

Thread Ball valve stainless steel type GK19



description:

Thread Ball valve made of stainless steel with full port design. This ball-valve has a female and a male connection. With stainless steel-ball and PTFE stem sealing to shut off pipeline systems.

features:

- suitable for neutral and not neutral **gaseous & liquid media**
- two-pieces ball valve m x f
- blow-out proof stem
- locking device

connection:

1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2" inch

construction:

full port design

pressure:

max. 63 bar (see pressure-temperature-diagram)

design:

connection:

body material:

ball material:

seat:

stem seal:

handle:

temperature:

max. pressure

two-piece ball valve full port design, male & female connection

threaded female BSP cylindrical ends according to ISO 228-1

male BSP conical according to ISO 7-1 R

stainless steel 1.4408 / AISI CF8M

stainless steel 1.4401 / AISI 316

PTFE filled with 3% glass

PTFE

stainless steel 1.4301 / AISI 304 with plastic cover blue

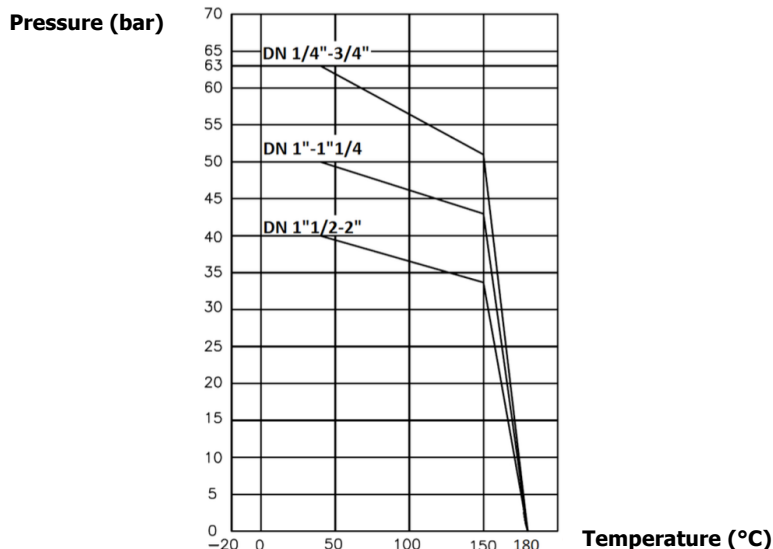
-20°C to +180°C (depending on working pressure)

max. 63 bar for 1/4" (DN8) to 3/4" (DN20)

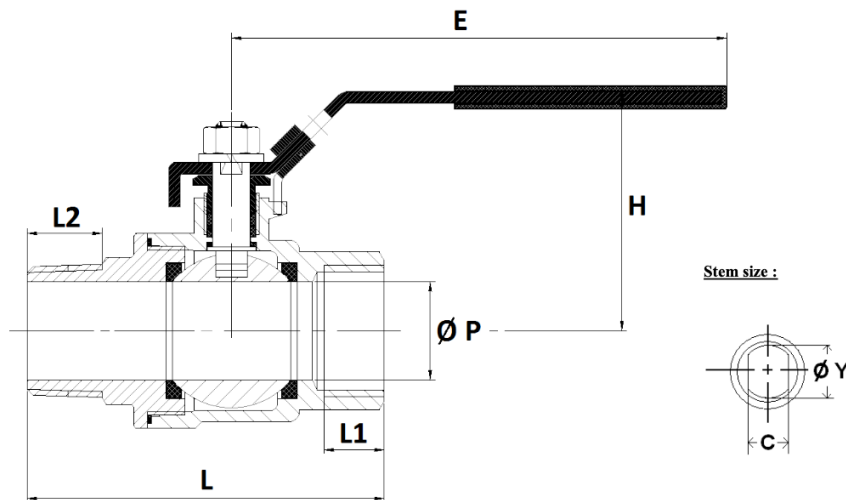
max. 50 bar for 1" (DN25) to 1 1/4" (DN32)

max. 40 bar for 1 1/2" (DN40) to 2" (DN50)

