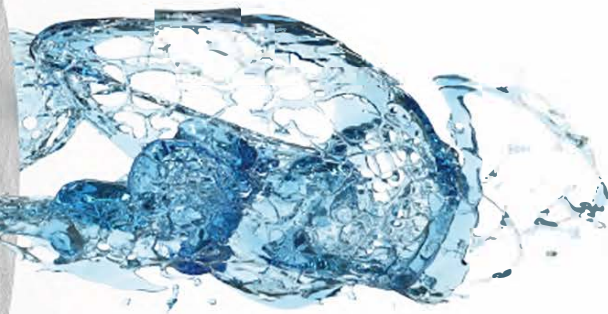


GLOB VANALAR

GLOBE VALVES

 **VENTURI**
VALVES



Globe Valves (ANSI)

Design

- Forged or casted body and bonnet
- Bolted bonnet (BB)
- Rising stem (RS), outside screw and yoke (OS&Y)
- Seats are integral or welded on

Applications

- Power plant, Chemical, Petrochemical, Refining

Media

- Depending on the valve materials: water, steam, gas, oil and oil derivatives and other non aggressive media

Advantages

- Long service life
- Respect to emission standards
- Easy handling and maintenance
- Stem packing replacement in working conditions

Materials

- Carbon, heat resistant alloy and stainless steels

Pressure and temperature

- Pressure up to CL1500 bar
- Temperature up to 600 oC

Options

- Electric, hydraulic or pneumatic actuator
- Y-Type
- Angle type
- Position indicator
- Extended stem
- Inside screw rising stem (IS&RS)
- Spring loaded stuffing box (SLSB)
- Locking device
- Seats and sealings made of elastomeric and polymeric materials
- Flanges and welding ends according to : GOST, DIN, ASME, etc,
- Other paint finishes are available upon customer's request
- Valve complete with counter flanges, bolting and gaskets

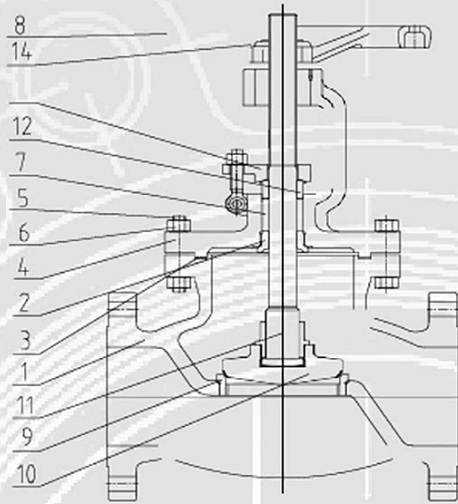
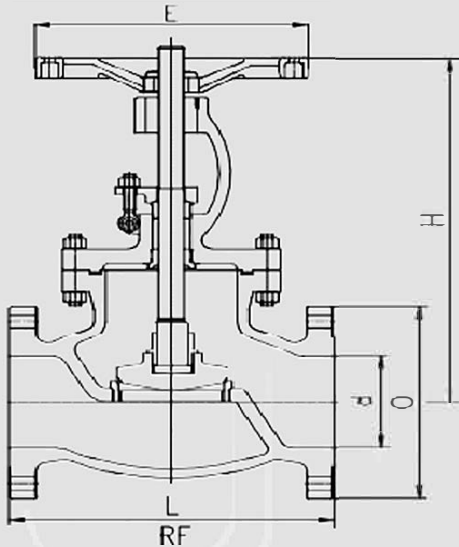
Testing

- Every produced valve was tested according to API 598

Globe valve according to API 600	Class 150 ÷ Class 1500
Face-to-face (FTF) and End-to-end (ETE) dimensions acc. to	ASME B16.10
Flanged ends according to	ASME B16.5
Welding ends according to	ASME B16.25



Globe Valves (ANSI)



Class	NPS(in)	Dimensions (mm)						Weights (kg)	
		d	L	O	H(Open)	E	RF/RO	BW	
		RF / BW	RO						
150	2	51	203	216	150	338	200	21	17
	2 1/2	64	216	229	180	373	250	28	20
	3	76	241	254	190	396	250	35	27
	4	102	292	305	230	476	300	58	47
	6	152	406	419	280	524	350	100	86
	8	203	495	508	345	588	400	160	138
	10	252	622	635	405	738	550	253	219
	12	305	698	711	485	862	600	398	362
	14	337	787	800	535	950	610	550	491
	16	387	914	927	595	994	610	724	650
300	2	51	267	283	165	354	200	25	19
	2 1/2	64	292	308	190	389	250	38	29
	3	76	318	333	210	421	250	49	38
	4	102	356	371	255	496	350	76	58
	6	152	444	460	320	675	500	168	137
	8	203	559	575	380	912	560	282	237
	10	252	622	638	445	949	600	385	319
	12	305	711	727	520	1032	650	724	632
	14	337	838	854	585	1130	610	1125	975
	16	387	864	879	650	1310	610	1650	1450
600	2	51	292	295	165	397	250	36	29
	2 1/2	64	330	333	190	446	250	50	40
	3	76	356	359	210	496	350	78	64
	4	102	432	435	275	599	450	120	91
	6	152	559	562	355	791	560	284	227
	8	200	660	663	420	1014	600	543	460
	10	248	787	790	510	1180	700	700	562
	12	298	838	841	560	1397	610	900	739
900	2	47	368	371	165	590	350	95	75
	2 1/2	57	419	422	190	660	350	138	112
	3	73	381	384	240	699	450	108	85
	4	98	457	460	290	795	500	195	158
	6	146	610	613	380	1108	610	435	360
	8	191	737	740	470	1184	610	720	597

NO.	Parts	Materials	Low Temp. Service	High Temp. Service	Stainless Steel
1		Standard	A352 LCB	A217 WC6	A351 CF8M
2	Body	A216 WCB	A182 F304	A182 F304	A182 F316
3	Backseat	A182 F6a	Graphite + 304	Graphite + 304	Graphite + 304
4	Bonnet Gasket	Graphite + 304	A352 LCB	A217 WC6	A351 CF8M
5	Bonnet	A216 WCB	A320 L7	A193 B16	A193 B7M
6	Bonnet bolt	A193 B7	A194 4	A194 4	A194 2HM
7	Bonnet Nut	A194 2H	Flexible Graphite+304	Flexible Graphite+304	Flexible Graphite+304
8	Packing	Flexible Graphite+304	Cast Iron	Cast Iron	Cast Iron
9	Handwheel	Cast Iron	A182 LF2	A182 F11	A182 F316
10	Seat	A105	A182 LF2	A182 F11	A182 F316
11	Disc	A105	A182 F304	A182 F6a	A182 F316
12	Stern	A182 F6a	A276 410	A276 304	A276 304
13	Gland	A276 410	CS	CS	CS
14	Gland Flange	CS	A439 D2 / Bronze	A439 D2 / Bronze	A439 D2 / Bronze
15	Stern Nut	A439 D2 / Bronze			