Ref. : VAS5743NPT

Rev. : Initial

Date : 09/01/2015

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FORGED GATE VALVE 800LBS

VAS 5743NPT

Tecofi
VALVE DESIGNER - FRANCE

The photographies and technical art works are not contractual. The specifications of the presented products are open to modifications without previous advice.

APPLICATION

General use: Petroleum industry, steam, high pressure.

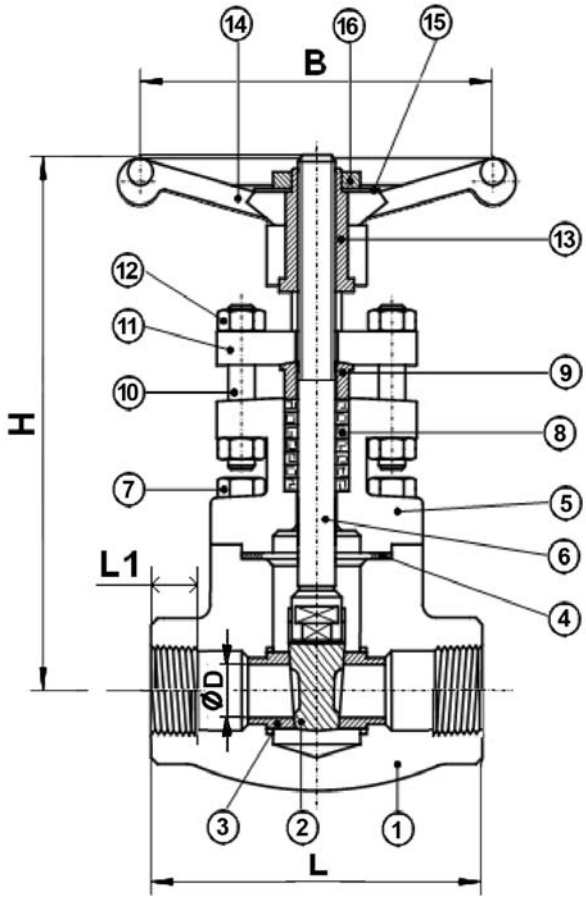
GENERAL CHARACTERISTICS

Full bore
Rising non rotating stem (OS&Y)
Bolted bonnet
Bolted gland pack
Forged carbon steel ASTM A 350 LF2
1/2 stellite (Trim 12)
800 lbs



CONSTRUCTION

Pos.	Description	Material
16	Handwheel nut	Carbon steel
15	ID plate	Aluminium
14	Handwheel	Carbon steel
13	Yoke nut	ASTM A473 type 416
12	Packing nut	ASTM A194 Gr.4
11	Gland packing	ASTM A182 F6a Cl 2
10	Gland tie rod	ASTM A320 L7
9	Gland	UNS S31600/S31603
8	Packing	Graphite
7	Screw	ASTM A320 L7
6	Stem	ASTM A479 316/316L
5	Bonnet	ASTM A350 LF2
4	Gasket	SS 316 + graphite spiral
3	Seat	ASTM A479 S31600/S31603 + Stellite GR.6'
2	Wedge	ASTM A182 316/316L
1	Body	ASTM A350 LF2



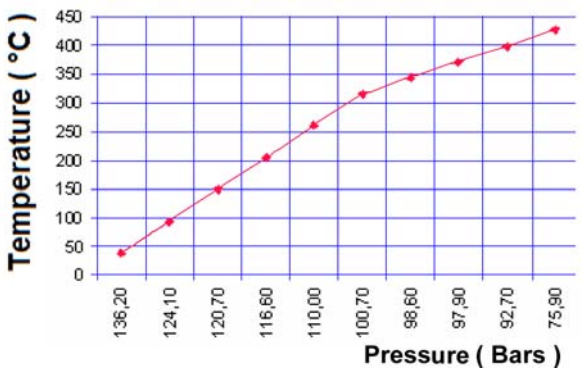
DIMENSIONS

DN mm	DN inch	L	H (opened)	ØD	ØB	L1	Weight (kg)
15	1/2"	90	155	14	80	15	2.2
20	3/4"	110	178	18	110	18	3.5
25	1"	127	210	24	110	19	5
32	1"1/4	127	243	30	130	20	6.5
40	1"1/2	127	262	36.5	130	21	9
50	2"	150	327	48	180	21	17

WORKING CONDITIONS

Maximum working pressure : 136 bar.
Maximum working temperature : -46°C/+425°C.

PRESSION / TEMPERATURE GRAPH



STANDARDS

Fabrication according to **ISO 9001 : 2008**
DIRECTIVE 2014/68/UE
Risk Category III module H
Designing according to **ISO 15761** and **API 602** 8th
Approval certificate **API 6D**
Tests according to **API 598**
Approval certificate Russian Federation **GOST-R**
Valves approved by the main oil industries
ATEX Group II Category 2 G/2D Zone 1 & 21 Zone 2 &22
Threaded female NPT ends according to **ANSI B1.20.1**