

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



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

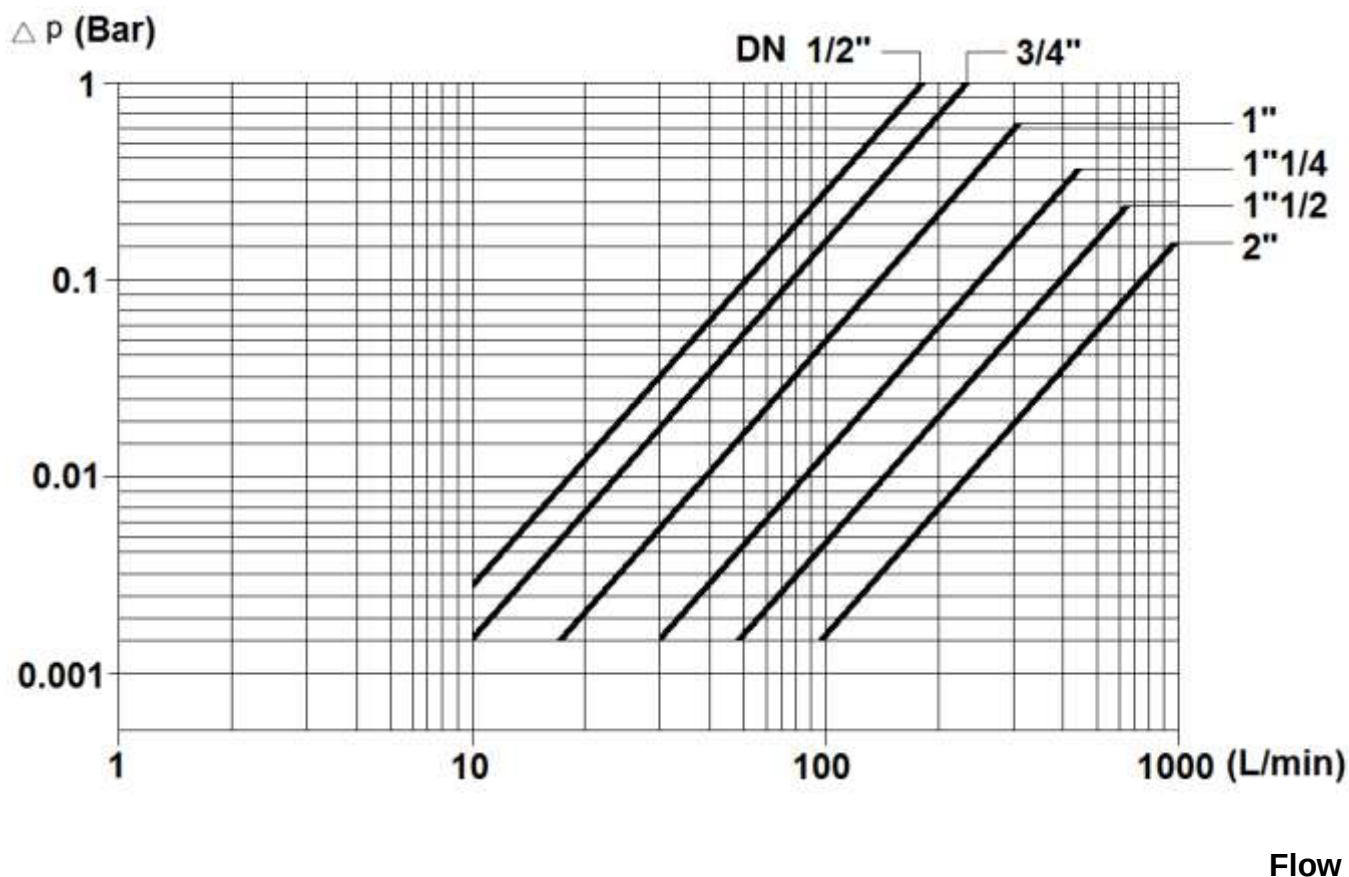
SPECIFICATIONS :

- 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

HEAD LOSS GRAPH :

