

STAINLESS STEEL GATE VALVE FEMALE BSP PN16

PRODUCT EVOLUTION



Be careful, our stainless steel gate valves are changing

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

At the end, only the new type will be available (from pages 2 to 7)

STAINLESS STEEL GATE VALVE FEMALE BSP PN16

Stainless steel gate valve female threaded BSP, full bore to close fluids in chemical industries, petrochemical industries, hydraulic installation, heating, water distribution.

Rotating non-rising stem with inside screw.

PTFE packing on stem and PTFE bonnet gasket.

Certificate

3.1



LRQA
PED/2014/68/UE

NEW



Size : DN1/4" to DN2"

Connection : Female BSP

Min Temperature : -20°C

Max Temperature : +180°C

Max Pressure : 16 Bars

Specifications : Rotating non rising stem

Inside screw stem

Full bore

Materials : Stainless steel EN 1.4408

STAINLESS STEEL GATE VALVE FEMALE BSP PN16
SPECIFICATIONS :

- Full bore
- Rotating non rising stem
- Inside screw stem
- Screwed bonnet
- Single wedge
- Female / Female BSP cylindrical
- PTFE packing

USE :

- Chemical and pharmaceutical industries, petrochemical industries, hydraulic installation
- Min and max Temperature Ts : - 20°C to + 180°C
- Max Pressure Ps : 16 bars

FLOW COEFFICIENT Kvs (M3 / h) :

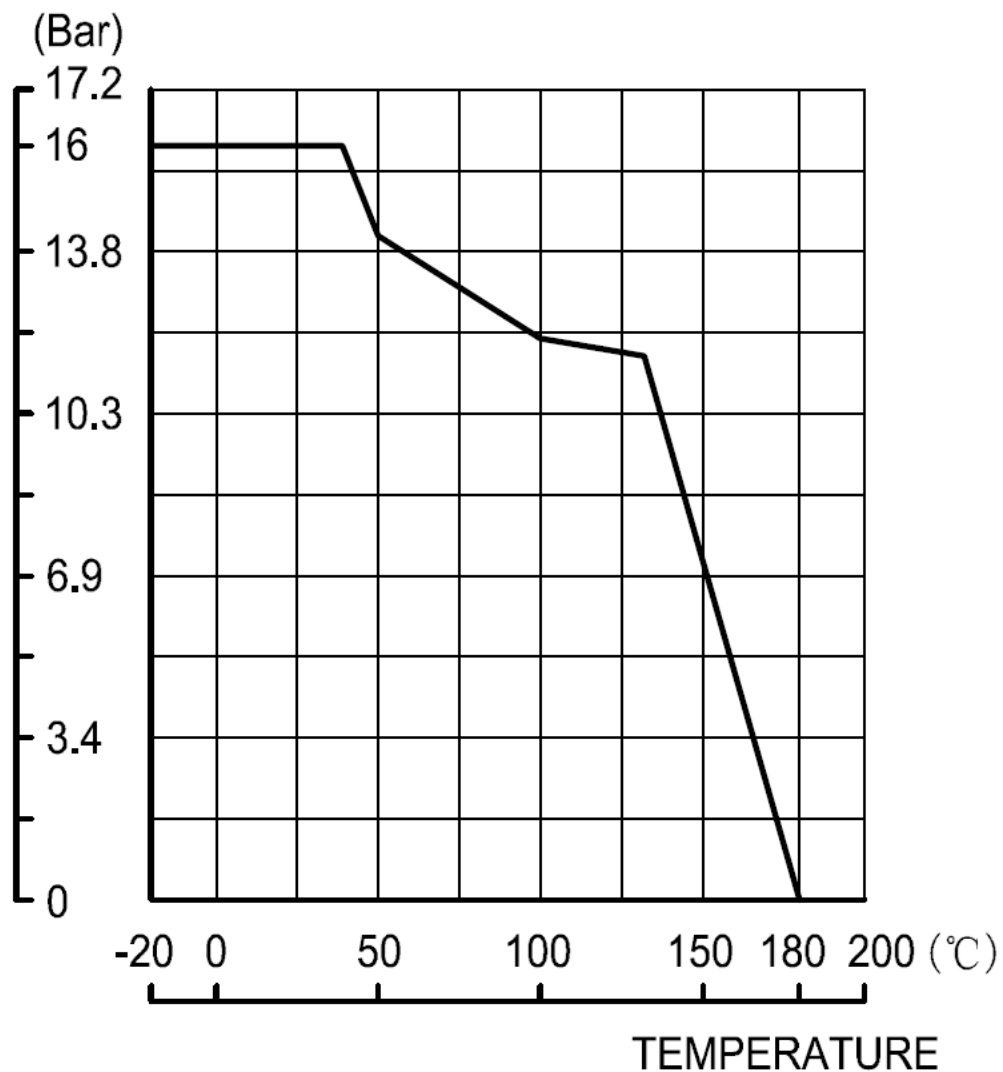
DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"
Kvs (m3/h)	17.6	33.6	54.7	96.6	145.8	240.5

