DUCTILE IRON BALL CHECK VALVE NF EN 12050-4 THREADED FEMALE BSP

Ductile iron ball check valve for water distribution and watering.
Ductile iron EN GJS-400-15 body with anti-corrosion epoxy painting and stainless steel bolting.
According to water pumping stations NF EN 12050-4
Bolted bonnet for easy maintenance.

Certificate

3.1

Size : DN1" to DN3"
Connection : Female BSP
Min Temperature : -10°C
Max Temperature : +70°C
Max Pressure : 10 Bars
Specifications : Aluminium NBR coated ball
Horizontal or vertical with ascending fluid position
Bolted bonnet

Materials : Ductile iron EN GJS-400-15 body

Information provided as an indication and subject to possible modification

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SPECIFICATIONS :

- Ball type
- Vertical with ascendant fluid or horizontal (respect the flow direction indicated by the arrow)
- Female / female BSP
- Removable bonnet for easy maintenance
- Anti-corrosion epoxy painting RAL 5017 blue color 150 microns thickness
- Anti-corrosion stainless steel bolting
- Aluminium NBR coated ball non floating
- Full bore
- Minimum backpressure for tightness between 0.3 and 0.5 bars

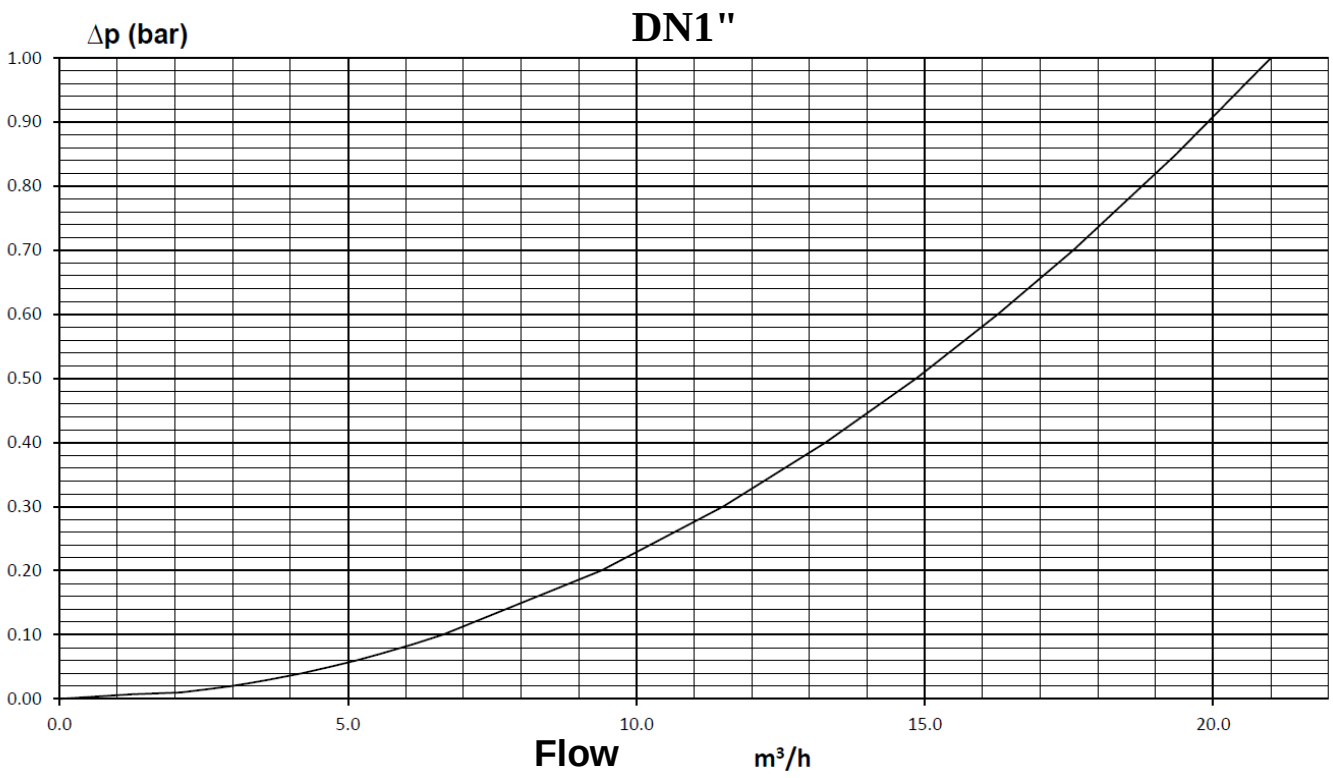
USE :