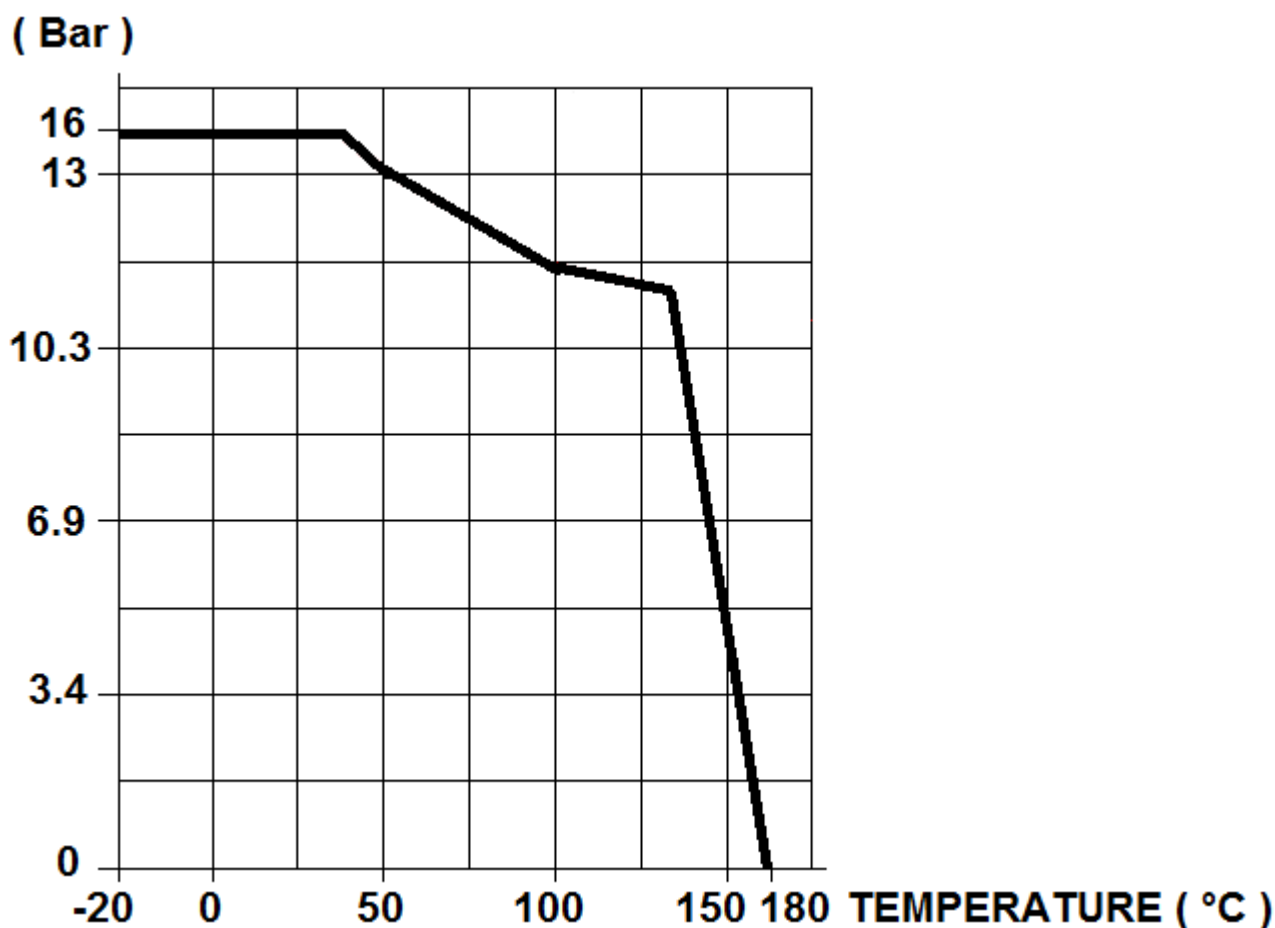


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FLOW COEFFICIENT Kvs (M3 / h) :

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 :