Pressure-temperature diagram:

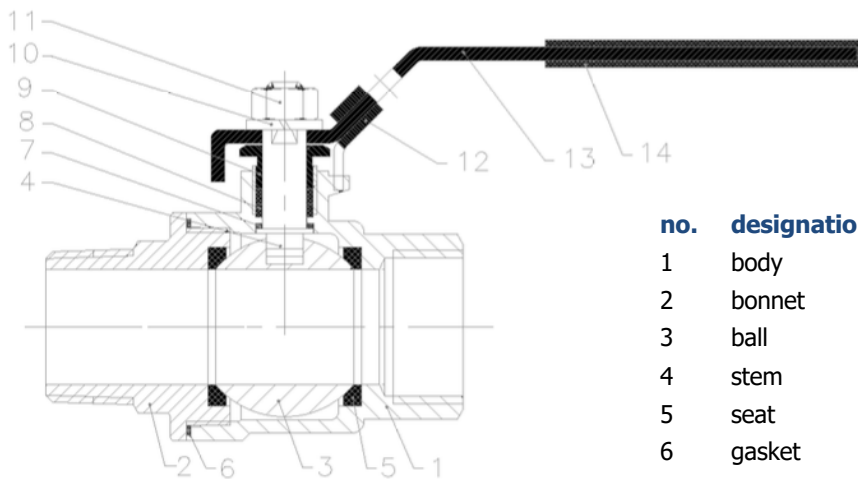


dimensions:



DN	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Ø P	10,8	11,6	15	20	25	32	38	50
L	56,5	58,2	69	77,7	90,5	105,5	114,2	139,5
E	103	103	103	126	126	154	154	192
H	43,5	43,5	49	59,4	63	80	84	94
L1	10,5	10,5	13	13,2	15,2	18	18,3	22,5
L2	11	11,4	15	16,5	19	21,5	21,5	26
C	5	5	5	5,8	5,8	7	7	8
Ø Y	8	8	8	8	8	10	10	10
Weight (kg)	0,18	0,19	0,26	0,42	0,61	1,06	1,48	2,64

materials:



no.	designation	material
1	body	stainless steel 1.4408 / ASTM A351 CF8M
2	bonnet	stainless steel 1.4408 / ASTM A351 CF8M
3	ball	stainless steel 1.4401 / AISI 316
4	stem	stainless steel 1.4401 / AISI 316
5	seat	PTFE filled with 3% fiber
6	gasket	PTFE
7	stem gasket	PTFE
8	packing	PTFE
9	packing nut	stainless steel 1.4301 / AISI 304
10	washer	stainless steel 1.4301 / AISI 304
11	handle nut	stainless steel 1.4301 / AISI 304
12	locking device	stainless steel 1.4301 / AISI 304
13	handle	stainless steel 1.4301 / AISI 304
14	handle cover	plastic

Torque (in Nm without safety factor)

DN	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Torque	4	4	6	10	14	20	25	35

Standards:

- DIRECTIVE 2014/68/EU: For liquids or gas of group 1
 - DN 1/4" (DN8) – 1" (DN25): Article 4, §3 (SEP), no CE-marking
 - DN 1 1/4" (DN32) – 2" (DN50): Risk Category II module D1, CE0035
- Pressure tests according to ISO 5208, Rate A
- Threaded female BSP cylindrical ends according to ISO 228-1 and male BSP conical according to ISO 7-1 R

article number:

Type	Version	Seal	Size
GK19	00 – female thread & male thread	00 – PTFE	01 – 1/4" 02 – 3/8" 03 – 1/2" 04 – 3/4" 05 – 1" 06 – 1 1/4" 07 – 1 1/2" 08 – 2"

Example no. GK19000005:

GK03	00	00	05
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Thread ball valve made of stainless steel
 Version: female thread & male thread
 Seal: PTFE
 Size: 1"

Image similar, subject change without notice.