NUMBER OF TURNS FOR CLOSING OR OPENING :

DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"
Nb of turns	12	14	17	21	23	29

STAINLESS STEEL GATE VALVE FEMALE BSP PN16

PRESSURE / TEMPERATURE GRAPH (STEAM EXCLUDED):

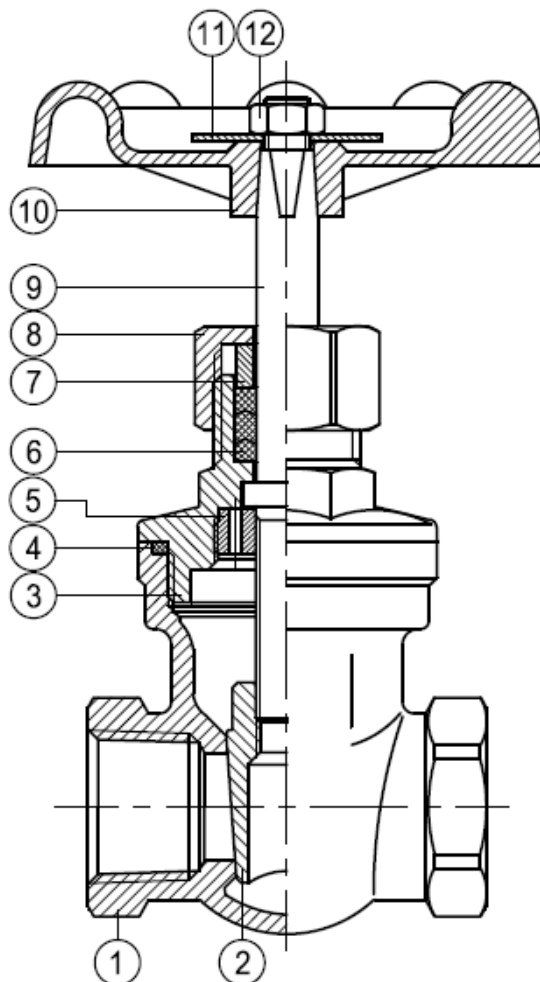


RANGE :

- Stainless steel gate Valve Female / female threaded BSP cylindrical **Ref. 106** from DN1/2" to DN2"

