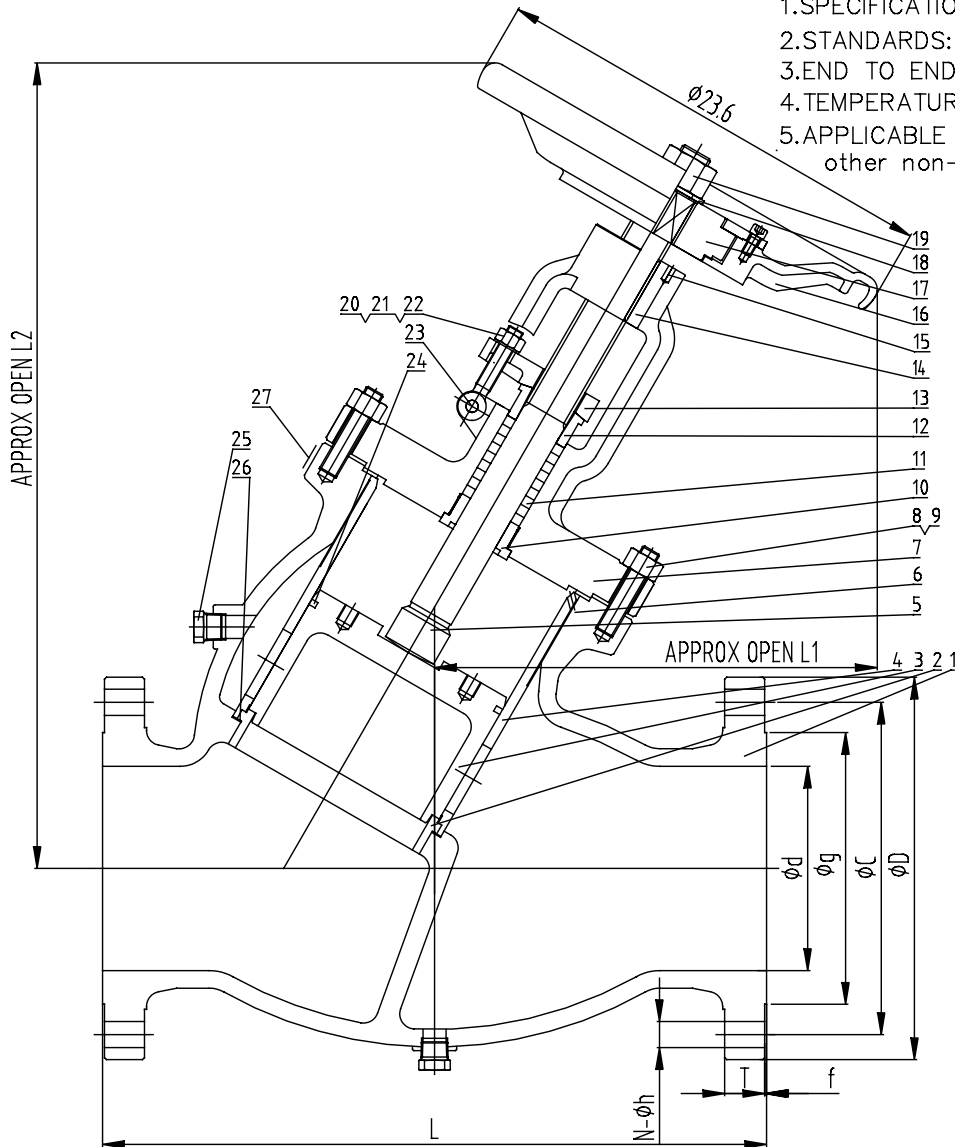


DESIGN DATA

- 1.SPECIFICATION REQUIRED: ASME B16.34,BS1873.
- 2.STANDARDS: ASME B16.34 300LB.
- 3.END TO END DIMENSION: ASME B16.10.
- 4.TEMPERATURE: -20~797F
- 5.APPLICABLE MEDIUM: Water, steam, oil and other non-corrosive medium.



Test Pressure Specifications Table	
PRESSURES CLASS	300LB
SHELL	1117
SEAT	812
SEAT	812
LOW PRESSURE SEAT	87

PSI

No.	Name	Pcs	Material
1	Body	1	A216 WCB
2	Seat Ring	1	A105+STL
3	Disc	1	WCB+STL
4	Bushing	1	WCB
5	Stem	1	A182 F6a
6	Gasket	1	304+metal graphite
7	Bonnet	1	WCB
8	Bonnet Bolt	16	A193 B7
9	Bonnet Nut	16	A194 2H
10	Bonnet Bush	1	A276 410
11	Packing	10	GRAPHITE
12	Gland	1	A276 410
13	Gland Flange	1	WCB
14	Yoke Sleeve	1	A439 D-2
15	Set Screws	1	A29 1035
16	Impact Hand Wheel	1	A395 60-40-18
17	Wheel Core	1	WCB
18	Washer	1	1035
19	Gland Nut	1	A194 2H
20	Gland Bolt	2	A193 B7
21	Hand Nut	2	A194 2H
22	Washer	2	CS
23	Pin	2	A29 1035
24	Disc Ring	1	ALLOY CAST IRON
25	Drain Plug	2	304
26	Body Seat Gasket	1	304+GRAPHITE
27	Plate	1	304

(UNIT:Inch)

Size	d	g	C	D	L	L1	L2	T	f	D1	N-φh	Weight
6	6	8.5	10.6	12.6	21.5	17.2	27.6	1.38	0.06	17.7	12-φ0.87	414lbs
8	8	10.6	13	15	26	19.3	34.8	1.56	0.06	23.6	12-φ1	735lbs

STEAMCO  
FIG# 300GNR