ADL APPENDAGES

REF. 402

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

Forged carbon steel globe valve TRIM8 with bellow SW 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 :	SW
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

ADL APPENDAGES

REF. 402

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

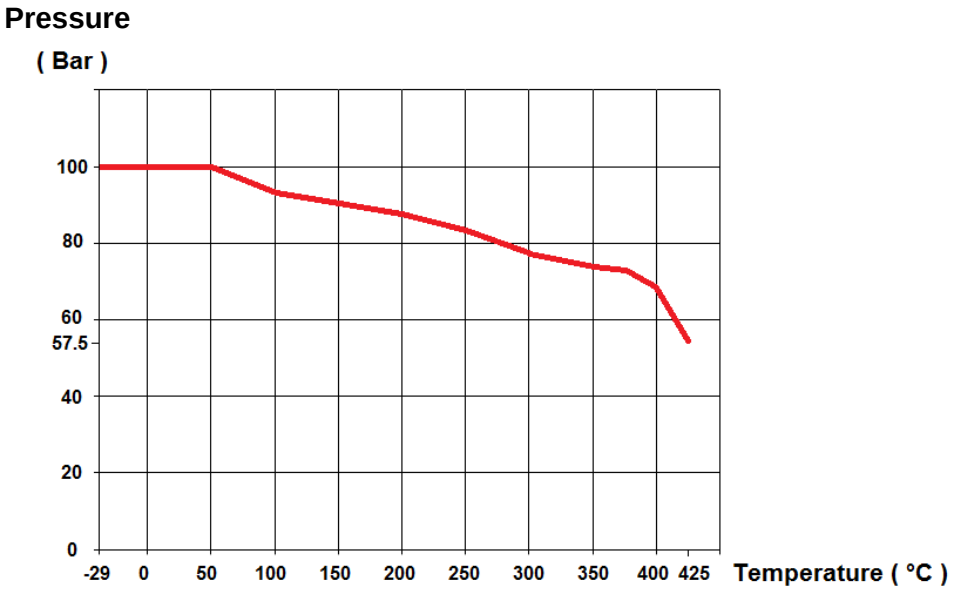
SPECIFICATIONS :

- 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) :

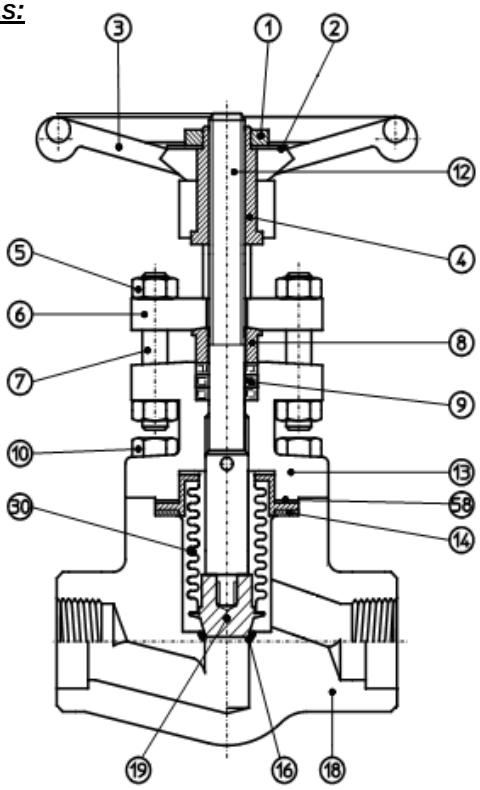
DN (mm)	15	20	25	32	40	50
NPS (")	1/2"	3/4"	1"	1"1/4	1"1/2	2"
Kvs (m3/h)	1.3	3.3	5.9	9.5	12.4	21.6

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

RANGE :

- Forged A105N carbon steel globe valve with bellow and Socket Welding ends **Ref. 402** DN 15 to DN 50 (NPS 1/2“ to DN 2“)

MATERIALS:



Repairability :

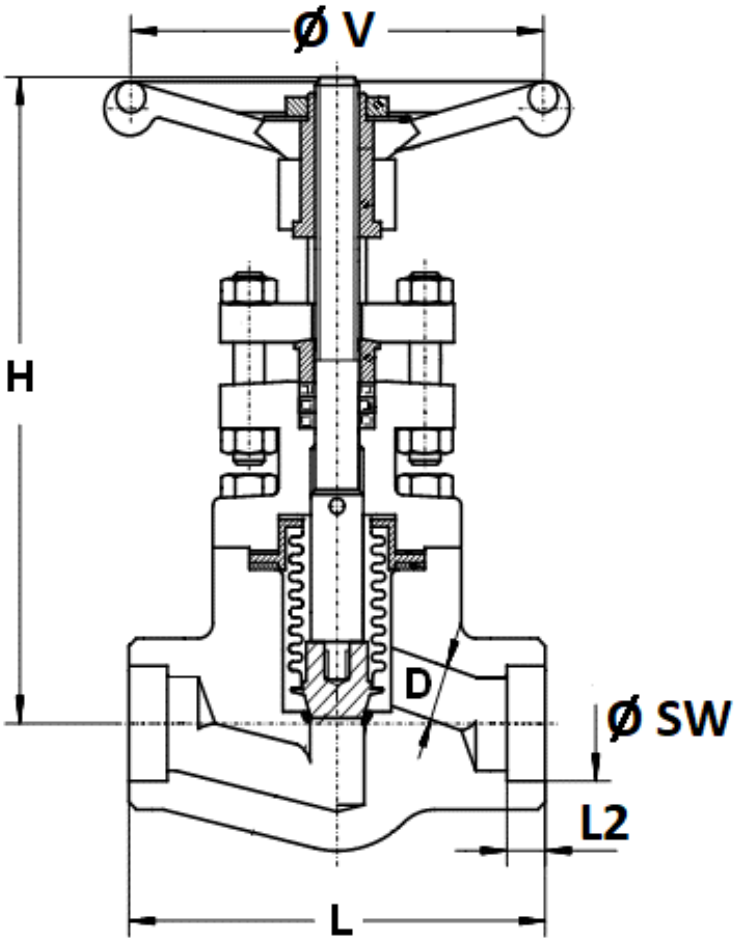


*Kit seat + disc + gasket TRIM5 (Items 16, 19 and 58)	
DN	**Ref.**
DN15	9860301
DN20	9860302
DN25	9860303
DN32	9860304
DN40	9860305
DN50	9860306

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

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

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
L2	12.7	14.5	16	17.5	19	22
Ø SW	21.8	27.2	33.9	42.7	48.8	61.2
Weight (in Kg)	1.85	2.07	3.44	5	7.1	11
Ref.	402015	402020	402025	402032	402040	402050

Gegevens ter indicatie, wijzigingen voorbehouden.

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

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, 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
- Socket Welding ends according to **ISO 15761**

Gegevens ter indicatie, wijzigingen voorbehouden.