

BRASS SPRING CHECK VALVE POM DISC NBR GASKET FEMALE BSP ACS 4MS

PRODUCT EVOLUTION



Be careful, our check valves Ref. 303 are changing

**We currently have 2 different types available (according to DN)
with different specifications and size**

New types :



Old types :



At the end, only the new types will be available (pages 2 to 6)

BRASS SPRING CHECK VALVE POM DISC NBR GASKET FEMALE BSP ACS 4MS

Brass spring check valve for drinking water, water distribution, watering and heating, water with glycol (30% max).
Brass CW510L-4MS body, PA disc and NBR gasket for an excellent low and high pressure tightness.
Perfect centering of the throttle on the seat thanks to the double axial and lateral guidance
All positions thanks to the stainless steel AISI 302 spring.



NEW TYPE



Size : DN3/8" to DN4"
Connection : Female BSP
Min Temperature : -20°C (the fluid should stay liquid)
Max Temperature : +100°C
Max Pressure : 12 Bars (up to DN1")
Specifications : All positions
AISI 302 spring
Polyamide PA disc
NBR gasket
Low head loss

Materials : Brass lead free CW510L-4MS

BRASS SPRING CHECK VALVE POM DISC NBR GASKET FEMALE BSP ACS 4MS

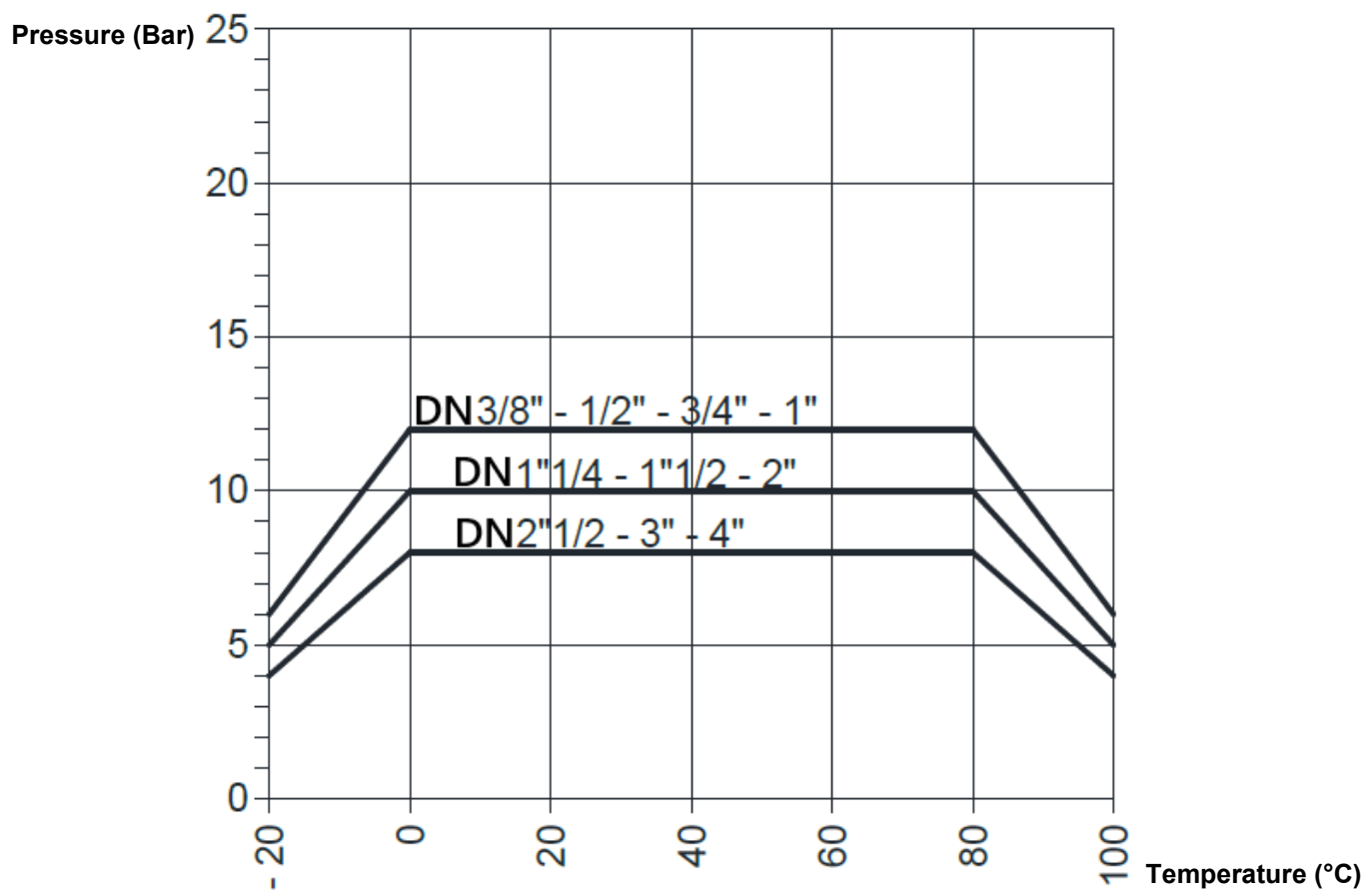
SPECIFICATIONS :

