

Ref. : RAS5833SW

Rev. : Initial

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FORGED STEEL GLOBE VALVE WITH BELLOW 600LBS

RAS 5833SW

ISO 9001
BUREAU VERITAS
Certification



ERC



Tecofi
VALVE DESIGNER - FRANCE

APPLICATION

General use: Petroleum industry, steam, high pressure

GENERAL CHARACTERISTICS

Respect the flow direction (indicated by the arrow)

Standard port

Rising stem non rotating

Bolted bonnet and gland pack

Forged Carbon steel

½ stellite (Trim 8)

Stainless steel bellow

600 lbs

CONSTRUCTION

18	Wheel nut	Carbon steel
17	Name plate	Aluminium
16	Handwheel	Carbon steel
15	Yoke nut	Steel ASTM A582 type 416
14	Gland nut	Steel ASTM A194 2H
13	Gland flange	Steel ASTM A105
12	Gland tie rod	Stainless steel 410
11	Gland	Stainless steel ASTM A276 type 410
10	Packing	Graphite
9	Bolt	Steel ASTM A193 B7
8	Stem	Stainless steel ASTM A276 type 410
7	Gasket	Reinforced graphite
6	Bellow	ASTM A479 type 321
5	Bonnet	Steel ASTM A105N
4	Gasket	Stainless steel 316 + graphite spiralé
3	Seat	Stainless steel ASTM A276 type 410 + Stellite GR.6
2	Disc	Stainless steel ASTM A276 type 410
1	Body	Steel ASTM A105N
Pos.	Description	Material

DIMENSIONS

DN		L	H (opened)	ØD	ØB	E	F	Weight (kg)
mm	inch							
15	1/2"	80	136	9	90	12.7	21.72	1.85
20	3/4"	90	144	13	90	14.5	27.05	2.07
25	1"	110	167	17.5	110	16	33.78	3.44
32	1 1/4"	127	194	22.5	130	17.5	42.54	5
40	1 1/2"	155	220	29.5	130	19	48.64	7.1
50	2"	170	230	35	180	22	61.11	11

WORKING CONDITIONS

Maximum working pressure : 100 bar.

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

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.

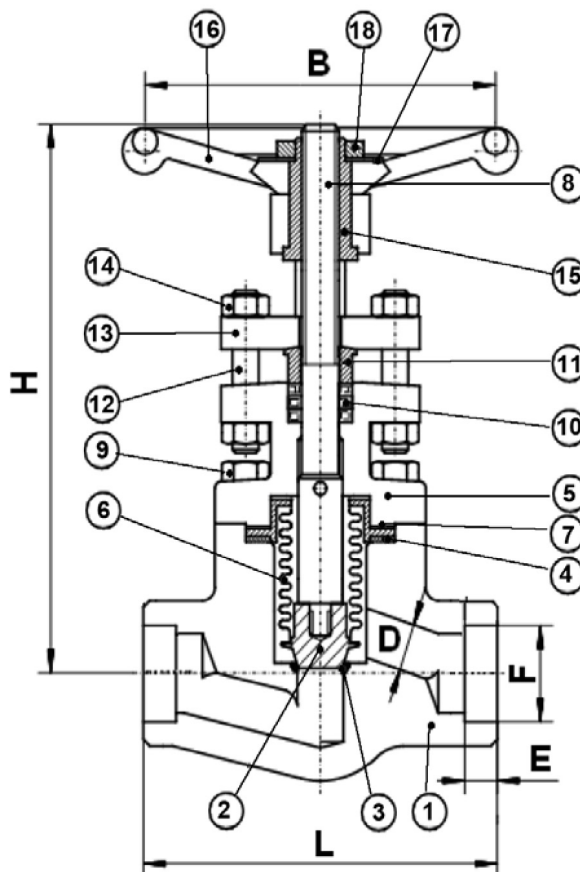
Tests according to **API 598**.

Approval certificate Russian Federation **GOST-R**.

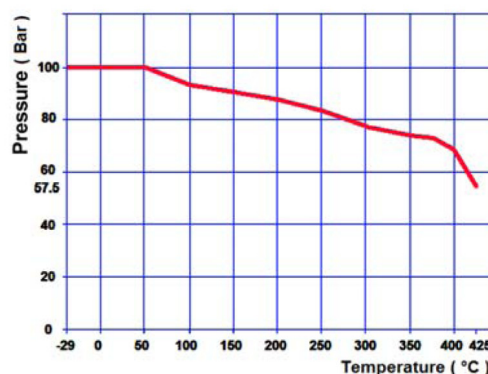
Valves approved by the main oil industries.

ATEX Group II Category 2 G/D Zone 1 & 21 Zone 2 & 22.

Socket welding (SW) connection.



PRESSION / TEMPERATURE GRAPH



TECOFI France - 83, Rue Marcel Mérieux 69960 Corbas - FRANCE
Tél. +33 (0) 4 72 79 05 79 - Fax +33 (0) 4 78 90 19 19 / +33 (0) 4 72 79 05 70
Adresses e-mail : sales@tecofi.fr ; tecofi@tecofi.fr / Site web : www.tecofi.fr