

**FLOW-TEK VALVES
& CONTROLS INC.**



AN ISO 9001 : 2008 CERTIFIED COMPANY

MANUFACTURER & EXPORTER OF

Flow-age

MAKE SPECIALISED INDUSTRIAL VALVES

Globe VALVE



Flow-age

“ All Types of Valve for whole Project ”

www.flowagevalves.com

GLOBE VALVE

GENERAL INTRODUCTION:

"Flow age" High Pressure Globe Valve offer high performance, reliability and safety. The Globe Valve are especially suitable for high pressure and high temperature application in steam, oil and gas processing, power industries, in chemical and petrochemical industries.

"Flow age" can offer a series of Globe Valve are heavy duty Outside Screwed & Yoke Type bolted bonnet, rising stem with hand wheel. Globe valves are highly efficient for services requiring frequent operation and throttling. The internal passage within the valve diverts flow through 90° changes of direction resulting in pressure drop and turbulence. The most advanced design features provides the ultimate in dependable, economic flow control. They are available in wide range of sizes and weights, Globe Valves are generally where moderate control or regulation of flow is required.

All the valves are manufacturing as per international Design and standards to get the Total Interchangeable, Finest Quality and Workmanship.

SPECIAL FEATURES:

"Flow age" offer Globe Valve equipped with Pneumatic Actuator, Electrically (Motorised) Actuator, Pneumatic Cylinder Operation along with accessories like solenoid, Limit Switches, Manual Override in Two Way & Three Way Design to get an extra edge for your specific application.

Extended Bonnets with sufficient gas column length, usually specified by customer, are supplied for all valves to keep stem packing at sufficient distance away from the cold fluid to remain functional.

NOMENCLATURE

NO.	PART NAME	DESCRIPTION OF MATERIAL
1	BODY	C.I. TO IS 210 FG 200 / 220 / 260 / WCB ASTM A 216 GR.WCB / ASTM A 105
2	BONNET	ASTM A 351 GR.CF8M / ASTM A 182 GR.F-304 / AISI 304 / 304L ASTM A 351 GR.CF8M / ASTM A 182 GR.F-316 / AISI 316 / 316L
3	SEAT RING	AISI 410 (13% GR. STEEL)
4	DISC	AISI 304 / 304L / STELLITED
5	DISC NUT	AISI 316 / 316L / STELLITED
6	SPINDLE	ALLOY-20
7	GLAND NUT	
8	BACK SHEET BUSH	
9	GLAND FLANGE	M.S. / S.S. 304 / S.S. 316
10	GASKET	GRAPHITED ASBESTOS / P.T.F.E. / SPIRAL WOUND WITH CAF / GRAFOIL / P.T.F.E FILLED
11	GLAND PACKING	GRAPHITE ASBESTOS ROPE / GRAFOIL / P.T.F.E V RING
12	BONNET WHEEL	M.S.
13	HAND WHEEL	CAST IRON / SG IRON
14	BOLTS & NUT	M.S. / S.S. 304 / S.S. 316

APPLICABLE STANDARDS:

- STEEL GLOBE VALVES : API 600 / API 6D
- STEEL GLOBE VALVES : BS 1873 / DIN STD.
- STEEL GLOBE VALVES : ANSI B 16.34
- FACE TO FACE : ANSI B 16.10 / DIN STD.
- END DRILLED : ANSI B 16.5
- BUTT WELD END : ANSI B 16.25
- INSPECTION AND TEST : API 598 / API 6D
- IBR APPROVED

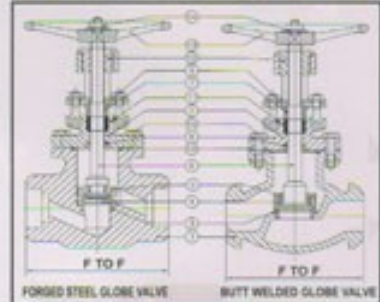
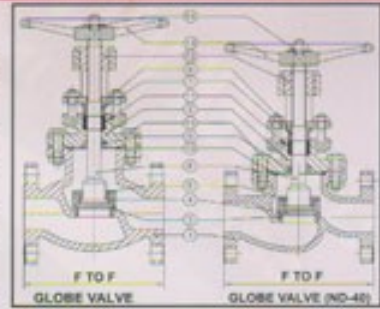
DESIGN DESCRIPTION:

- STRAIGHT PATTERN BODY DESIGN
- OS & Y OUTSIDE SCREWED AND YOKE
- BB, BOLTED BONNET, YOKE INTEGRAL WITH BONNET
- RISING STEM AND HANDWHEEL
- LOOSE DISC, PLUG
- RENEWABLE SEAT RING
- HORIZONTAL SERVICE
- FLANGED OR BUTT WELD ENDS
- AVAILABLE WITH BG OPERATOR

* Please contact us for any type of customized automation in Globe valves for typical applications.

OTHER MFG. RANGE: Pressure Reducing Valve, Safety Relief Valve, Ball Valve, Gate Valve, Butterfly Valve, Plug Valve, Non Return Valve, Automatic Control Valve, Pneumatic Control Valve, Motorised Control Valve, Knife Edge Gate Valve, Diaphragm Valve, Flush Bottom Valve, Strainer, Filter, Pressure Reducing Station, Gas Skid & All type of manual / actuator / cylinder operated valves with any type of automation.

* Please note this a condensed catalogue for a complete version please contact Flow-Tek directly.



DIMENSION: (F TO F)

VALVE SIZE (MM)	FLANGED				SE/SW
	150#	300#	600#	ND-40	
15	108	152.4	165	130	73
20	117.5	178	190.5	150	82
25	127	203	216	160	108
32	139.7	216	228.6	180	-
40	165	228.6	241	200	152
50	203	267	292	230	148
65	216	292	330	290	-
80	241	318	356	310	-
100	292	356	432	350	-
125	355.6	-	508	400	-
150	406	444	559	480	-
200	495	533	660	600	-
250	622	622	787	730	-
300	698	711	838	850	-
350	787	838	889	980	-
400	914	864	991	1100	-

ALL DIMENSION ARE IN MM.

TESTING STANDARD: (API 598 / API 6D)

TEST TYPE	TEST PRESSURE					
	CLASS 150	CLASS 300	CLASS 600	CLASS 800	CLASS 1500	
HYDRO SHELL	kg/cm ²	30	78	150	210	388
	Psig	425	1080	2130	2940	5625
HYDRO SEAT	kg/cm ²	22	55	110	153	281
	Psig	310	780	1580	2170	4125
AIR TEST	kg/cm ²	6.0		4.75-7	4.75-8	
	Psig	85		68-100	68-115	



Unit : 1 FLOW-TEK VALVES & CONTROLS

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Unit : 2 FLOW-TEK VALVES & CONTROLS INC.

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