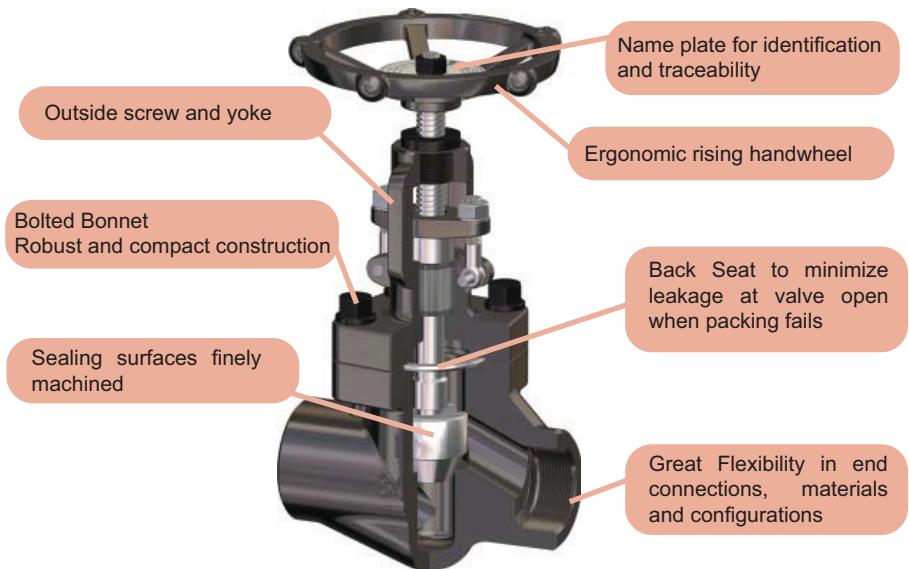


S89 Forged Globe Valves are bolted bonnet and outside screw and yoke, rising handwheel, conventional port and compact design, with metal sealing surfaces. The closure element is a disc seating against a precisely machined valve seat thus achieving the positive closure. The flow comes upwards underneath the valve seat being an unidirectional valve. The atmospheric sealing is achieved by flexible graphite rings. Valves are of easy and safe operation being widely used in power, chemical and oil industry. The range is also comprehensive of different options, such as Y-pattern, regulating plug, bellow sealed for dangerous fluids, or pressure sealed valves for high pressure and temperature services, etc. The standard operation is achieved by hand wheel.



Isolating Linear On/Off Valves \* Manufacturing Design to API 602 \* Size Range: 3/8" to 4" \* Design Pressure Rating: 150/300/600/800/900/1500/2500# \* Design Temperature Range: -30°C – 425°C \* Pressure / Temperature Range to ASME B16.34 \* Valve end connections: threaded ends BSP ISO228-1, BSPT ISO 7-1 or NPT ANSI B1.20.1, welded ends SW ANSI B16.11 or BW ANSI B16.25, flanged to ASME B16.5 RF or RTJ \* PED 97/23/CE Approval

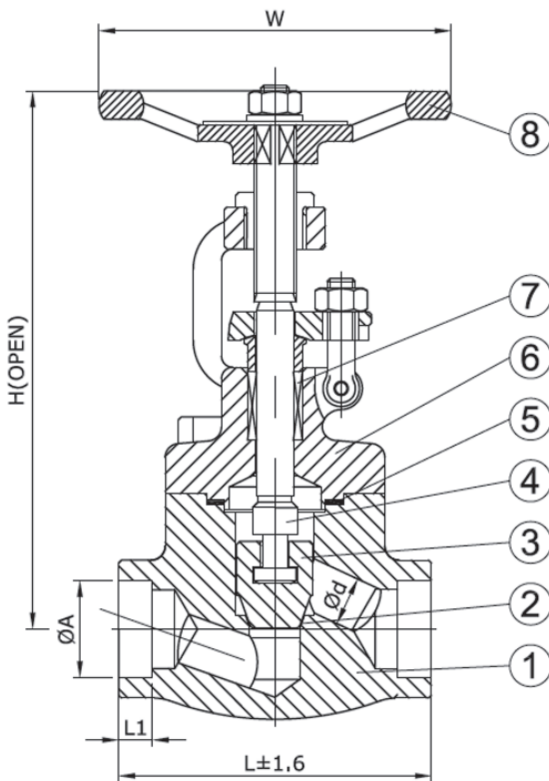
**Main Parts and Materials**

N°	PART	MATERIAL
1	BODY	Forged Steel A105 / A182 F22 / A182 F304 (L) / A182 F316 (L)
2	SEAT	410 / 410 + HF
3	DISC	F6A / F6A + HF
4	STEM	A276-410
5	GASKET	Graphite
6	BONNET	Forged Steel A105 / A182 F22 / A182 F304 (L) / A182 F316 (L)
7	PACKING	Graphite
8	HANDWHEEL	A197

Main parts only, rest under request.

Fig. 89A0_A8	Disc	Seat	Stem
TRIM #1	F6A	---	A276-410
TRIM #5	F6A+HF	HF	A276-410
TRIM #8	F6A	HF	A276-41

\* HF = Material endurecido / Hard faced



**Main Valve Dimensions (mm)**

DN	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
H	158	158	192	252	252	289	330
L	79	79	92	111	120	120	140
W	96	96	96	120	150	150	180
L1	9,6	9,6	12,7	12,7	12,7	12,7	15,9
D	17,6	22,2	27,7	34,5	43,2	49,1	61,1
d	7,5	9,0	12,0	17,5	22,5	29,5	35,0

**Options**

Different Body Materials and Trim Combinations \* NACE MR-075 \* Cryogenic Service \* Different Valve Connections \* Y Pattern \* Regulating Plug \* Bellow Seal \* Pressure Seal \* Actuators

**Main Duties**

Steam \* Water \* Oil \* Gas