Ref. : VAS5743SW

Rev. : Initial

Date : 12/01/2015

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FORGED GATE VALVE 800LBS

VAS 5743SW

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.

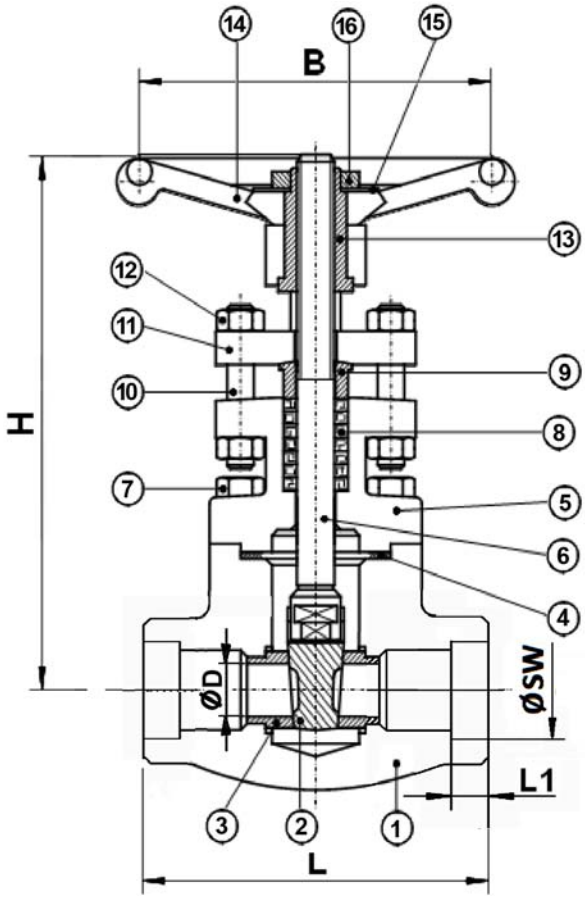
GENERAL CHARACTERISTICS

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

16	Handwheel nut	Carbon steel
15	ID plate A	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
Pos.	**Description**	**Material**



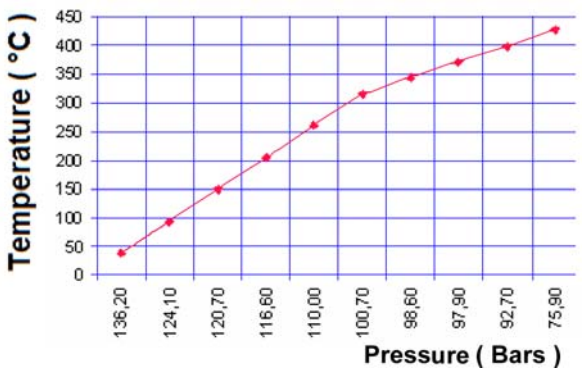
DIMENSIONS

DN mm	DN inch	L	H (opened)	ØD	ØB	L1	ØSW	Weight (kg)
15	**1/2"**	90	155	14	80	12.7	21.8	2.2
20	**3/4"**	110	178	18	110	14.5	27.2	3.5
25	**1"**	127	210	24	110	16	33.9	5
32	**1"1/4**	127	243	30	130	17.5	42.7	6.5
40	**1"1/2**	127	262	36.5	130	19	48.8	9
50	**2"**	150	327	48	180	22	61.2	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
Socket welding (SW) connection.