NEEDLE VALVE
FIG. KG600N-0303 / KG604N-0303

GENERAL FEATURES:
- Needle valve in stainless steel ASTM A351 Gr. FC8M
- Lever in stainless steel
- Packing in PTFE
- Max. working pressure: 400 bar (6000 PSI)
- Temperature range: -20°C ~ 180°C

FIGURES:
-KG600N-0303: BSP threaded
-KG604N-0303: NPT threaded

APPLICATION:
- Standard fluids of group 2

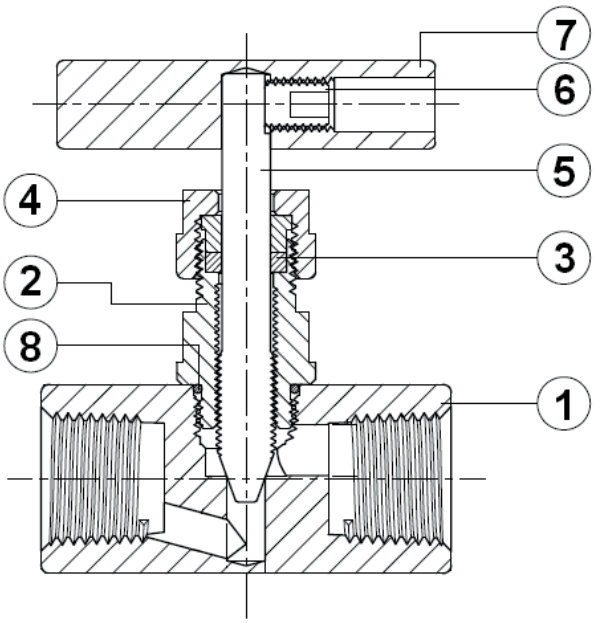


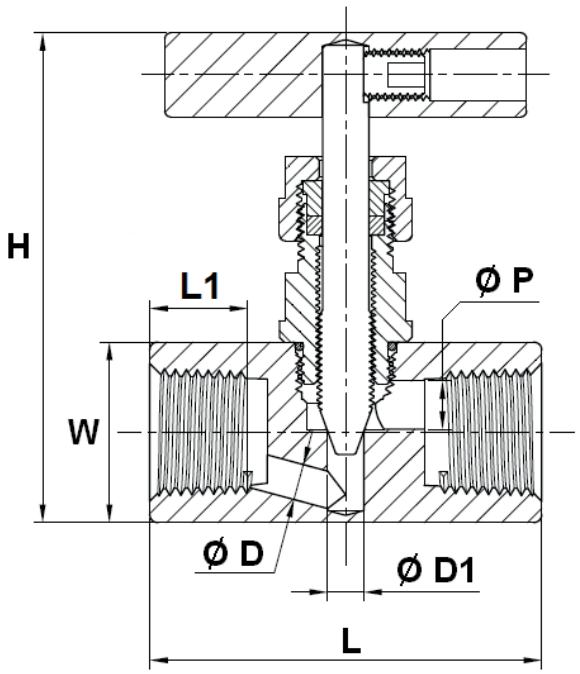
ATEX

DESIGN STANDARDS	
Construction	ISO 9001 : 2015
Connection	Threaded BSP cylindrical according to ISO 7/1 Rp
TESTS AND CERTIFICATES	
Quality Assurance	ISO 9001, CE-PED (excluded according to art. 4.3 sound engineering practice)
Pressure test	API 598, table 6
ATEX	Group II Category 2 G/2D Zone 1 & 21, Zone 2 & 22

Subject to changes

NEEDLE VALVE
FIG. KG600N-0303 / KG604N-0303





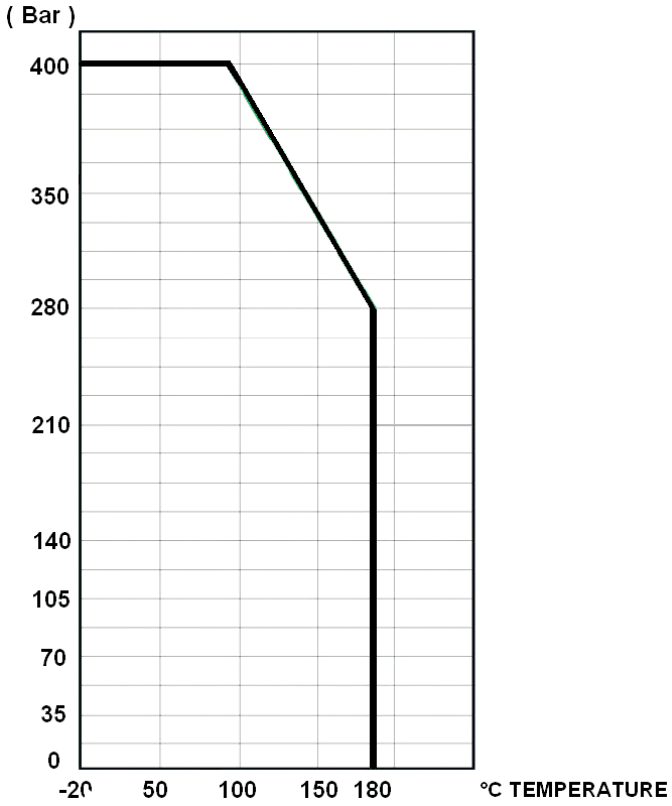
Item	Description	Materials
1	Body	ASTM A351 Gr. CF8M
2	Bonnet	ASTM A240-304
3	Packing	PTFE
4	Packing nut	Stainless steel AISI 304
5	Stem	ASTM A240-304
6	Handle screw	Stainless steel AISI 304
7	Handle	Stainless steel AISI 304
8	O-ring	FKM

DIMENSIONS: (mm)

Ø	DN	L	L1	H (closed)	H (open)	W	ØD	ØD1	ØP	Kg
1/4”	8	46	9,5	76,5	87,1	22	5	6	5,0	0,3
3/8”	10	59	12,0	73,2	89,8	25	5	6	6,3	0,4
1/2”	15	65	16,3	79,7	93,4	30	6	6	8,0	0,5
3/4”	20	70	17,0	115,0	129,4	35	8	8	10,0	0,8
1”	25	80	19,0	116,2	136,7	45	8	8	12,0	1,3

Subject to changes

PRESSURE-TEMPERATURE CHART:



OPENING/CLOSING:

Ø	Number of turns (open/close)
1/4”	8
3/8”	9
1/2”	11
3/4”	8
1”	12

Kvs VALUES:

Ø	Kvs (m³/h)
1/4”	0,70
3/8”	0,78
1/2”	1,04
3/4”	1,12
1”	1,55

Subject to changes