- Water distribution and watering
- Min Temperature Ts : - 10°C
- Max Temperature Ts :+ 70°C
- Max Pressure Ps : 10 bars

FLOW COEFFICIENT Kvs (in m3/h) :

DN	1"	1"1/4	1"1/2	2"	2"1/2	3"
Kvs (m3/h)	21	29	57	78	120	250

HEAD LOSS :



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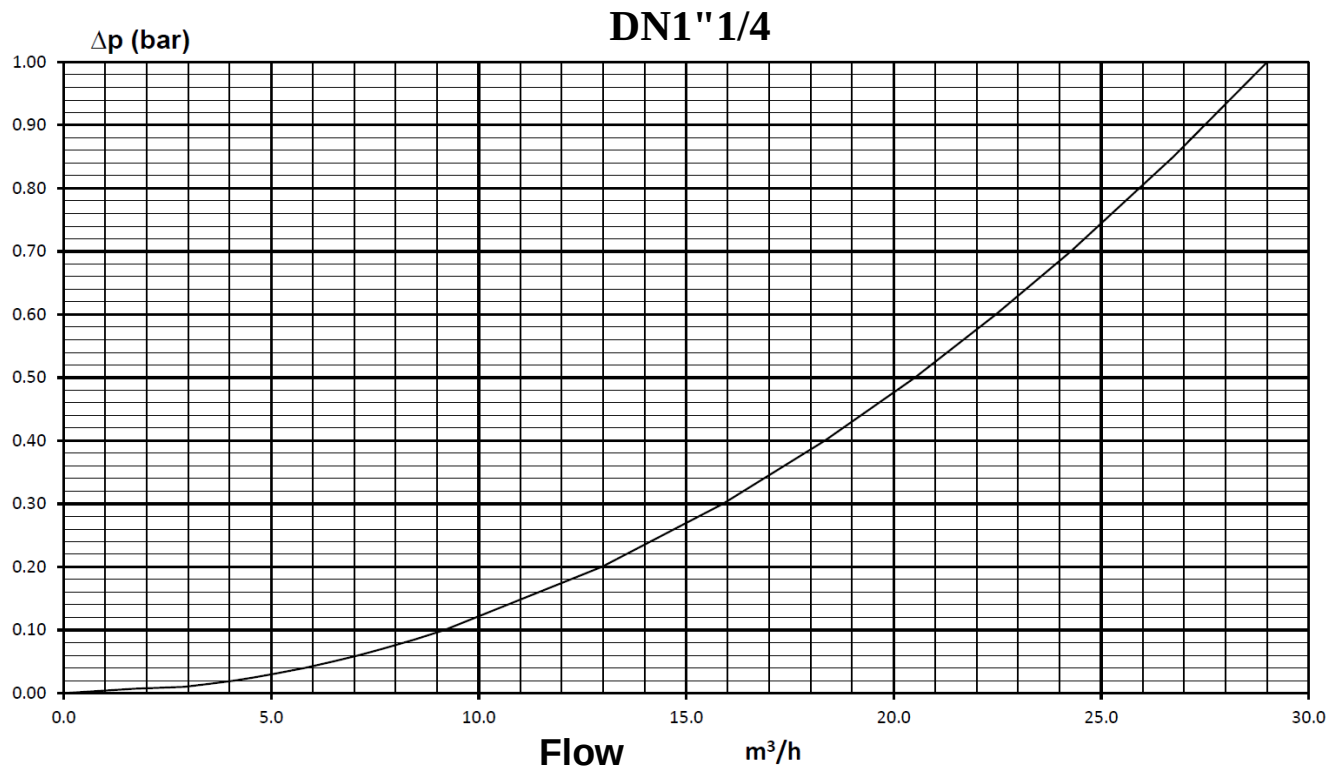

