K85

K85 131 063.715 DN1/4“- 4“
Ball valve threaded BSP

Size :	DN 1/4“ to 4“
Ends :	Threaded BSP
Min Temperature :	- 20°C
Max Temperature :	+ 180°C
Max Pressure :	63 Bars (up to DN3/4”)
Specifications :	Anti blow-out stem Locking device Full bore
Materials :	Stainless steel

K85

K85 131 063.715 DN1/4“- 4“
Ball valve threaded BSP

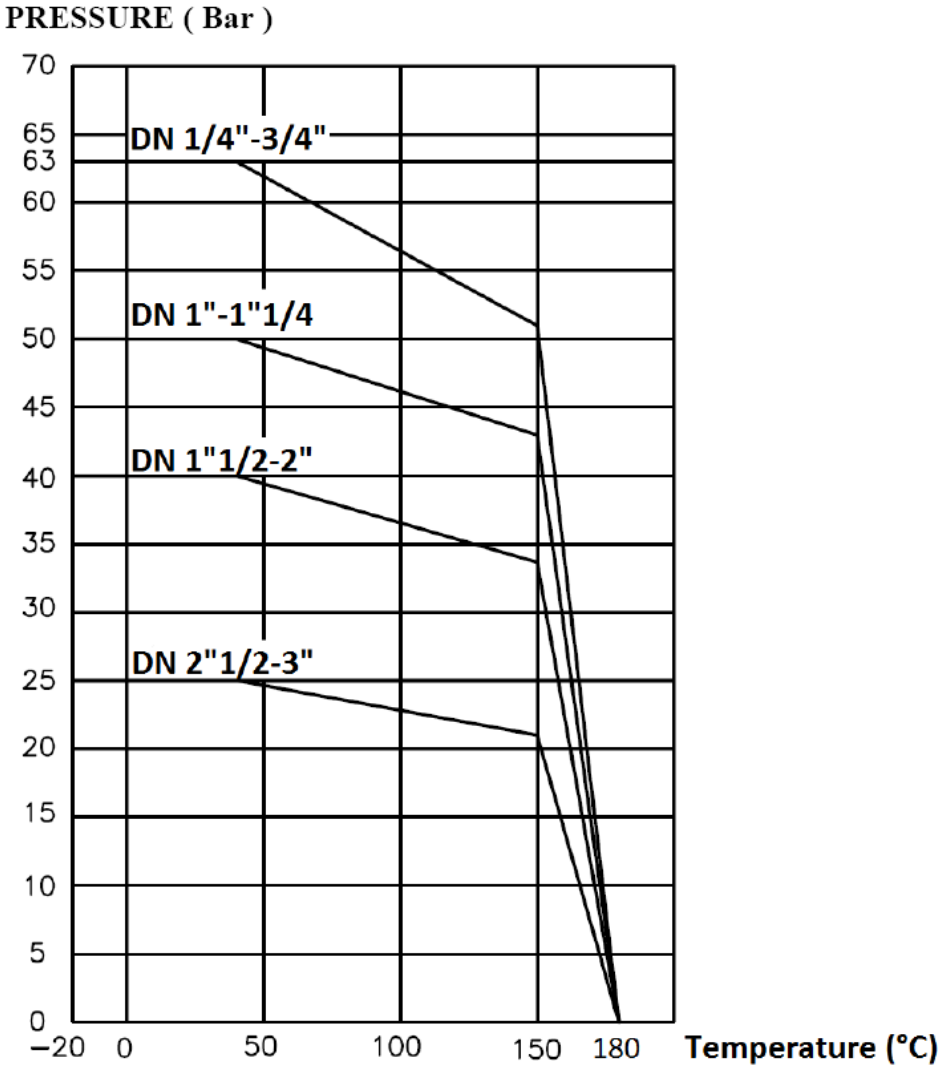
SPECIFICATIONS :

- Full bore
- Anti blow-out stem
- PTFE packing
- Locking device
- Solid ball
- 2 pieces type

USE :

