Ref. : VAS5843SW.pas

Rev. : Initial

Date : 08/01/2015

FORGED GATE VALVE 800LBS

VAS 5843SW

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.

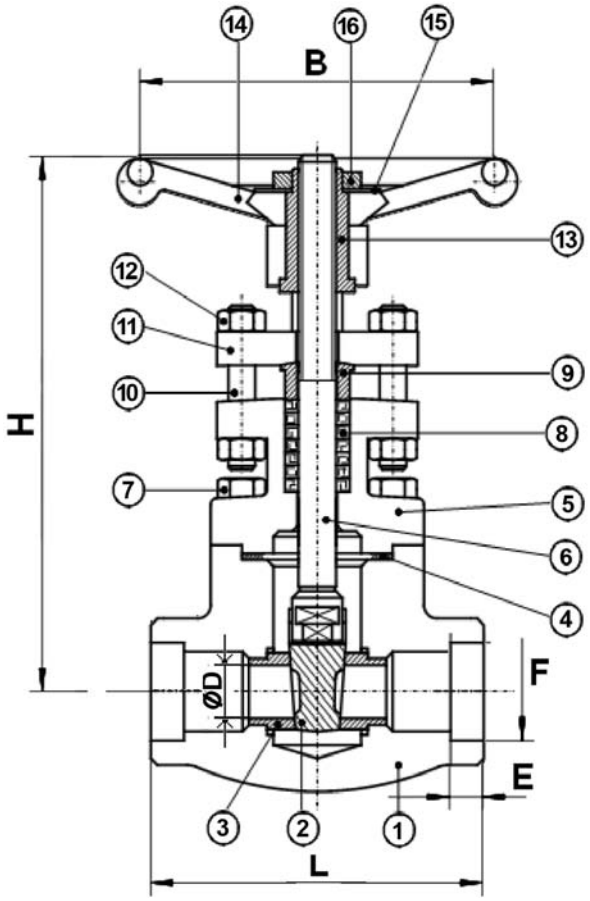
GENERAL CHARACTERISTICS

Standard port.
Rising stem non rotating (OS&Y).
Bolted bonnet and gland pack.
Forged Carbon.
½ stellite (Trim 8).
800 lbs.



CONSTRUCTION

Pos.	Description	Material
16	Wheel nut	Carbon steel
15	Name plate	Aluminium
14	Handwheel	Carbon steel
13	Yoke nut	Steel ASTM A582 type 416
12	Gland nut	Steel ASTM A194 2H
11	Gland flange	Steel ASTM A105
10	Gland tie rod	SS 410
9	Gland	SS ASTM A276 type 410
8	Packing	Graphite
7	Bolt	Steel ASTM A193 B7
6	Stem	SS ASTM A276 type 410
5	Bonnet	Steel ASTM A105N
4	Gasket	SS 316 + graphite spiral wound
3	Seat	SS ASTM A276 type 410 + Stellite GR.6'
2	Wedge	Steel ASTM A182 F6
1	Body	Steel ASTM A105N



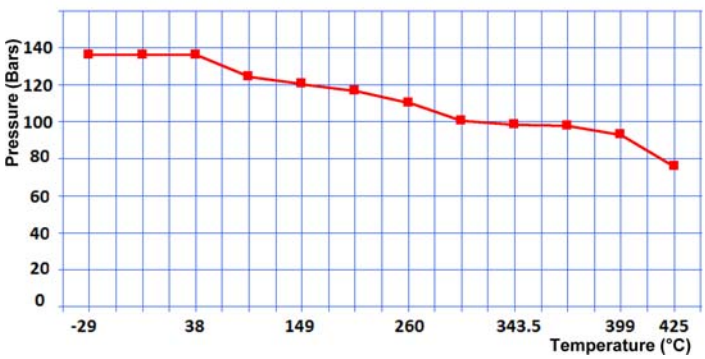
DIMENSIONS

DN mm	DN inch	L	H (opened)	ØD	ØB	E (SW)	ØF (SW)	Weight (kg)
10	3/8"	80	148	9.6	90	11.1	17.6	1.84
15	1/2"	80	148	9.6	90	12.7	21.72	1.84
20	3/4"	90	163	14	90	14.5	27.05	2.06
25	1"	110	178	18	110	16	33.78	3.35
32	1"1/4	127	210	24	110	17.5	42.54	4.9
40	1"1/2	127	243	30	130	19	48.64	6.5
50	2"	127	262	36.5	130	22	61.11	8.8

WORKING CONDITIONS

Maximum working pressure : 138 bar.
Maximum working temperature : -29°C/+425°C.

PRESSURE / 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.
Socket Welding (SW) connection.