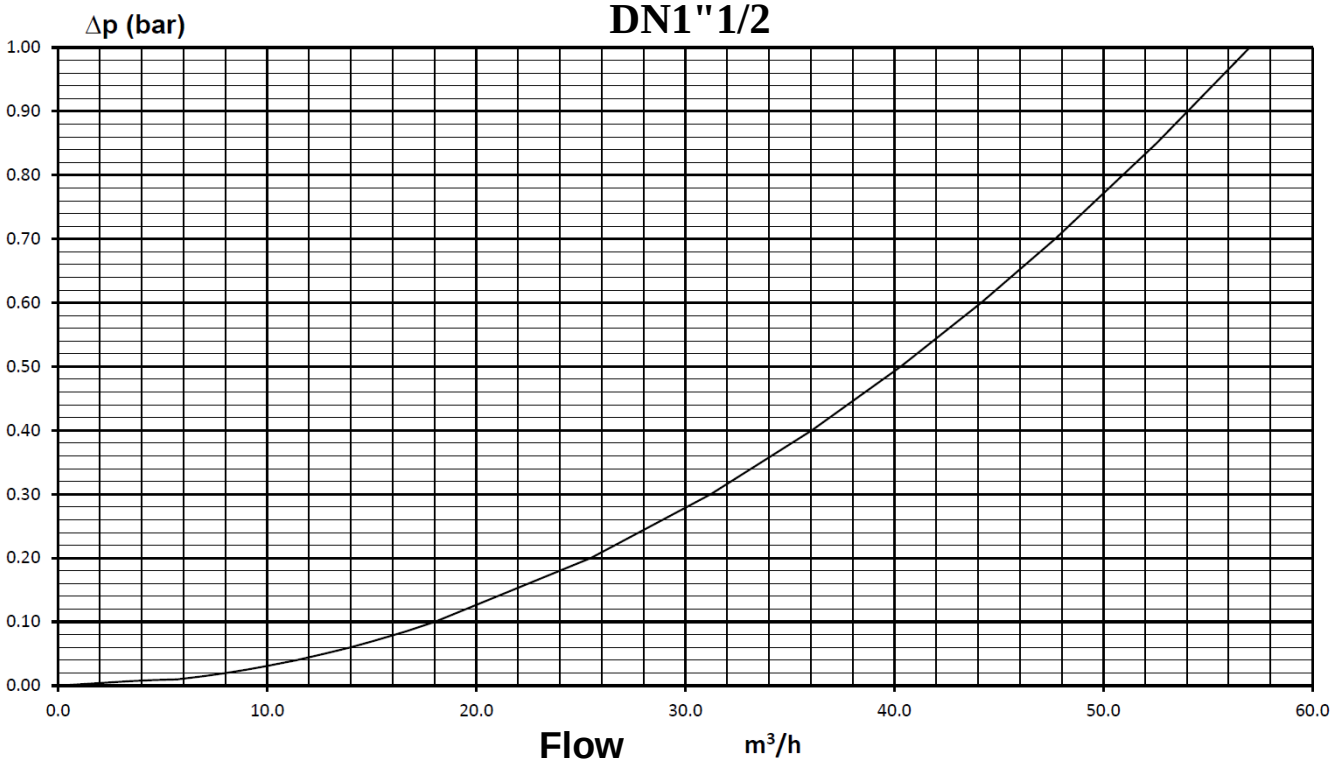