- Respect the flow direction indicated by the arrow
- Female / female type
- Polyamide PA throttle
- Perfect centering of the throttle on the seat thanks to the double axial and lateral guidance
- Low opening pressure
- Better mechanical strength thanks to the lead free brass CW510L-4MS body
- All positions with AISI 302 spring
- Excellent low and high pressure tightness thanks to the NBR gasket

USE :

- Heating, drinkable water, cold and hot water, water with glycol (30% max)
- Min Temperature Ts : - 20°C (fluid should stay liquid)
- Max Temperature Ts : + 100°C
- Max Pressure Ps : 12 bars up to DN1" , 10 bars from 1"1/4 to 2" and 8 bars over

PRESSURE / TEMPERATURE GRAPH :

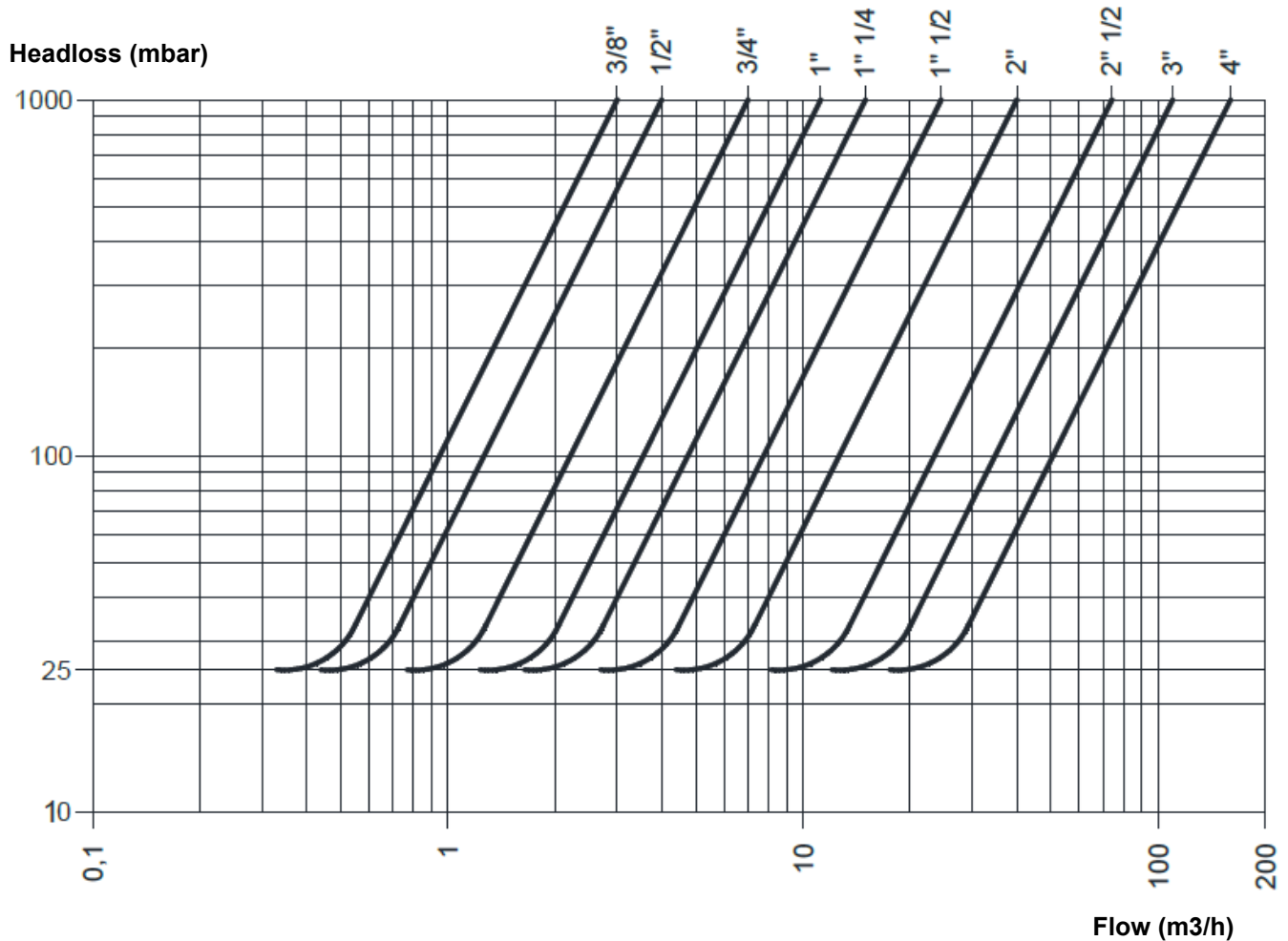


OPENING PRESSURE :

- Opening pressure 25 mbar mini

BRASS SPRING CHECK VALVE POM DISC NBR GASKET FEMALE BSP ACS 4MS

HEADLOSS GRAPH :



FLOW COEFFICIENT Kvs (M3 / h) :

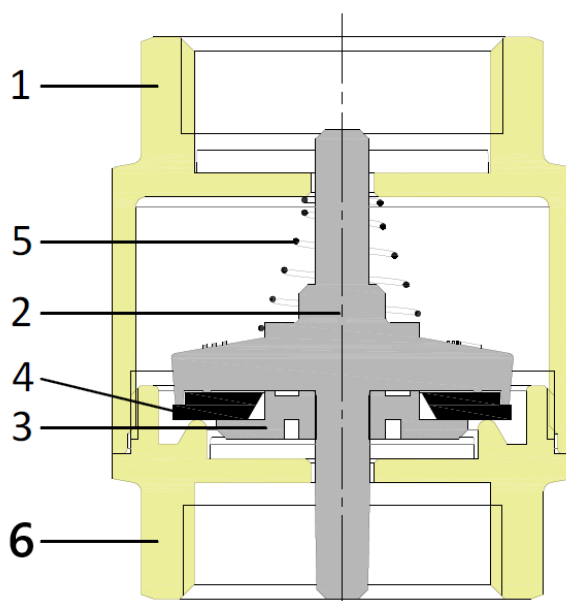
DN	3/8"	1/2"	3/4"	1"	1" 1/4	1" 1/2	2"	2" 1/2	3"	4"
Kvs (m3/h)	2.82	4.44	7.35	11.66	16.89	24.58	39.78	75.9	109.85	158.9

RANGE :

- Brass spring check valve threaded BSP cylindrical female from DN3/8" to DN4"