STAINLESS STEEL GATE VALVE FEMALE BSP PN16

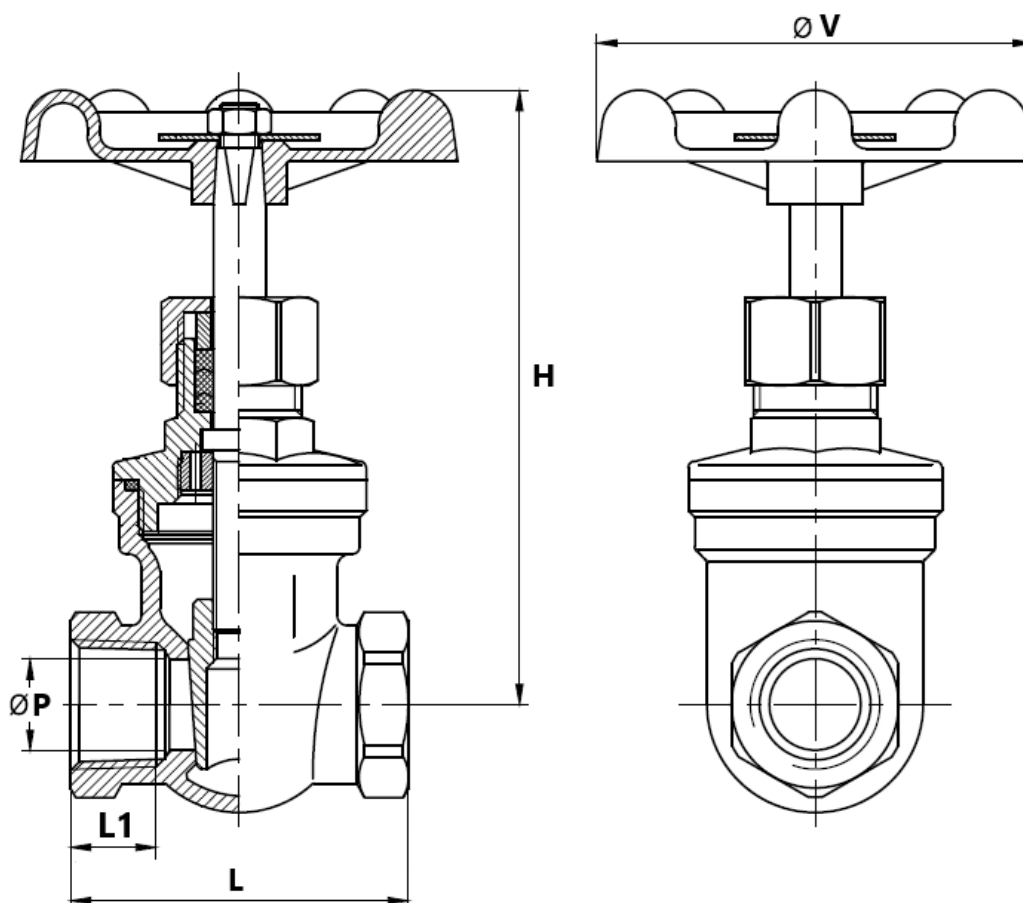
MATERIALS :



Item	Designation	Materials
1	Body	EN 1.4408
2	Wedge	
3	Bonnet	
4	Body gasket	PTFE
5	Locking ring	AISI 304
6	Packing	PTFE
7	Gland follower	AISI 304
8	Packing nut	ASTM A351 CF8M
9	Stem	AISI 316
10	Handwheel	Aluminium
11	ID plate	
12	Handwheel nut	AISI 304

STAINLESS STEEL GATE VALVE FEMALE BSP PN16

SIZE (in mm) :



DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"
Ø P	15	20	25	32	40	50
L	55	60	65	75	85	95
L1	14	17		20		27
H	101	108	115	132	149	175
Ø V	70	70	80	80	90	100
Weight (in Kg)	0.44	0.54	0.72	1	1.48	2.1
Ref.	106004	106005	106006	106007	106008	106009

STAINLESS STEEL GATE VALVE FEMALE BSP PN16**STANDARDS :**

- Manufacturer certified ISO 9001 :2015
- DIRECTIVE 2014/68/EU : For liquids and gas of Group 1
 - DN1/4"-1" : Article 4, §3 (SEP), no CE marking
 - DN1"1/4-2" : Risk Category I, CE0343 marking
- Pressure tests according to API 598
- Threaded female / female BSP cylindrical according to ISO 228/1

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The customer must check the right choice of the products with the real service conditions.

STAINLESS STEEL GATE VALVE FEMALE BSP PN16

Stainless steel gate valve female threaded BSP, full bore to close fluids in chemical industries, petrochemical industries, hydraulic installation, heating, water distribution.

Rotating non-rising stem with inside screw.

