Ref. : VAS6843SW

Rev. : Initial

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FORGED STAINLESS STEEL GATE VALVE 800LBS

VAS 6843SW

Tecofi
VALVE DESIGNER - FRANCE

APPLICATION

General use: Petroleum industry, steam, high pressure.

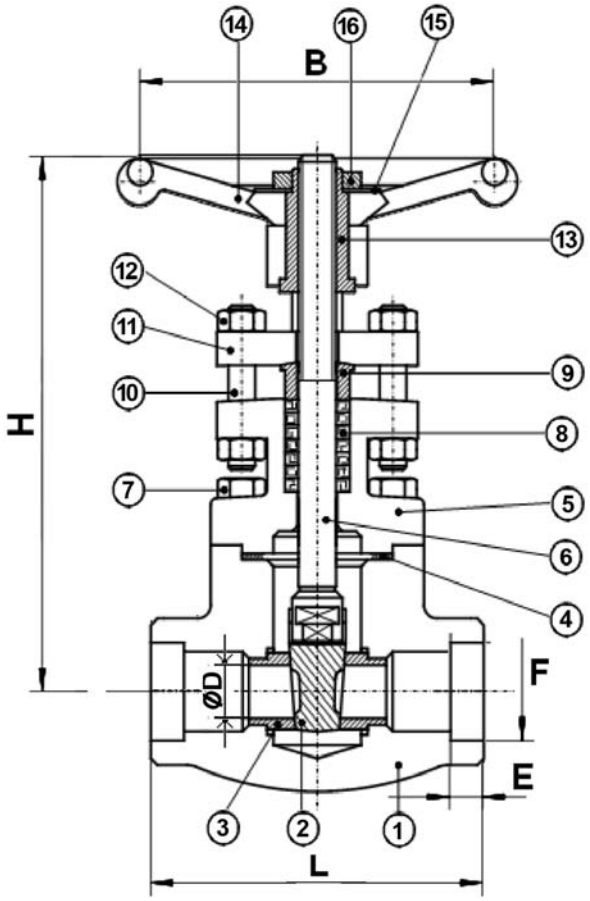
GENERAL CHARACTERISTICS

Standard port.
Rising stem non rotating (OS&Y).
Bolted bonnet and gland pack.
Forged stainless steel.
½ stellite (Trim 10 standard stainless steel 316).
800 lbs.



CONSTRUCTION

Pos.	Description	Material
16	Wheel nut	Carbon steel
15	Name plate	Aluminium
14	Handwheel	Carbon steel
13	Yoke nut	Stainless steel ASTM A582 type 303
12	Gland nut	Steel ASTM A194 GR.8
11	Gland flange	Stainless steel ASTM A182 F304
10	Gland tie rod	Steel ASTM A193 B8
9	Gland	Stainless steel ASTM A479 type 304
8	Packing	Graphite
7	Bolt	Steel ASTM A193 B8
6	Stem	Stainless steel ASTM A479 type 316
5	Bonnet	Stainless steel ASTM A182 F316
4	Gasket	Stainless steel 316 + graphite spiral
3	Seat	Stainless steel ASTM A479 type 316
2	Wedge	Stainless steel ASTM A182 F316
1	Body	Stainless steel ASTM A182 F316



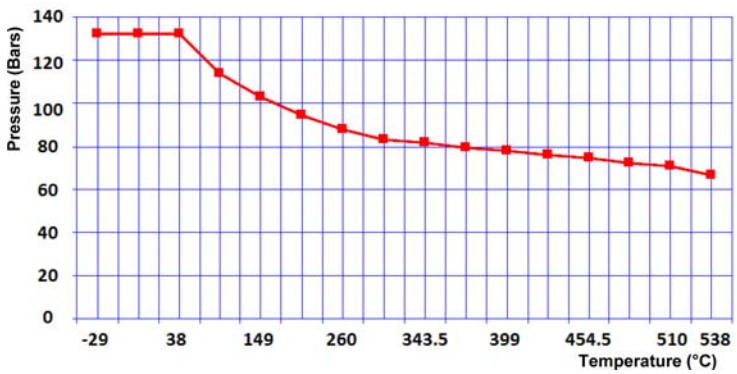
DIMENSIONS

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 3	3.78	3.56
32	1"1/4	127	210	24	110	17.5	42.54	4.95
40	1"1/2	127	243	30	130	19	48.64	6.6
50	2"	127	262	36.5	130	22	61.11	9

WORKING CONDITIONS

Maximum working pressure : 138 bar.
Maximum working temperature : -29°C/+538°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.

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