BRASS SPRING CHECK VALVE POM DISC NBR GASKET FEMALE BSP ACS 4MS

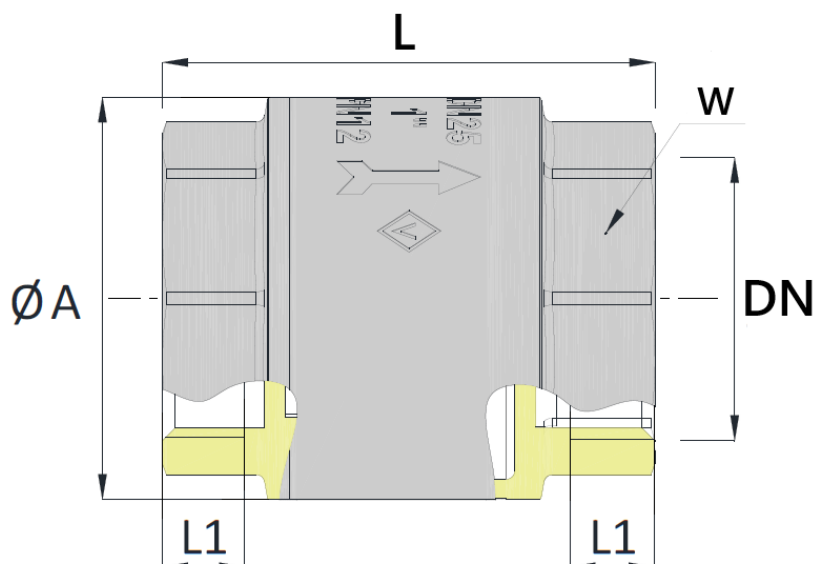
MATERIALS :



Item	Designation	Materials
1	Body	Lead free brass CW510L according to EN 12165
2	Disc	Polyamide PA
3	Ring	
4	Gasket	NBR
5	Spring	AISI 302
6	Nipple	Lead free brass CW510L according to EN 12165

BRASS SPRING CHECK VALVE POM DISC NBR GASKET FEMALE BSP ACS 4MS

SIZE (in mm) :



DN	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Ø A	34.5	34.5	41.5	47.5	60	70.5	86.5	101.5	124	155
L	45.5	45.5	51.5	58	64.5	72.5	80	93.5	103.5	116.5
L1	8	9.7	10.2	10	11.7	13.7	13.7	15.7	18.7	19.2
W (on flat)	26	26	32	39	47	55	66	83	96	123
Weight (Kg)	0.16	0.13	0.2	0.27	0.39	0.62	0.87	1.46	2.15	4.14
Ref.	303003	303004	303005	303006	303007	303008	303009	303010	303011	303012

STANDARDS :

- Manufacturer certified ISO 9001 :2015
- DIRECTIVE 2014/68/EU : Products excluded from directive (Article 4, § 3)
- French water agreement **A.C.S. N° 25 ACC NY 570**
- Threaded female BSP cylindrical ends according to ISO 228/1

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.

BRASS SPRING CHECK VALVE POM DISC NBR GASKET FEMALE BSP ACS 4MS

Brass spring check valve for drinking water, water distribution, watering and heating.
Brass CW617N-4MS body, POM disc and NBR gasket for an excellent low and high pressure tightness.
Perfect centering of the throttle on the seat thanks to the double axial and lateral guidance
All positions thanks to the stainless steel AISI 302 spring.



Size : DN3/8" to DN4"
Connection : Female BSP
Min Temperature : -10°C
Max Temperature : +110°C
Max Pressure : 16 Bars (up to DN1")
Specifications : All positions
AISI 302 spring
POM disc
NBR gasket