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Inside screw stem

Full bore

Materials : Stainless steel EN 1.4408

STAINLESS STEEL GATE VALVE FEMALE BSP PN16

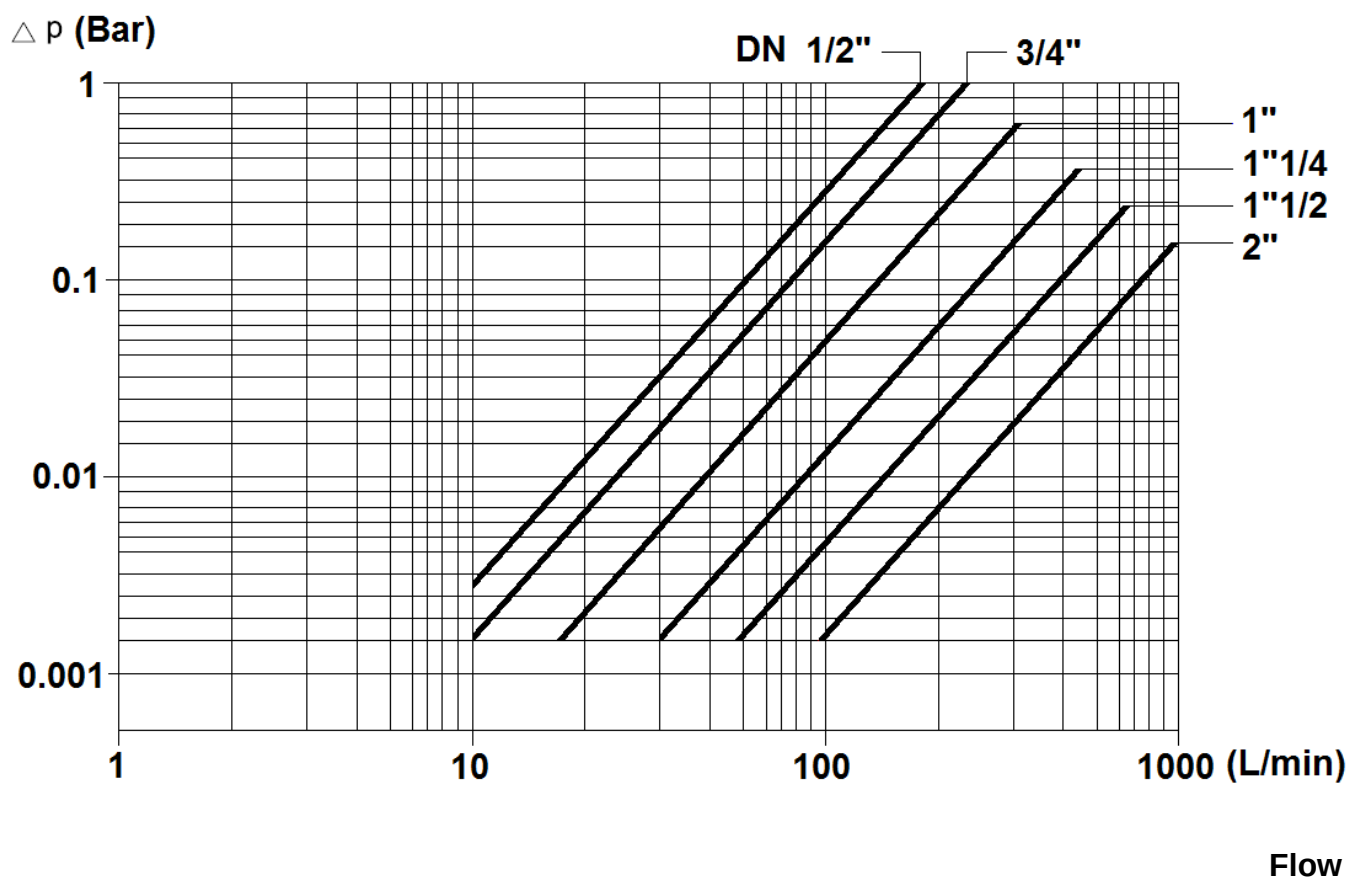
SPECIFICATIONS :

