

Model: TC-603FB



Design feature:

- Applications for Hydraulic, Chemical, Steam, Oil/ Gas, Oxygen, Vacuum.
- Investment Cast Stainless Steel Body & Bonnet.
- Bolted Bonnet Outside Screw And Yoke.
- Handle wheel
- Yoke Integral With Bonnet.
- Lose Disc.
- Integral Stainless Steel Seat.
- DIN 50049-3.1 Certificate Available

Specifications:

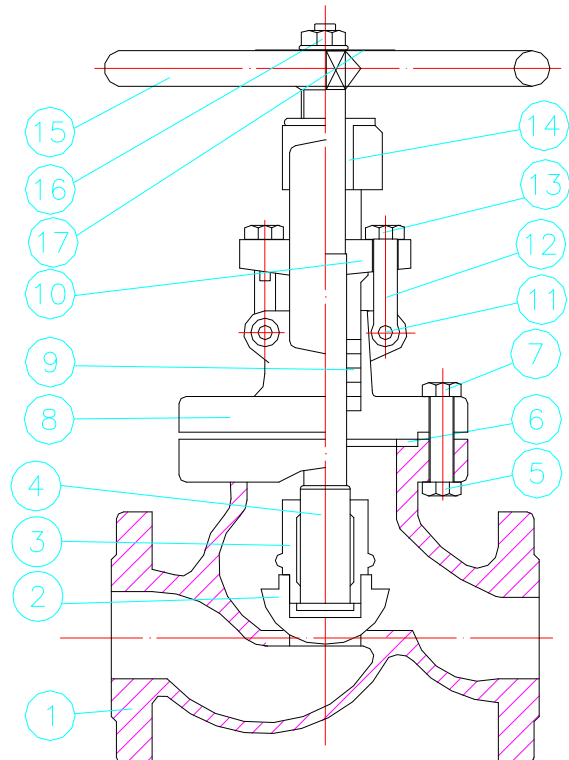
- Flow bore: full port.
- Rating: ANSI Class150/ 300; JIS 10K/ 20K; DIN PN16
- Temperature: -20°F ~ 800°F
- Materials:
ASTM A351 CF8M,CF8,CF3M, CF3
- Size range: 1/2”~12”

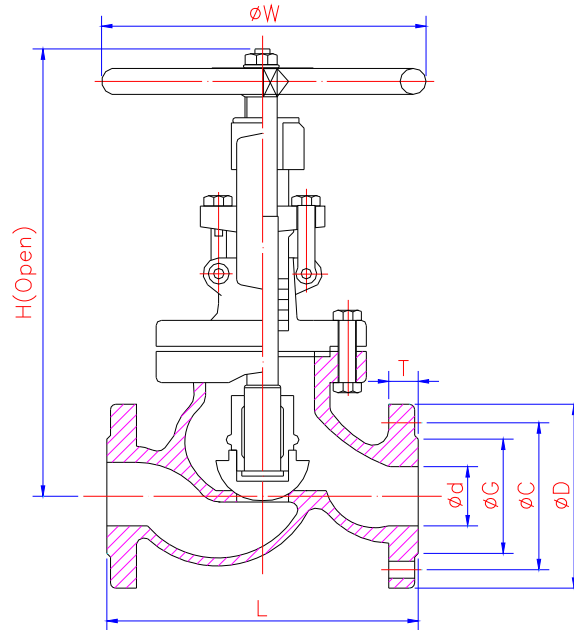
Standard:

- Basic Design to API 603; ASME B16.34
- Flange dimension according to ANSI B16.5
- Face-to-face meets to ANSI B16.10
- Inspection & testing according to API 598

Materials List:

No.	Part Name	Material
1	Body	ASTM A351 CF8M/ CF8
2	Disc	ASTM A351 CF8M/ CF8
3	Disc Cover	ASTM A351 CF8M/ CF8
4	Stem	ASTM A276 Gr.316 / 304
5	Bolt	SS 304
6	Gasket	PTFE
7	Nut	A194 B8
8	Bonnet	ASTM A351 CF8M/ CF8
9	Stem Packing	PTFE
10	Gland Flange	CF8
11	Hinge Pin	SS 304
12	Eye Bolt	SS 304
13	Nut	A194 B8
14	Yoke Sleeve	Bronze
15	Handwheel	Ductile Iron
16	Nut	A194 B8
17	Nameplate	SS 304





ASNI Class 150 & JIS 10K Dimensions

Size	d	L	H	W	D		C		G		T	
					150	10K	150	10K	150	10K	150	10K
1/2	15	108	168	140	89	95	60.5	70	35	51	11.1	12
3/4	20	117	168	140	98	100	70	75	43	56	11.1	14
1	25	127	173	140	108	125	79.5	90	51	67	11.1	14
1-1/4	32	140	190	160	117	135	89	100	64	76	12.7	16
1-1/2	40	165	200	160	127	140	98.5	105	73	81	14.3	16
2	50	203	230	200	152	155	120.5	120	92	96	15.9	16
2-1/2	65	216	243	200	178	175	139.5	140	105	116	17.5	18
3	80	241	286	250	190	185	152.5	150	127	126	19.1	18
4	100	292	325	250	229	210	190.5	175	157	151	23.9	18
5	125	356	380	300	254	250	216	210	186	182	23.9	20
6	150	406	445	350	279	280	241.5	240	216	212	25.4	22
8	200	495	545	350	343	330	298.5	290	270	262	28.6	22
10	250	622	650	400	406	400	362	355	324	324	30.2	24
12	300	698	736	400	483	445	432	400	381	368	31.8	24

ASNI Class 300 & JIS 20K Dimensions

Size	d	L	H	W	D		C		G		T	
					300	20K	300	20K	300	20K	300	20K
1/2	15	152	186	140	95	95	66.5	70	35	52	14.3	14
3/4	20	178	186	140	117	100	82.5	75	43	58	15.9	16
1	25	203	187	140	124	125	89	90	51	70	17.5	16
1-1/2	40	229	236	140	156	140	114.5	105	73	85	20.7	18
2	50	267	289	250	165	155	127	120	92	100	22.3	18
2-1/2	65	292	297	250	190	175	149	140	105	120	25.4	20
3	80	318	343	300	210	200	168	160	127	135	28.6	22
4	100	356	398	300	254	225	200	185	157	160	31.8	24
5	125	400	487	450	279	270	235	225	186	195	35	26
6	150	445	558	450	318	305	270	260	216	230	36.6	28
8	200	559	665	500	381	350	330	305	270	275	41.3	30
10	250	622	800	500	444	430	387.5	380	324	345	41.7	34

