ADL APPENDAGES

REF. 403

FORGED CARBON STEEL A105N GLOBE VALVE TRIM 8 WITH BELLOW CLASS 600 NPT

Forged carbon steel globe valve TRIM8 with bellow NPT Class 600 standard bore for petroleum industry, steam, oil and gas and high pressure.
Rising non rotating stem (OS&Y) with bolted bonnet.
Graphite packing, stainless steel bellow and stainless steel + graphite bonnet gasket.
Compatible with explosive atmosphere, ATEX Zone 1&21 and Zone 2&22.

Certificate 3.1

PED 2014/68/UE



Size :	DN 1/2" to 2"
Connection :	NPT
Min Temperature :	-29°C
Max Temperature :	+425°C
Max Pressure :	100 Bars (Class 600)
Specifications :	Rising non rotating stem (OS&Y) Bolted bonnet and gland pack Standard bore
Materials :	Forged carbon steel ASTM A105N

FORGED CARBON STEEL A105N GLOBE VALVE TRIM 8 WITH BELLOW CLASS 600 NPT

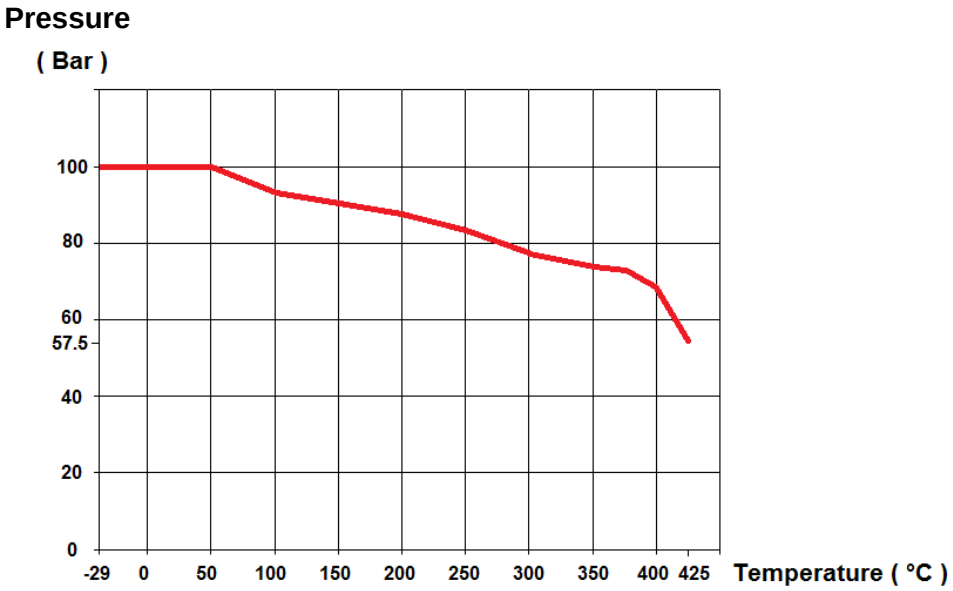
SPECIFICATIONS :

- Respect the flow direction (indicated by the arrow)
- Standard port
- Rising stem non rotating
- Bolted bonnet and gland pack
- Forged Carbon steel A105N
- ½ stellite (Trim 8)
- Stainless steel bellow
- Class 600

USE :

- Petroleum industry, steam, high pressure
- Min and max Temperature Ts : - 29°C to + 425°C
- Max Pressure Ps : 100 bars (see graph)

PRESSURE / TEMPERATURE GRAPH :



Pressure (bar)	100	100	100	92.8	90.5	87.6	83.4	77.5	73.9	72.9	69	57.5
Temperature (°C)	-29	38	50	100	150	200	250	300	350	375	400	425

FLOW COEFFICIENT Kvs (M3 / h) :

DN (")	1/2"	3/4"	1"	1"1/4	1"1/2	2"
Kvs (m3/h)	1.3	3.3	5.9	9.5	12.4	21.6

Gegevens ter indicatie, wijzigingen voorbehouden.

ADL APPENDAGES

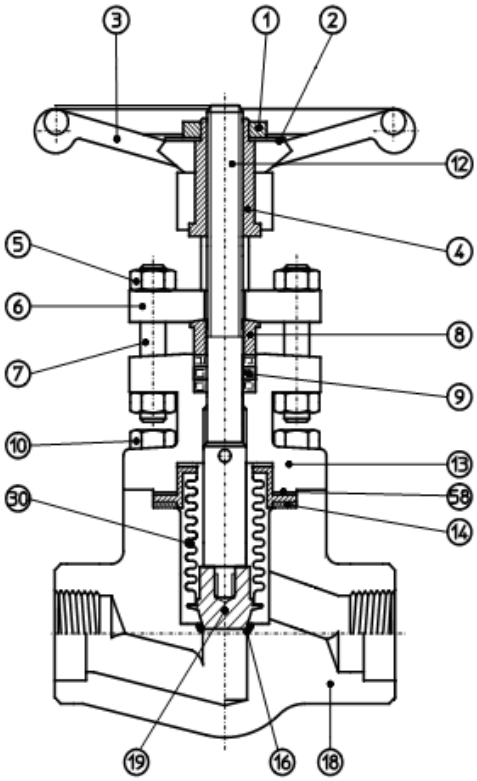
REF. 403

FORGED CARBON STEEL A105N GLOBE VALVE TRIM 8 WITH BELLOW CLASS 600 NPT

RANGE :