- Chemical and pharmaceutical industries, petrochemical industries, hydraulic installation, compressed air
- Min and max Temperature Ts : -20°C to + 180°C
- Max Pressure Ps : 63 bars up to DN3/4“,50 bars from 1“ to 1“1/4,40 bars from 1“1/2 to 2“ , 25 bars from 2“1/2 to 3“, 16 bars for DN4” (see graph)

PRESSURE / TEMPERATURE GRAPH (STEAM EXCLUDED) :



K85

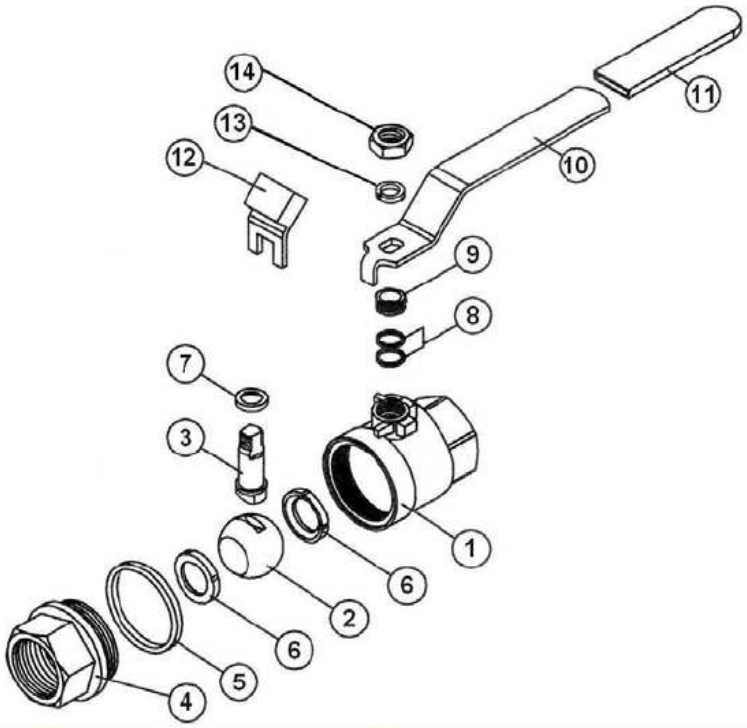
K85 131 063.715 DN1/4“- 4“
Ball valve threaded BSP

RANGE :

- Female / female threaded BSP Stainless steel blue handle **Ref. 715** from DN 1/4“ to DN 4“

- Gaine de poignée rouge **Ref. 9830370 à 9830374** du DN 1/4“ au DN 3“

MATERIALS :

