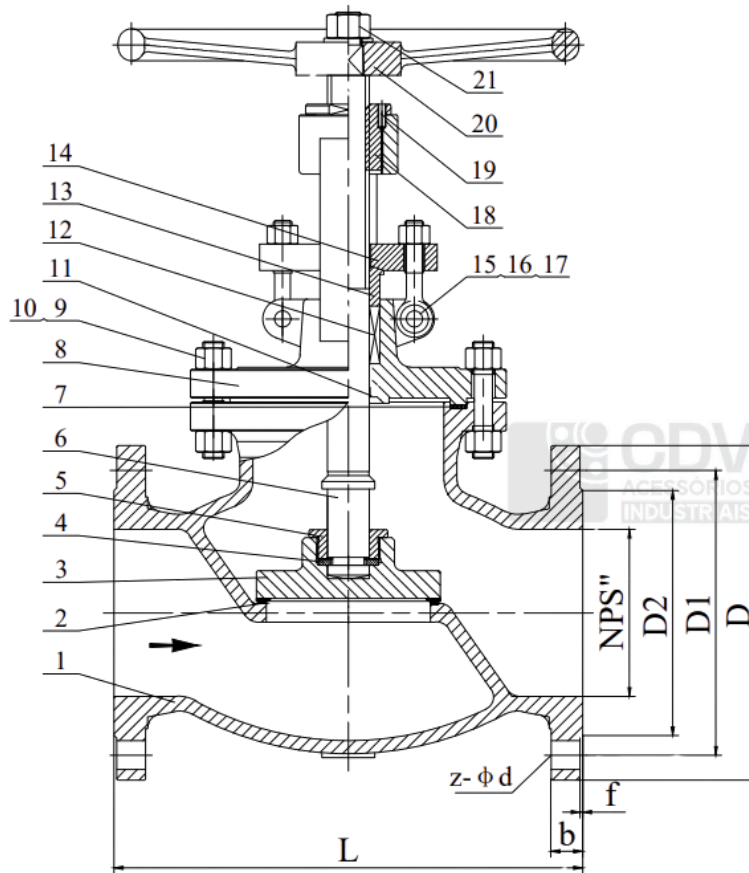


FIG. 214



NPS	L	D	D1	D2	b	z-φd	f
2"	267	ø 165	ø 127	ø 92.1	20.7	8-ø 19	2
2.1/2"	292	ø 190	ø 149.2	ø 104.8	25.9	8-ø 22	2
3"	318	ø 210	ø 168.3	ø 127	27	8-ø 22	2
4"	356	ø 255	ø 200	ø 157.2	30.2	8-ø 22	2
5"	400	ø 280	ø 235	ø 185.7	35.4	8-ø 22	2
6"	444	ø 320	ø 269.9	ø 215.9	37	12-ø 22	2

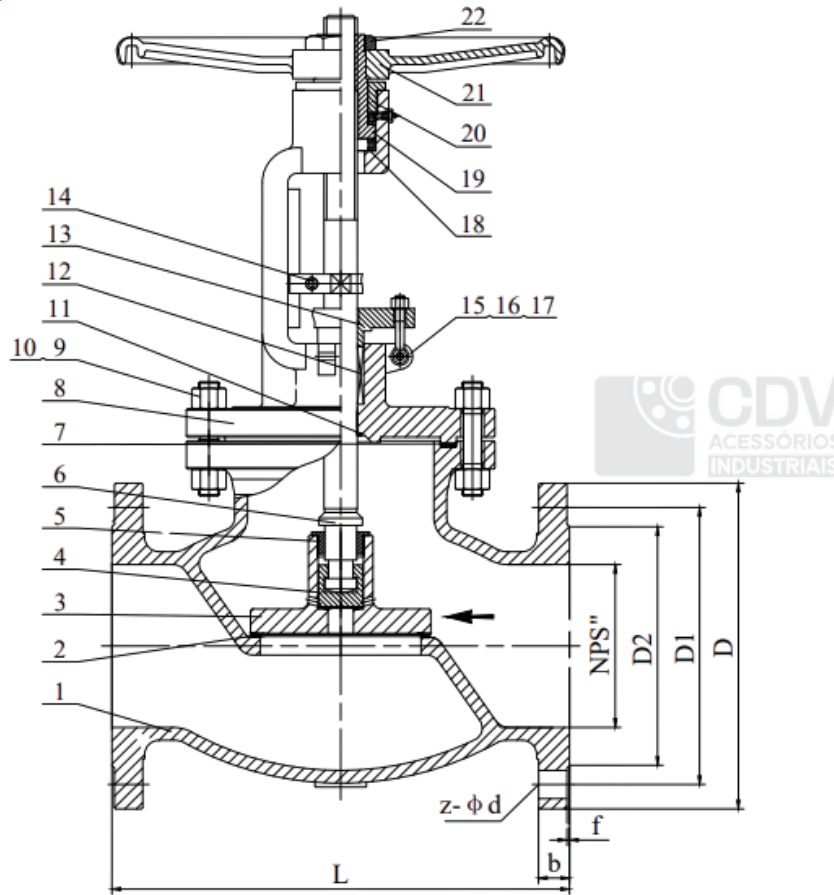
Performance Specification		
Nominal Pressure	300Lb(5.0MPa)	Test Medium
Shell Test	(7.5MPa)	Water
Seal Test	(5.5Mpa)	
Back Seal Test	(5.5Mpa)	
Air Seal Test	80Lb(0.6MPa)	Air
Suitable Temperature	-29~425°C	
Suitable Media	Water/Steam/Oil	