- Forged A105N carbon steel globe valve with bellow and female NPT ends **Ref. 403** DN 1/2“ to DN 2“

MATERIALS:



Repairability :

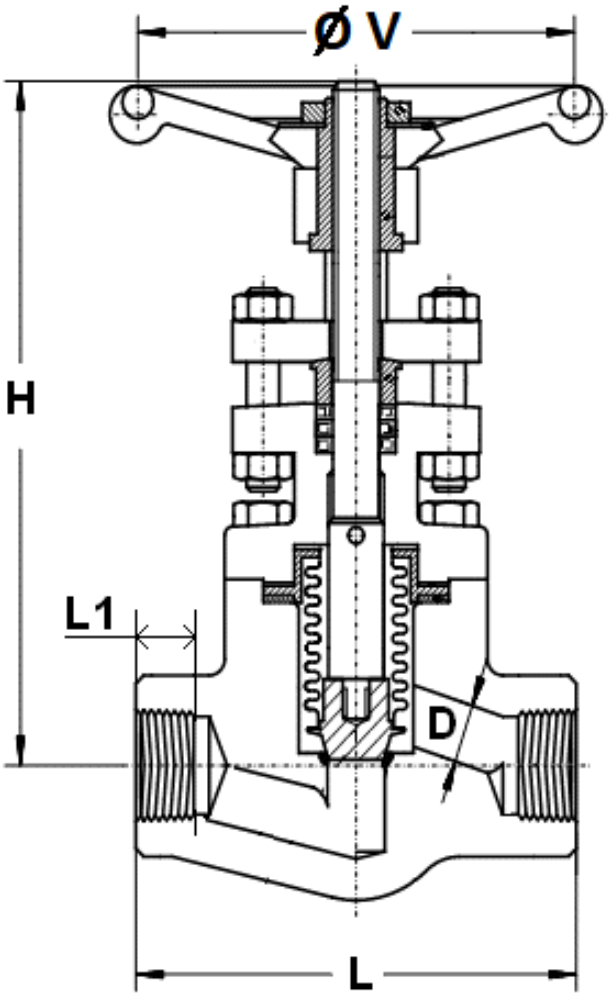


*Kit seat + disc + gasket TRIM5 (Items 16, 19 and 58)	
DN	**Ref.**
1/2“	9860301
3/4“	9860302
1“	9860303
1“1/4	9860304
1“1/2	9860305
2“	9860306

Item	Designation	Materials
1	Wheel nut	Carbon steel
2	Name plate	Aluminium
3	Handwheel	Carbon steel
4	Yoke nut	ASTM A582 type 416
5	Gland nut	ASTM A194 2H
6	Gland flange	ASTM A105
7	Gland stud	AISI 410
8	Gland	ASTM A276 type 410
9	Packing	Graphite
10	Bolts	ASTM A193 B7
12	Stem	ASTM A276 type 410
13	Bonnet	ASTM A105N
14	Gasket	AISI 316 + graphite spiral wound
16*	Seat	Stellite GR.6’
18	Body	ASTM A105N
19*	Disc	ASTM A276 type 410
30	Bellow	ASTM A479 type 321
58*	Gasket	Renforced graphite

FORGED CARBON STEEL A105N GLOBE VALVE TRIM 8 WITH BELLOW CLASS 600 NPT

SIZE (in mm) :



DN (")	1/2"	3/4"	1"	1"1/4	1"1/2	2"
Ø D	9	13	17.5	22.5	29.5	35
L	80	90	110	127	155	170
H (opened)	136	144	167	194	220	230
Ø V	90	90	110	130	130	180
L1	15	18	19	20	21	21
Weight (in Kg)	1.85	2.07	3.44	5	7.1	11
Ref.	403004	403005	403006	403007	403008	403009

Gegevens ter indicatie, wijzigingen voorbehouden.

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STANDARDS :

- Manufacturer certified **ISO 9001 : 2015**
- DIRECTIVE 2014/68/EU: For liquids or Gas of Group 1
    - DN 1/2"-1" : Article 4, §3 (SEP), no CE marking
    - DN 1"1/4-2" : Risk category II, CE 0036 marking
- Certificate 3.1 on request
- Designing according to **ISO 15761** and **API 602** 8th
- Pressure Tests according to **API 598, table 6**
- Valves approved by the main oil industries (certificates on request)
- ATEX Group II Category 2 G/2D T3 Zone 1 & 21 Zone 2 &22 (optional marking) according to directive 2014/34/EU
- Threaded female NPT ends according to **ANSI B1.20.1**

Gegevens ter indicatie, wijzigingen voorbehouden.