ADL APPENDAGES

REF. 404

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

Forged carbon steel globe valve TRIM8 with bellow BSP 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 :	DN15 to DN50 (NPS 1/2" to 2")
Connection :	BSP
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

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REF. 404

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

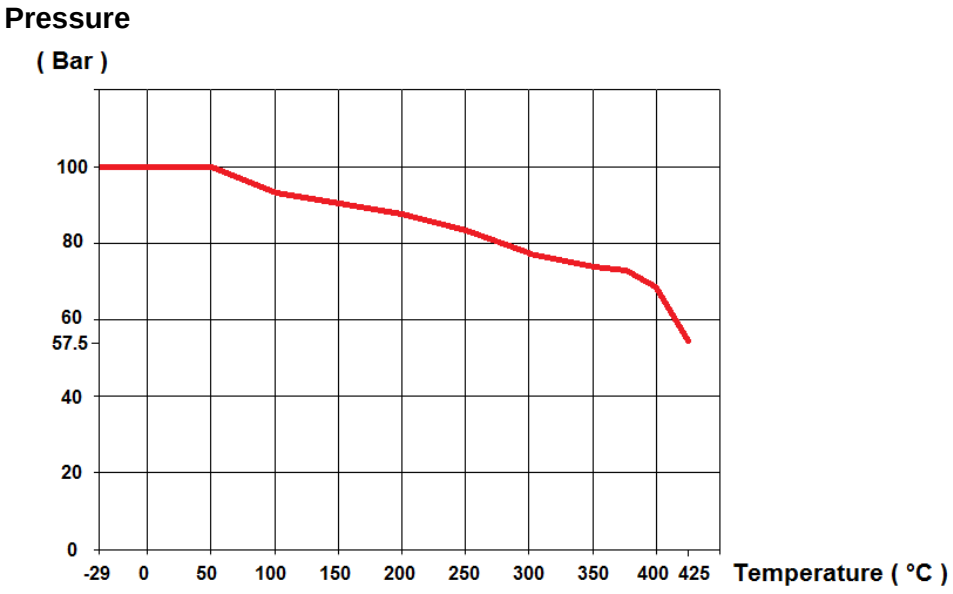
SPECIFICATIONS :

- 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 (mm)	15	20	25	32	40	50
NPS (")	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

ADL APPENDAGES

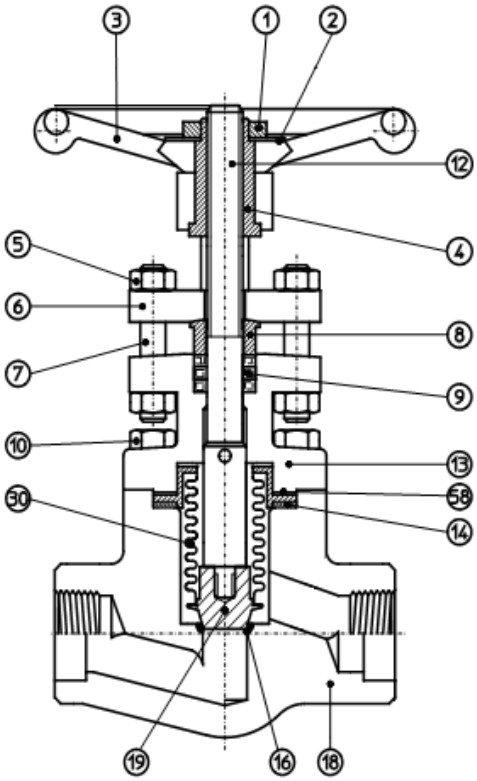
REF. 404

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

RANGE :

- Forged A105N carbon steel globe valve with bellow and female BSP ends **Ref. 404** DN 15 to DN 50 (NPS 1/2“ to DN 2“)

MATERIALS:



Repairability :



*Kit seat + disc + gasket TRIM5 (Items 16, 19 and 58)	
DN	**Ref.**
DN15	9860301
DN20	9860302
DN25	9860303
DN32	9860304
DN40	9860305
DN50	9860306

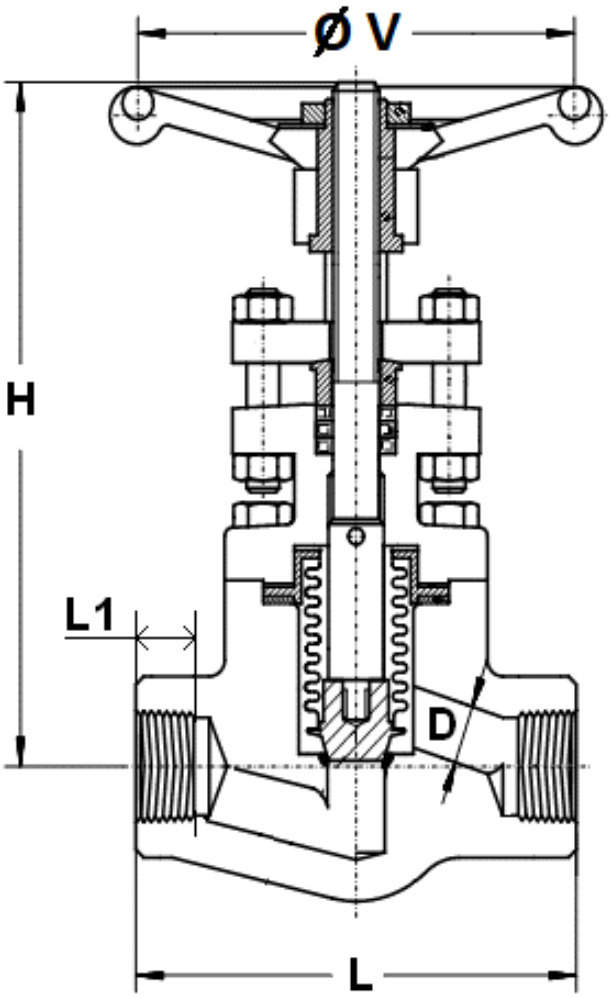
Item	Designation	Materials
1	Wheel nut	Carbon steel
2	Name plate	Aluminium
3	Handwheel	Carbon steel
4	Yoke nut	ASTM A582 type 416
5	Gland nut	ASTM A194 2H
6	Gland flange	ASTM A105
7	Gland stud	AISI 410
8	Gland	ASTM A276 type 410
9	Packing	Graphite
10	Bolts	ASTM A193 B7
12	Stem	ASTM A276 type 410
13	Bonnet	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

ADL APPENDAGES

REF. 404

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

SIZE (in mm) :



DN (mm)	15	20	25	32	40	50
NPS (")	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.	404004	404005	404006	404007	404008	404009

ADL APPENDAGES

REF. 404

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

STANDARDS :

- Manufacturer certified **ISO 9001 : 2015**
- DIRECTIVE 2014/68/EU: For liquids or Gas of Group 1
    - DN15-25 (NPS 1/2"-1") : Article 4, §3 (SEP), no CE marking
    - DN32-50 (NPS 1"1/4-2") : Risk category II, CE0036 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 BSP conical ends according to **ISO 7-1 Rc**

Gegevens ter indicatie, wijzigingen voorbehouden.