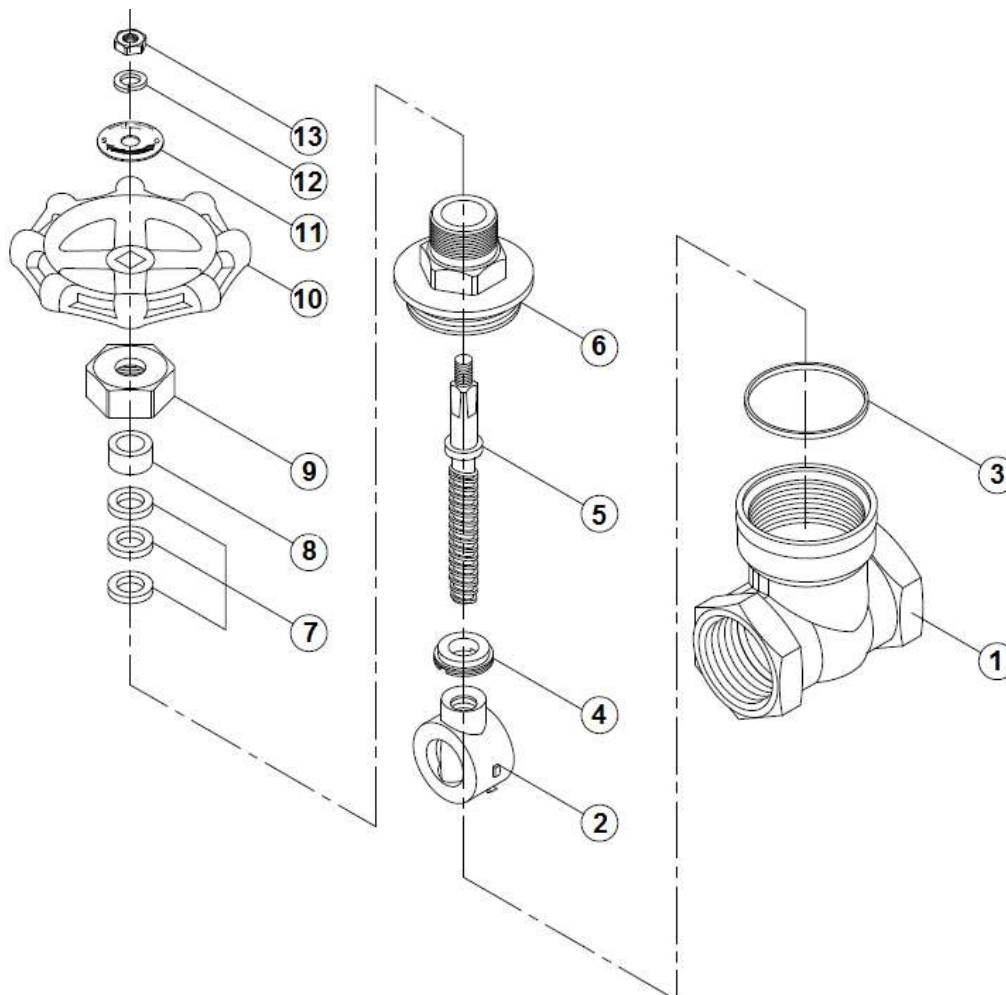
DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"
Nb of turns	7.2	9.8	12.5	14.5	15.8	19.7

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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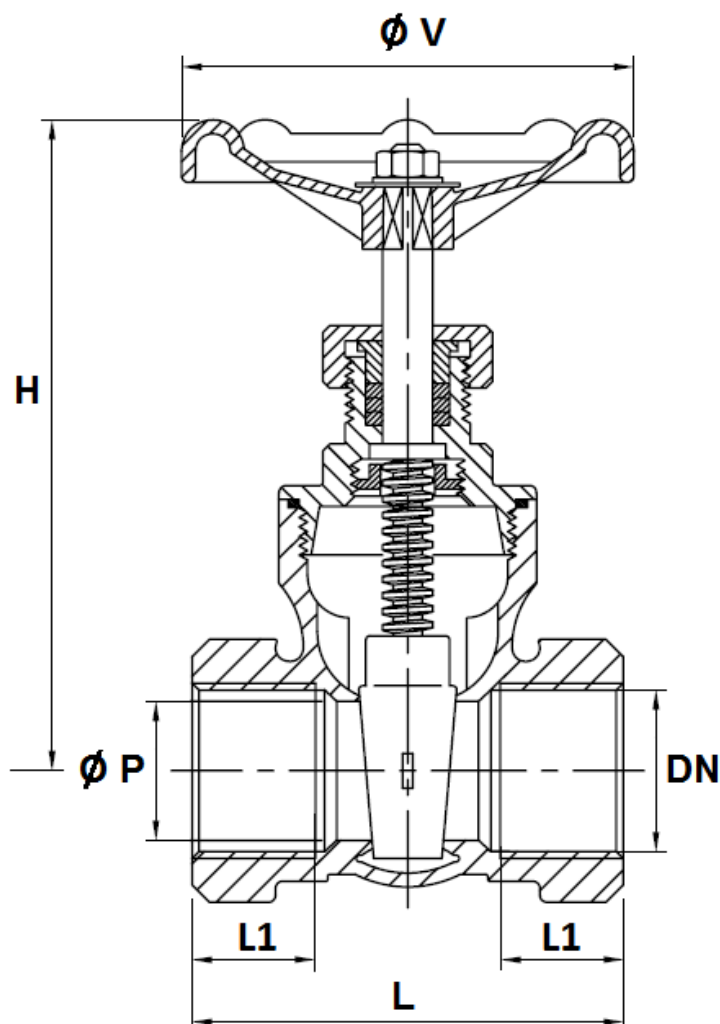
MATERIALS :



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	

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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

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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

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.