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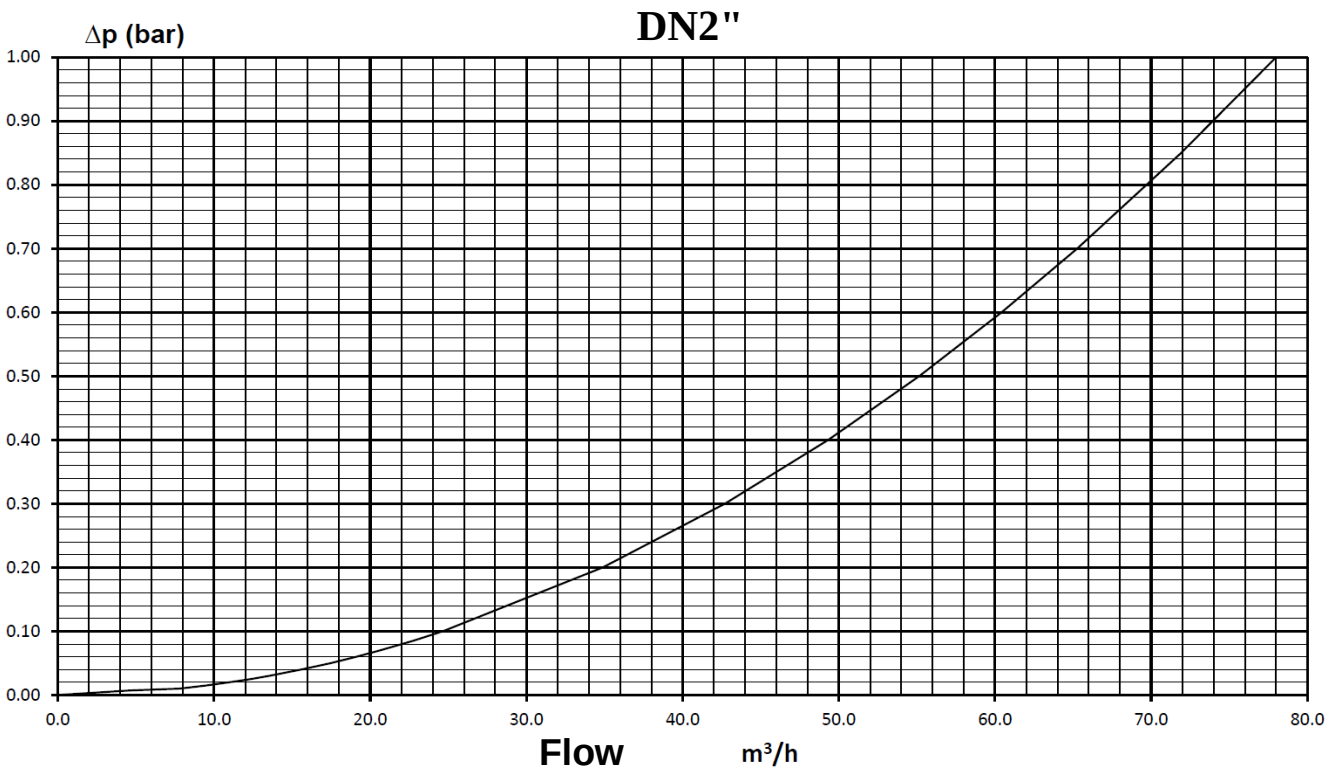

