

**Fig no. GTF-150**  
**1/2" - 12" (DN15- DN300)**



**Features:**

- Flexible wedge,
- OS & Yoke design, Body Bolted type
- Rising stem design, Non rising handwheel
- Integral seat
- For General Chemical and Industrial application

**Standard Compliance :**

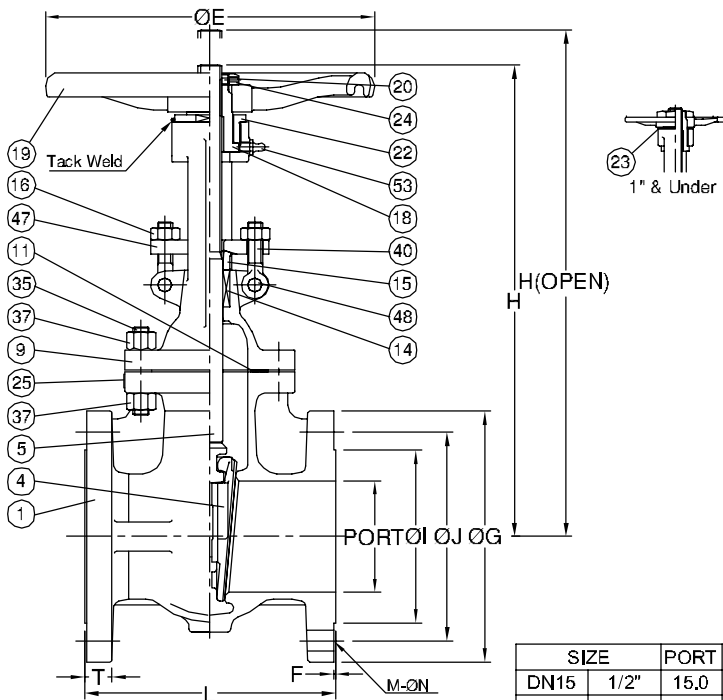
- Design per API 603
- Body wall thickness : ANSI B16.34
- Face to face : ANSI B16.10 class 150
- Flange dimension : ANSI B16.5 class 150 RF
- Body material : A494 CW12MW
- Pressure testing : EN 12266-1/ API 598

**Specification :**

- End connection : Flange end
- Working pressure : 255 psi ( CWP )
- Temperature : -20 ~ 180 C

**Options :**

1. Gasket/ stem packing to be Graphite
2. Gear box for 8" and above
3. Flange face smooth finished



**MATERIALS LIST**

NO.	NAME PARTS	MATERIALS
1	BODY	ASTM A494 Gr.CW12MW
4	WEDGE	ASTM A494 Gr.CW12MW(FLEXIBLE WEDGE)
5	STEM	AMS 5750C
9	BONNET	ASTM A351-Gr.CW12MW
11	GASKET	PTFE.
14	PACKING	PTFE.
15	GLAND	AMS 5750C
16	EYE BOLT NUT	ASTM A194 Gr.8 (HEAVY)
18	SLEEVE	ASTM A394 Gr.D2C (1-1/2" ~ 12")
19	HANDWHEEL	ASTM A536 DUCTILE IRON
20	SET SCREW	ASTM A193 Gr.B8
22	STEM NUT	ASTM A351 Gr.CF8
23	WASHER	ASTM A276 Gr.304 (1" UNDER)
24	HANDWHEEL NUT	ASTM A351 Gr.CF8
25	NAME PLATE	ASTM A666-304
35	BONNET STUD	ASTM A193 Gr.B8 CLASS 2
37	BONNET NUT	ASTM A194 Gr.8 (HEAVY)
40	EYE BOLT	ASTM A193 Gr.B8
47	GLAND FLANGE	ASTM A351 Gr.CF8
48	EYE BOLT PIN	ASTM A276 Gr.304
53	GREASE FITTING	ANSI 304 (1-1/2" ABOVE)

**DIMENSIONS**

SIZE	PORT	L	ØE	H	H(OOPEN)	ØG	ØJ	ØI	T	F	M	ØN	
DN15	1/2"	15.0	108.0	100.1	178.1	196.1	88.9	60.5	35.1	9.7	1.6	4	15.9
DN20	3/4"	19.1	117.3	100.1	199.9	220.0	98.6	69.9	42.9	10.4	1.6	4	15.9
DN25	1"	25.4	127.0	150.1	231.9	260.1	108.0	79.2	50.8	11.2	1.6	4	15.9
DN40	1-1/2"	38.1	165.1	180.1	262.9	308.1	127.0	98.6	73.2	14.2	1.6	4	15.9
DN50	2"	50.8	177.8	180.1	278.9	337.1	152.4	120.7	91.9	15.7	1.6	8	19.1
DN65	2-1/2"	63.5	190.5	199.9	328.9	403.1	177.8	139.7	104.6	17.5	1.6	8	19.1
DN80	3"	79.0	203.2	199.9	366.0	452.9	190.5	152.4	127.0	19.1	1.6	8	19.1
DN100	4"	101.6	228.6	300.0	430.0	544.1	228.6	190.5	157.2	23.9	1.6	8	19.1
DN125	5"	127.0	254.0	300.0	507.0	650.0	254.0	215.9	185.7	23.9	1.6	8	22.2
DN150	6"	152.4	266.7	300.0	572.0	739.9	279.4	241.3	215.9	25.4	1.6	12	22.2
DN200	8"	203.2	292.1	350.0	724.9	944.1	342.9	298.5	269.7	28.4	1.6	12	22.2
DN250	10"	254.0	330.2	400.1	873.0	1145.0	406.4	362.0	323.9	30.2	1.6	12	25.4
DN300	12"	304.8	355.6	450.1	1008.9	1332.0	482.6	431.8	381.0	31.8	1.6	12	25.4