Materials : Brass CW617N-4MS according to EN 12165

BRASS SPRING CHECK VALVE POM DISC NBR GASKET FEMALE BSP ACS 4MS

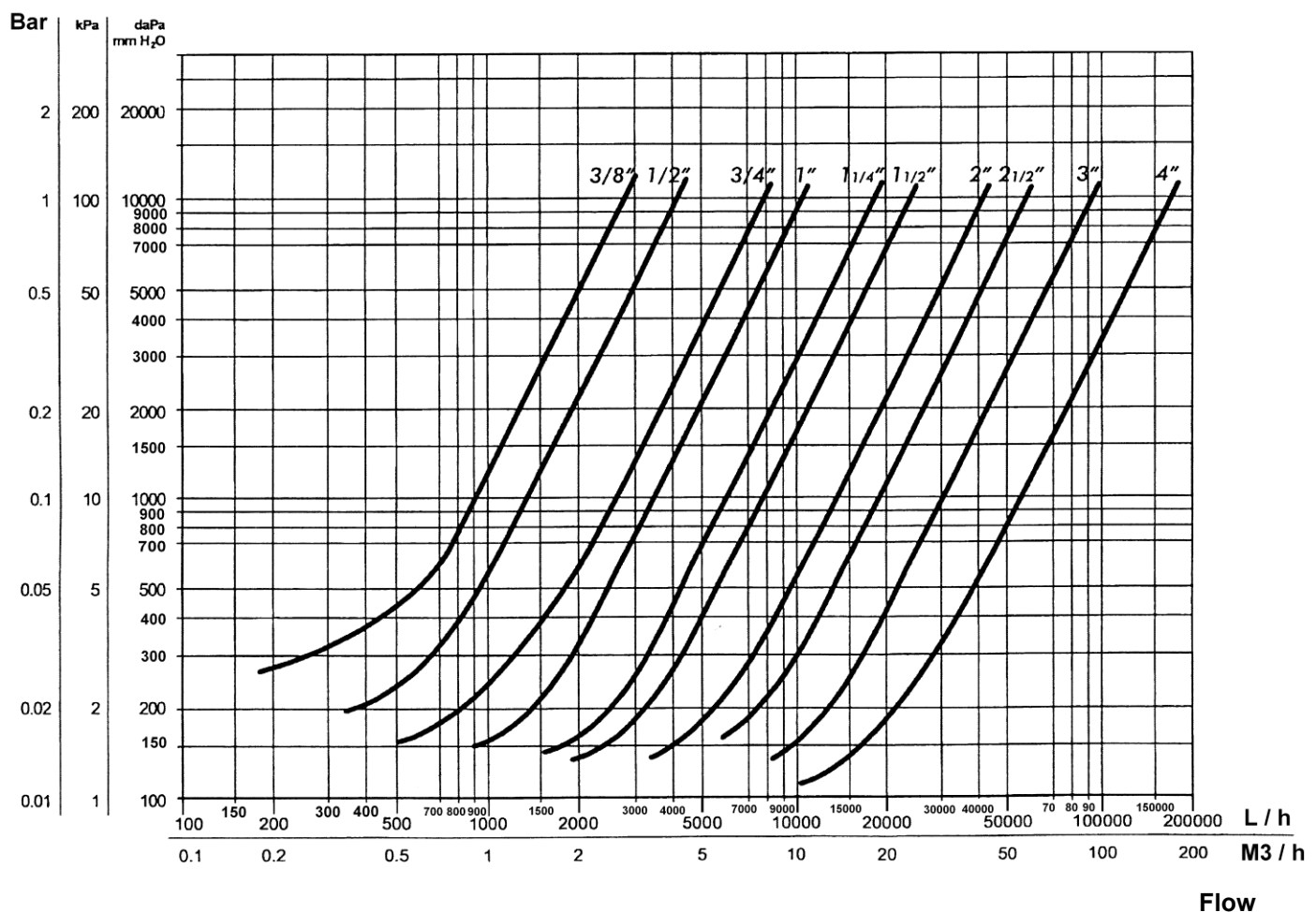
SPECIFICATIONS :

- Respect the flow direction indicated by the arrow
- Female / female type
- POM throttle
- Perfect centering of the throttle on the seat thanks to the double axial and lateral guidance
- Low opening pressure
- Better mechanical strength thanks to the brass CW617N-4MS body
- All positions with AISI 302 spring
- Excellent low and high pressure tightness thanks to the NBR gasket

USE :

- Heating, drinkable water, cold and hot water
- Min Temperature Ts : - 10°C
- Max Temperature Ts : + 110°C
- Max Pressure Ps : 16 bars up to DN1" , 10 bars from 1"1/4 to 2" and 8 bars over

HEAD LOSS GRAPH :



BRASS SPRING CHECK VALVE POM DISC NBR GASKET FEMALE BSP ACS 4MS

FLOW COEFFICIENT Kvs (M3 / h) :

DN	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Kvs (m3/h)	2.7	4	8	10.3	18	24	40	60	90	170