- Full bore
- Rotating non rising stem
- Inside screw stem
- Screwed bonnet
- Single wedge
- Female / Female BSP cylindrical
- PTFE packing

USE :

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- Min and max Temperature Ts : - 20°C to + 180°C
- Max Pressure Ps : 16 bars

HEAD LOSS GRAPH :



STAINLESS STEEL GATE VALVE FEMALE BSP PN16

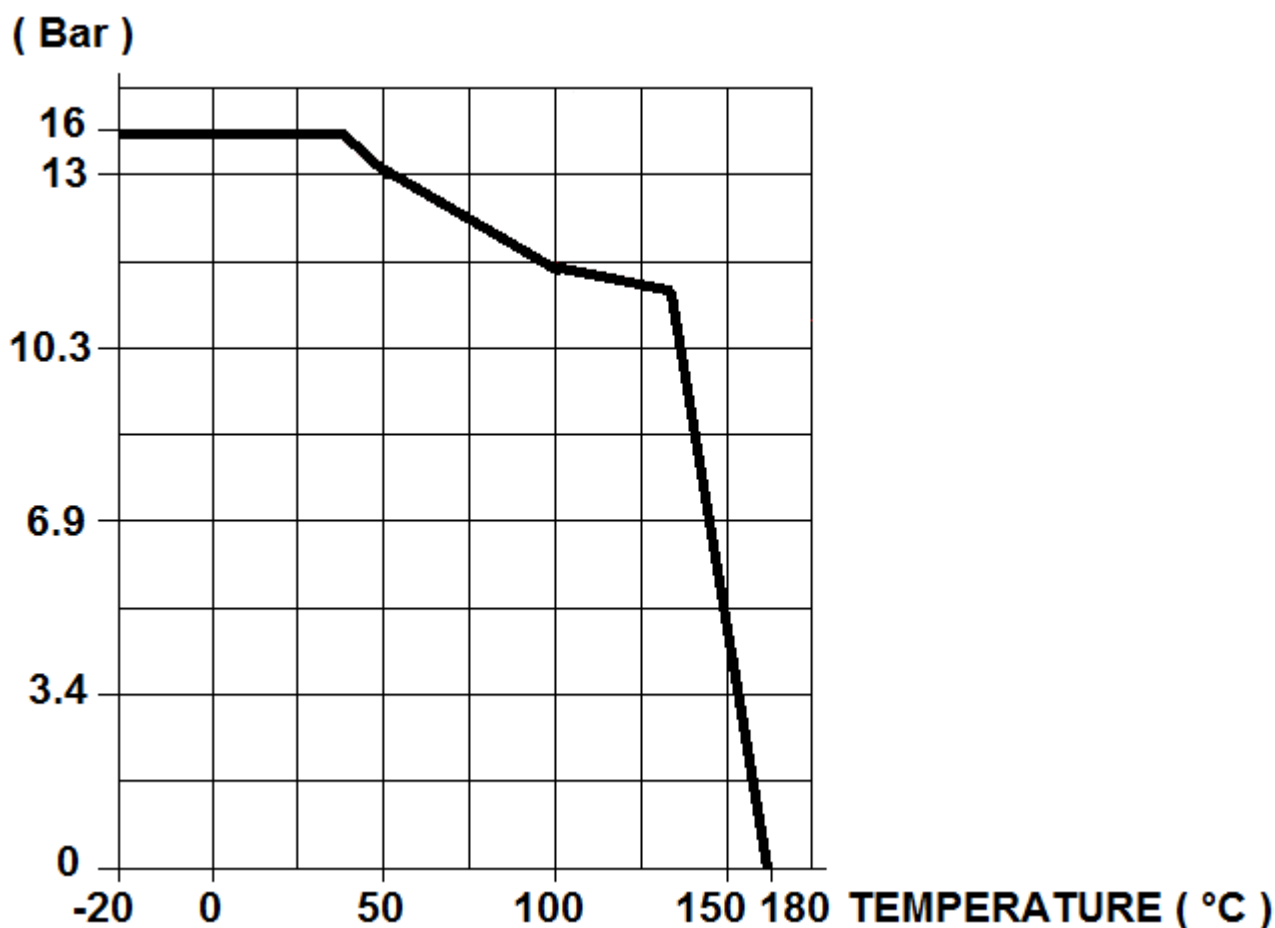
FLOW COEFFICIENT Kvs (M3 / h) :

DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"
Kvs (m3/h)	19.18	35.43	57.72	96.69	154.63	254

NUMBER OF TURNS FOR CLOSING OR OPENING :

DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"
Nb of turns	7.2	9.8	12.5	14.5	15.8	19.7

PRESSURE / TEMPERATURE GRAPH (STEAM EXCLUDED):

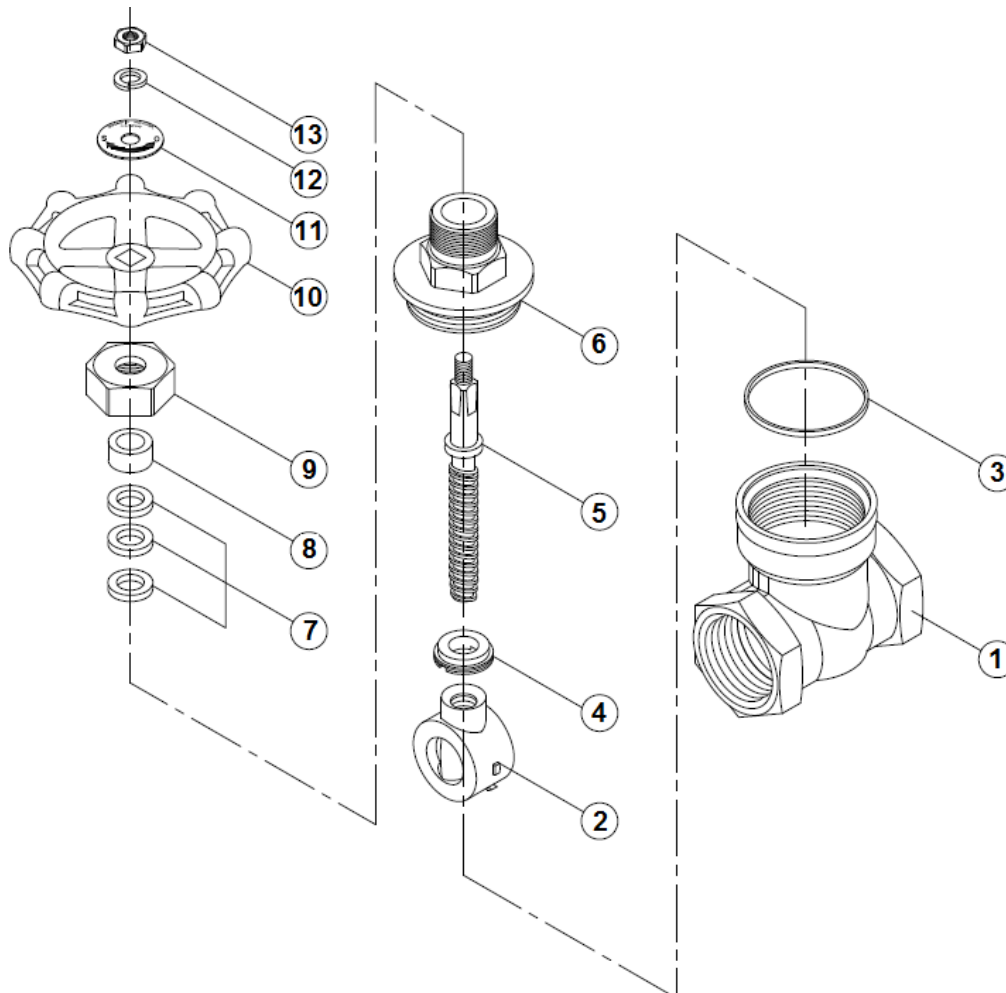


RANGE :