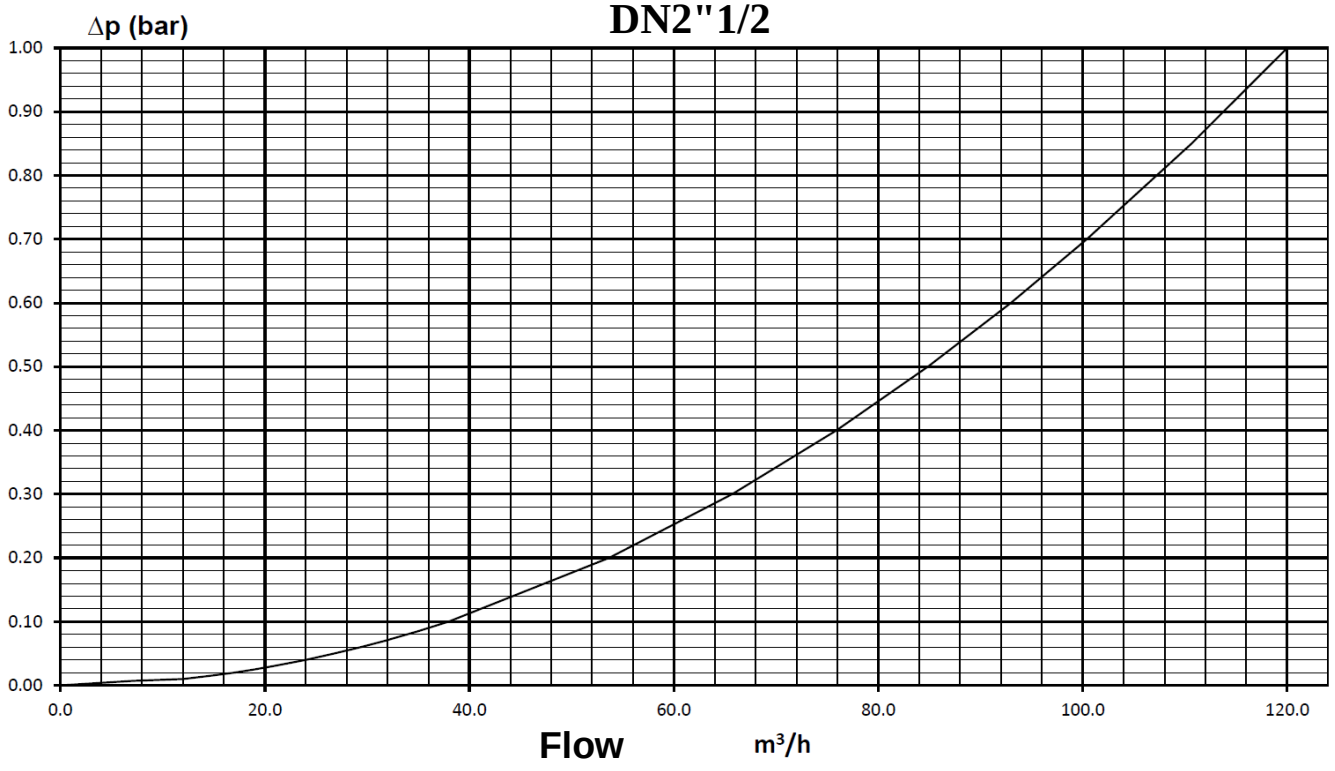

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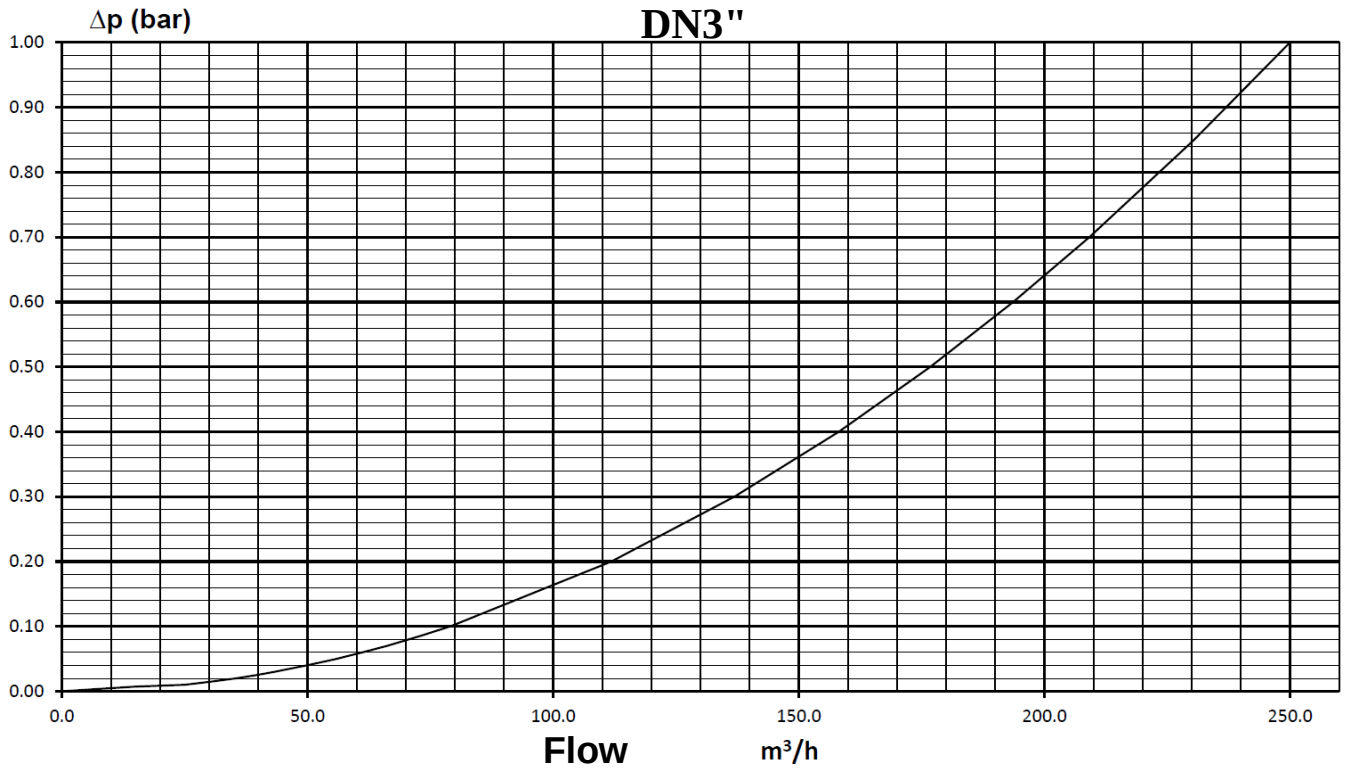

REPAIRABILITY :

DN	1"	1"1/4	1"1/2	2"	2"1/2	3"
Ø Ball	41		51	62	76	96
Ref. Ball	9803645	9803640	9803649	9803650	9803643	9803652
Ref. Bonnet gasket	9803670		9803671	9803672	9803673	9803674