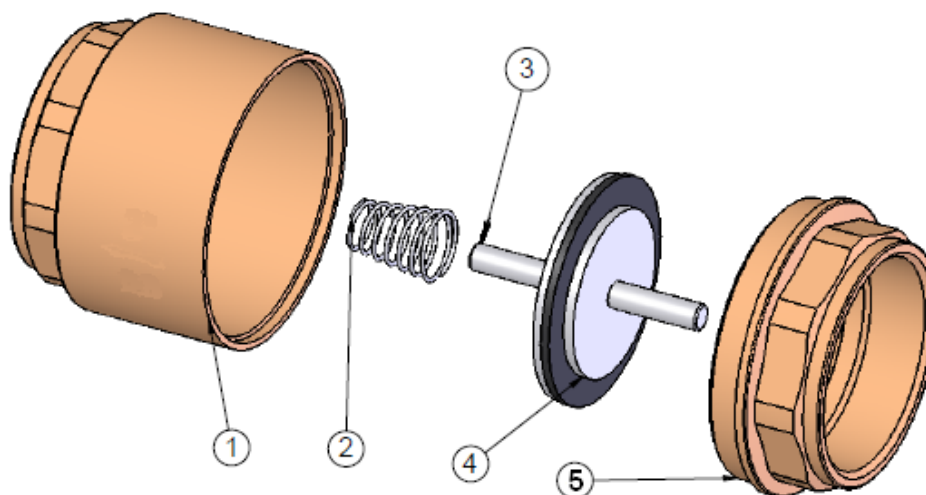
OPENING PRESSURE :

- Opening pressure between 20 and 200 mbar

RANGE :

- Brass spring check valve threaded BSP cylindrical female from DN3/8" to DN4"

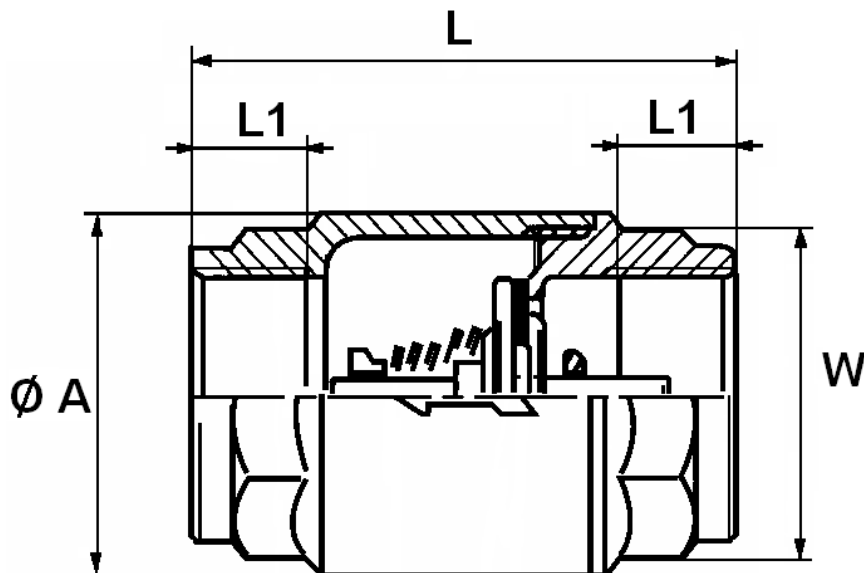
MATERIALS :



Item	Designation	Materials
1	Body	Brass CW617N-4MS according to EN 12165
2	Spring	AISI 302
3	Throttle	POM
4	Gasket	NBR
5	Bonnet	Brass CW617N-4MS according to EN 12165

BRASS SPRING CHECK VALVE POM DISC NBR GASKET FEMALE BSP ACS 4MS

SIZE (in mm) :



DN	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Ø A	29	30	37	44	56	63	78	103	120	155
L	45	48	53	59	66	71	80	93	104	119
L1	8	11	12	13	14	15	17	18	20	22
W (on flat)	21	25	31	38	47	54	68	84	97	121
Weight (Kg)	0.09	0.11	0.16	0.24	0.35	0.47	0.74	1.29	1.76	2.98
Ref.	303003	303004	303005	303006	303007	303008	303009	303010	303011	303012

STANDARDS :

- Manufacturer certified ISO 9001 :2015
- DIRECTIVE 2014/68/EU : Products excluded from directive (Article 4, § 3)
- French water agreement **A.C.S. N° 20 ACC LY 713**
- Threaded female BSP cylindrical ends according to ISO 228/1

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