron EN GJS-500-7
2	Disc	Ductile iron EN GJS 500-7 + EPDM
3	Bonnet gasket	EPDM
4	Bonnet	Ductile iron EN GJS-500-7
5	Screw	AISI 304
6	Cap	
7	O ring	EPDM

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SIZE (in mm) :



DN	50	65	80	100	125	150	200	250	300
L	200	240	260	300	350	400	500	600	700
H	115	125	140	150	165	180	205	246	285
Weight (Kg)	10	13	16	23	28.5	34.8	52.5	116	155
Ref.	357050	357065	357080	357100	357125	357150	357200-201	357250-251	357300-301

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FLANGES SIZE (in mm) :


PN	PN10/16						PN10	PN16	PN10	PN16	PN10	PN16
DN	50	65	80	100	125	150	200		250		300	
Ø D	165	185	200	220	250	285	340		395	405	445	460
Ø C	99	118	132	156	184	211	266		319		370	
Ø K	125	145	160	180	210	240	295		350	355	400	410
Nb x Ø L	4 x 20		8 x 20			8 x 24		12 x 24		12 x 29	12 x 24	12 x 29
b	19						20		22		24.5	
Ref.	357050	357065	357080	357100	357125	357150	357200	357201	357250	357251	357300	357301

STANDARDS :

- Manufacturer certified ISO 9001 : 2015
- Design according to EN 1074-3
- DIRECTIVE 2014/68/EU : Products excluded (article 4, § 3)
- Certificate 3.1 on request
- French water agreement **A.C.S. N° 24 ACC LY 196**
- Pressure tests according to EN 12266-1, Rate A
- PN10-16 R.F. flanges according to EN 1092-2
- Length according to EN 558 series 48 (DIN 3202 F6)
- Coating according to DIN 30677

ADVICE : Our opinion and our advice are not guaranteed and SFERACO shall not be liable for the consequences of damages.
 The customer must check the right choice of the products with the real service conditions.

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