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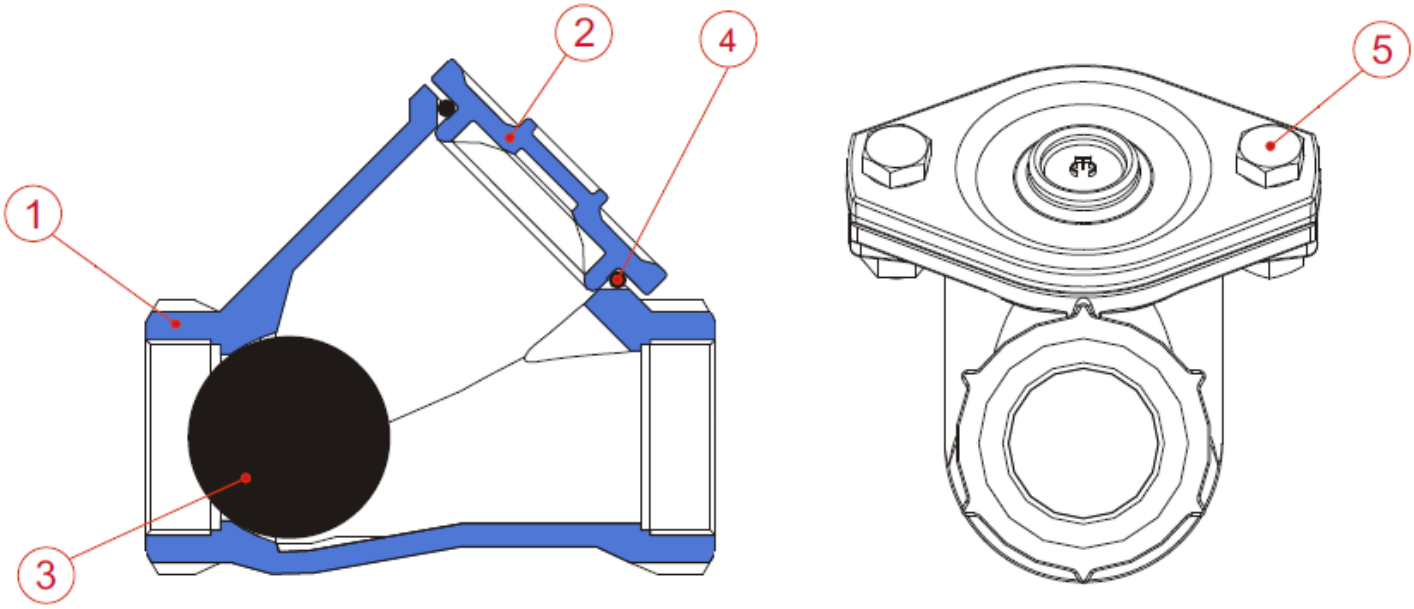
RANGE :

- Ductile iron ball check valve Female / female threaded cylindrical BSP **Ref. 335** DN1" to 3"

MATERIALS :



Item	Designation	Materials
1	Body	Ductile iron EN-GJS-400-15
2	Bonnet	
3	Ball	Aluminium + NBR
4	Bonnet gasket	NBR
5	Bolting	SS A-2

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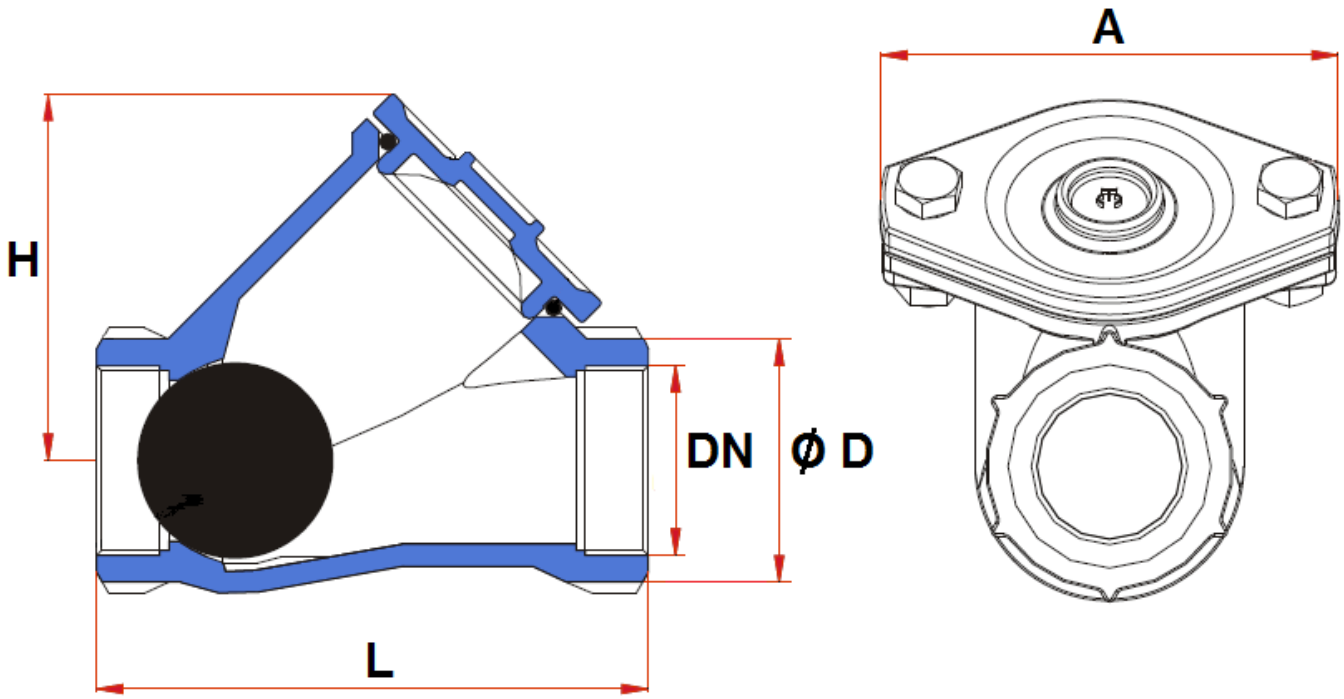
SIZE (in mm) :