- Stainless steel gate Valve Female / female threaded BSP cylindrical **Ref. 106** from DN1/2" to DN2"

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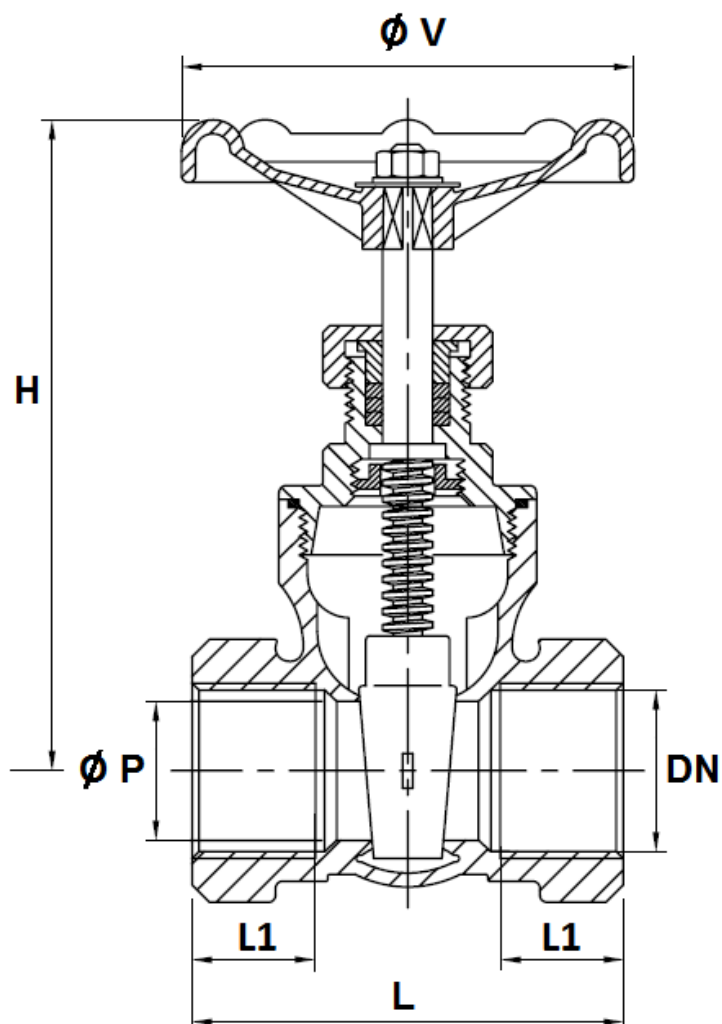
MATERIALS :



Item	Designation	Materials
1	Body	EN 1.4408
2	Wedge	
3	Body gasket	PTFE
4	Nut	AISI 316
5	Stem	
6	Bonnet	EN 1.4408
7	Packing	PTFE
8	Gland follower	AISI 304
9	Packing nut	ASTM A351 CF8M
10	Handwheel	Zamak
11	ID plate	Aluminium
12	Handwheel washer	AISI 304
13	Handwheel nut	

STAINLESS STEEL GATE VALVE FEMALE BSP PN16

SIZE (in mm) :



DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"
Ø P	15	20	25	32	40	50
L	55	60.5	65.5	76.5	85.5	95.5
L1	14.5	14.5	18	20	21	23
H	92	97	108.5	123.5	146	162
Ø V	70	70	80	80	90	100
Weight (in Kg)	0.44	0.57	0.74	1.12	1.55	2.25
Ref.	106004	106005	106006	106007	106008	106009

STAINLESS STEEL GATE VALVE FEMALE BSP PN16**STANDARDS :**

- Manufacturer certified ISO 9001 :2015
- DIRECTIVE 2014/68/EU : For liquids and gas of Group 1
 - DN1/4"-1" : Article 4, §3 (SEP), no CE marking
 - DN1"1/4-2" : Risk Category I, CE0038 or CE0343 marking
- Pressure tests according to EN 12266-1, Rate A
- Threaded female / female BSP cylindrical according to ISO 228/1

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