Standards:

- 1 Design and manufacture: BS1873
- 2 Face to Face dimension: ASME B16.10
- 3 Flanged End: ASME B16.5 RF
- 4 Pressure temperature ratings: ASME B16.34
- 5 Pressure test: API 598

Material Table		
21	H.W.Lock nut	C.S
20	Handwhell	ASTM A47
19	Screw	C.S
18	Stem nut	ZcuA110Fe3
17	Gland Nut	ASTM A 194-2H
16	Gland bolt	ASTM A 193-B7
15	Pin	C.S
14	Gland	ASTM A216 WCB
13	Bushing	ASTM A 182 F6a
12	Packing	304+Graphite
11	Backseat	ASTM A216 WCB+13Cr
10	Nut	ASTM A 194-2H
9	Stud	ASTM A 193-B7
8	Bonnet	ASTM A 216 WCB
7	Gasket	201S.S.Jacketed Graphite
6	Stem	ASTM A 182 F6a
5	Disc cover	C.S
4	Split ring	C.S
3	Disc	ASTM A 105+13Cr
2	Seat ring	ASTM A216 WCB+13Cr
1	Body	ASTM A216 WCB
No.	Parts	Material
Product name: Globe Valve		Classe: 300
Designer: CDV INDUSTRIAL		Type: J41H
Date: MAR/2025		Drawing: Fig 214

FIG. 214



Performance Specification		
Nominal Pressure	300Lb(5.0MPa)	Test Medium
Shell Test	(7.5MPa)	Water
Seal Test	(5.5Mpa)	
Back Seal Test	(5.5Mpa)	
Air Seal Test	80Lb(0.6MPa)	Air
Suitable Temperature	-29~425°C	
Suitable Media	Water/Steam/Oil	

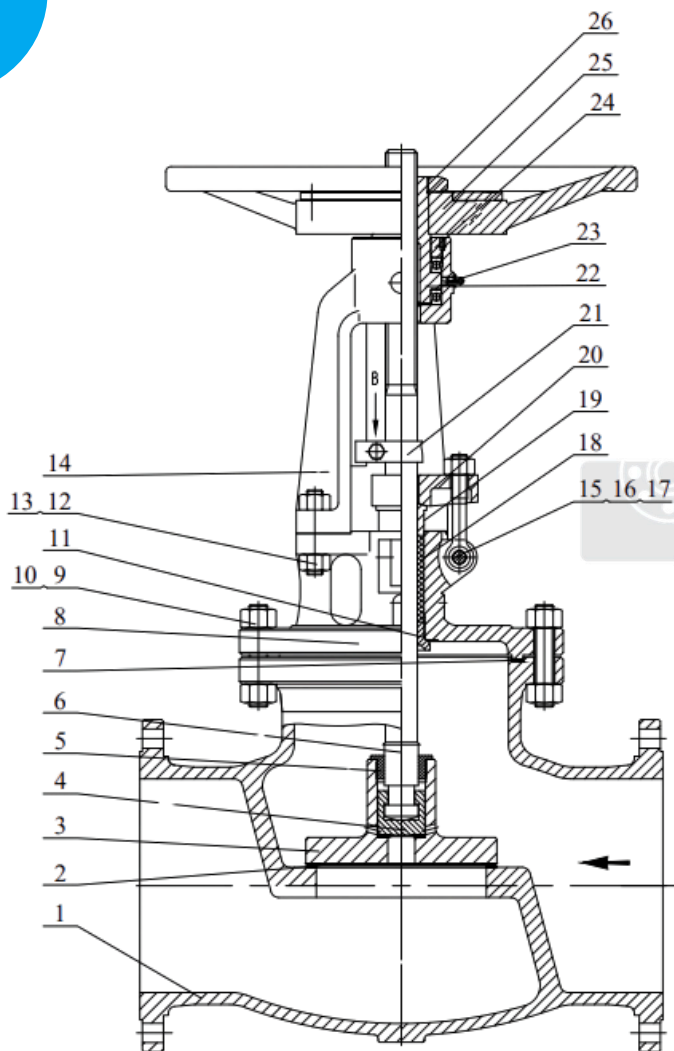
Standards:

- 1 Design and manufacture: BS1873
- 2 Face to Face dimension: ASME B16.10
- 3 Flanged End: ASME B16.5 RF
- 4 Pressure temperature ratings: ASME B16.34
- 5 Pressure test: API 598

Material Table		
22	H.W.Lock nut	C.S
21	Handwhell	ASTM A47
20	Retaining nut	C.S
19	Stem nut	ZcuA110Fe3
18	Bearing	C.S
17	Gland Nut	ASTM A 194-2H
16	Gland bolt	ASTM A 193-B7
15	Pin	C.S
14	Guide block	C.S
13	Gland	ASTM A216 WCB
12	PacKing	Graphite
11	Backseat	ASTM A216 WCB+13Cr
10	Nut	ASTM A 194-2H
9	Stud	ASTM A 193-B7
8	Bonnet	ASTM A 216 WCB
7	Gasket	304S.S.Jacketed Graphite
6	Stem	ASTM A 182 F6a
5	Disc cover	C.S
4	Split ring	C.S
3	Disc	ASTM A 105+13Cr
2	Seat ring	ASTM A216 WCB+13Cr
1	Body	ASTM A216 WCB
No.	Parts	Material
Product name: Globe Valve		Classe: 300
Designer: CDV INDUSTRIAL		Type: J41H
Date: MAR/2025		Drawing: Fig 214

NPS	L	D	D1	D2	b	z-φd	f
8"	559	φ 380	φ 330.2	φ 269.9	41.9	12-φ 25	2

FIG.
214



NPS	L	D	D1	D2	b	z-ød	f
10"	622	ø 445	ø 387.4	ø 323.8	48.1	16-ø 29	2
12"	711	ø 520	ø 450.8	ø 381	51.3	16-ø 32	2

Performace Specification		
Nominal Pressure	300Lb(5.0MPa)	Test Medium
Shell Test	(7,5MPa)	Water
Seal Test	(5,5Mpa)	
Back Seal Test	(5,5Mpa)	
Air Seal Test	80Lb(0.6MPa)	Air
Suitable Temperature	-29~425°C	
Suitable Media	Water/Steam/Oil	

Standards:

- 1 Design and manufacture: BS1873
- 2 Face to Face dimension: ASME B16.10
- 3 Flanged End: ASME B16.5 RF
- 4 Pressure temperature ratings: ASME B16.34
- 5 Pressure test: API 598

Material Table		
26	H.W.Lock nut	C.S
25	Handwhell	ASTM A47
24	Screw	C.S
23	Screw	C.S
22	Stem nut	ZcuA110Fe3
21	Guide block	C.S
20	Gland	ASTM A216 WCB
19	Bushing	ASTM A 182 F6a
18	PackKing	Graphite
17	Gland Nut	ASTM A 194-2H
16	Gland bolt	ASTM A 193-B7
15	Pin	C.S
14	Nut	ASTM A 194-2H
13	Stud	ASTM A 193-B7
12	PacKing	304+Graphite
11	Backseat	ASTM A216 WCB+13Cr
10	Nut	ASTM A 194-2H
9	Stud	ASTM A 193-B7
8	Bonnet	ASTM A 216 WCB
7	Gasket	201S.S.Jacketed Graphite
6	Stem	ASTM A 182 F6a
5	Disc cover	C.S
4	Disc	ASTM A 105+13Cr
3	Disc	ASTM A 105+13Cr
2	Seat ring	ASTM A216 WCB+13Cr
1	Body	ASTM A216 WCB
No.	Parts	Material
Product name: Globe Valve		Classe: 300
Designer: CDV INDUSTRIAL		Type: J41H
Date: MAR/2025		Drawing: Fig 214