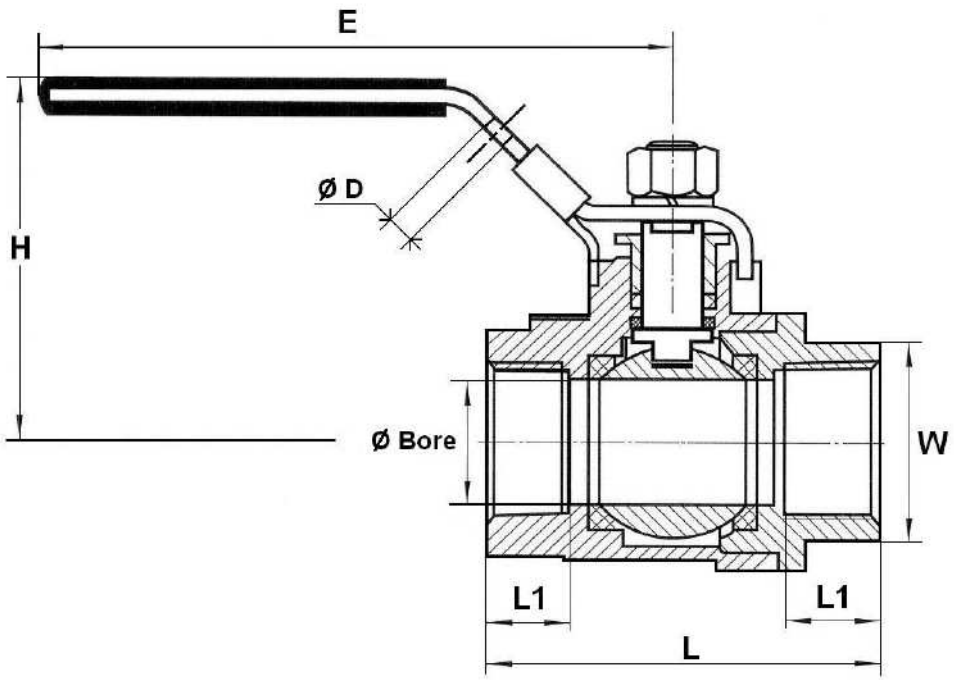


Item	Designation	Materials
1	Body	ASTM A351 CF8M
2	Ball	ASTM A351 CF8M
3	Stem	SS 316
4	Ends	ASTM A351 CF8M
5	Body seal	PTFE
6	Seat	PTFE filled with 3% glass fiber
7	Stem gasket	PTFE
8	Packing	PTFE
9	Packing nut	SS 304
10	Handle	SS 304
11	Handle cover	Plastic
12	Locking device	SS 304
13	Handle washer	SS 304
14	Handle nut	SS 304

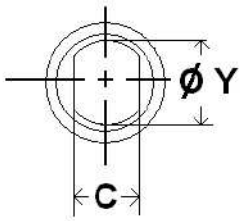
K85

K85 131 063.715 DN1/4“- 4“
Ball valve threaded BSP

SIZE (in mm) :



Stem size :



DN	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Ø Bore	11.6	11.6	15	20	25	32	38	50	65	76	94
L	46.8	48.5	58	65.7	77	90	98	121	145	166	214
Ø D	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
E	100	100	100	127	127	154	154	192	244	244	330
H	53	53	57	66	70	85	89	103	142	151	176
L1	10.5	10.5	13	13.2	15.2	18	18.3	22.5	25.5	28.4	36
W on flat	17	20.8	25.5	31	38.5	48	54	67	83.5	98	128
C	5	5	5	5.8	5.8	7	7	8	12	12	14
Ø Y	8	8	8	9.2	9.2	11	11	12.4	20	20	24
Weight (in Kg)	0.18	0.19	0.26	0.40	0.59	1	1.32	2.46	4.83	7.45	16.5

K85

K85 131 063.715 DN1/4“- 4“
Ball valve threaded BSP

TORQUE VALUES (in Nm without safety coefficient) :

DN	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Torque (Nm)	2.7	2.7	3	4	5	6	8	10	40	60	100

STANDARDS :

- Fabrication according to ISO 9001 : 2008
- DIRECTIVE 97/23/CE : CE N° 0035
  Risk Category II Module D1
- Pressure Tests according to EN 12266-1
- Threaded BSP cylindrical ends according to ISO 228-1

INSTALLATION AND MAINTENANCE

BEFORE INSTALLATION :

Pipe-line must be cleaned and free from residual of weldings,rubbish,shaving and every kind of extraneous materials.
Pipe-line must be perfectly aligned and their support properly dimensioned so that there’s no external constraint.

Please use the right product according to the services conditions to seal the valve.
Use the right bolt tightening so that the ends won’t be damaged.

CLEANING AND TESTS

Keep closed the valves during the cleaning operation so that there’s no impurities between the ball and the body.

Tests under pressure must be done with a cleaned pipe-line.

Open partially the valve for tests. Pressure test do not exceed the valve specifications according to EN 12266-1.

MAITENANCE

It’s recommended to operate the valve twice (open and close) 1 to 2 times per year.

When intervention on the valve, be sure there’s no pressure in the pipe-line, there’s no fluid in it,and that it is isolated.
The temperature must be low enough to operate without risks.
If there’s a corrosive fluid,inert installation before intervention.

When the valve is under pressure :

If there’s a leakage at the packing, tighten it slightly so that the leakage disappears.