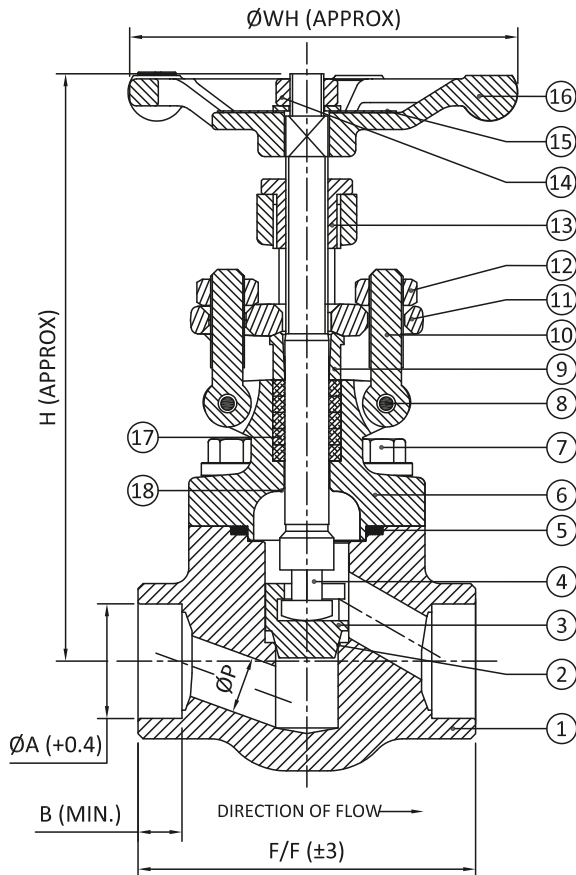


DESIGN STD :-

- Globe valve design : ISO 15761
- Face-to-face : Swastik STD. (screwed/socket-weld/butt-weld)
- ASME B 16.10 (flanged)
- End connection : ASME B 1.20.1(NPT), BS 21/ISO 7 (screwed-taper)
- BS 2779/ISO 228, BS 21/ISO 7 (screwed-parallel)
- ASME B 16.5 RF 125-250 Ra (Flanged)
- Pressure and Temp. rating : ASME B 16.34

- Valve testing : API 598

GLOBE VALVE CLASS 800



Materials

Part no.	Part Name	Material
1	Body	ASTM A 105
2	Seat ring	13% Cr. Integral
3	Plug	ASTM A 217 Gr. CA-15
4	Stem	ASTM A 182 Gr. F6a
5	Gasket	S.S 304 Spiral wound+graphite
6	Bonnet	ASTM A 105
7	Hex bolt	ASTM A 193 Gr. B7
8	Eye bolt pin	ASTM A 276 Type SS-410
9	Gland bush	ASTM A 276 Type SS-410
10	Eye bolt	ASTM A 193 Gr. B7
11	Gland flange	ASTM A 105
12	Eye bolt nut	ASTM A 194 Gr. 2H
13	Yoke sleeve	ASTM A 582 Gr. SS-416
14	Stem nut	ASTM A 194 Gr. 2H
15	Name plate	Stainless steel
16	Hand wheel	MI / SG iron
17	Gland packing	Flexible graphite ring
18	Back sheet	Integral

Dimensions (Class 800)

Size (NB)	15	20	25	40	50
Face to Face	73	80	100	145	160
H (open)	159	162	191	228	265
H (close)	143	146	171	199	236
ØWH	86	86	116	150	150
ØP	9.5	12.7	17.5	28.6	36.5
ØA	21.8	27.2	33.9	48.8	61.2
B	9.5	12.5	12.5	12.5	16.0

Test Requirement

Test	Medium	Class 800	Time
		Kg/cm2	Sec.
Shell	Water	211	15
Back seat	Water	153	15
Seat	Water	153	15
Seat	Air	7	15

WHY “M-FLOW” GLOBE VALVE?

- Bolted bonnet
- Graphite packing
- Stainless steel/graphite gaskets
- Outside screw and yoke
- Rotating rising stem
- Integral backseat
- Standard port
- Rotating rising stem