DN	1"	1"1/4	1"1/2	2"	2"1/2	3"
L	141	141	150	175	214	248
H	85	85	90	115	135	160
A	110	110	120	140	155	185
Ø D	57	57	64	77	95	108
Weight (in Kg)	2.2	2.2	2.8	3.9	6.5	8.1
Ref.	335006	335007	335008	335009	335010	335011

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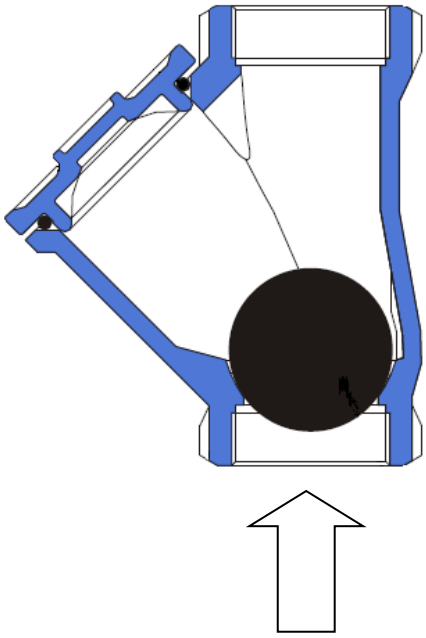
STANDARDS :

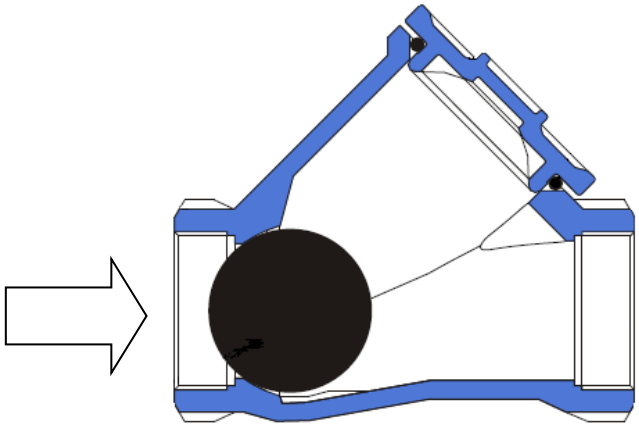
- Manufacturer certified ISO 9001: 2015 and ISO 14001 : 2015
- Designing according to EN 14341
- DIRECTIVE 2014/68/EU : Products excluded from directive (Article1, § 2b)
- Certificate 3.1 on request
- Tests according to ISO 5208, Rate A
- Threaded cylindrical female BSP ends according to ISO 228-1 and NFE 03-005
- According to water pumping stations NF EN 12050-4

INSTALLATION POSITIONS :

Vertical position (Ascendant fluid)



Horizontal position



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