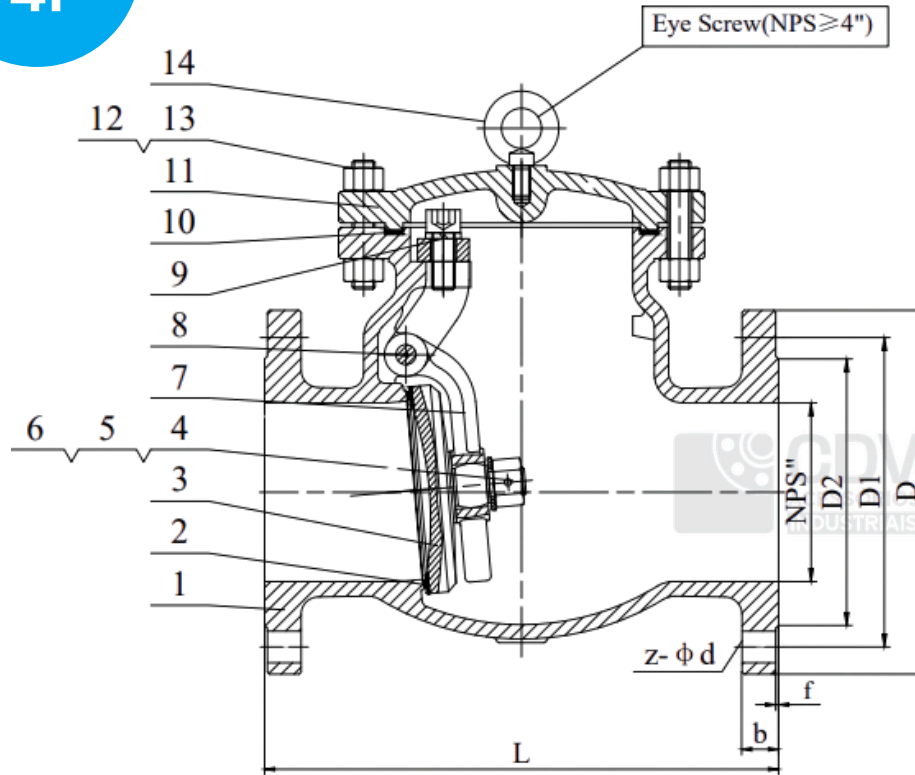


**FIG.
41**



NPS	L	D	D1	D2	b	z-φd	f
2"	203	φ 150	φ 121	φ 92	16.5	4-φ19	2
2 1/2"	216	φ 180	φ 140	φ 105	18	4-φ 19	2
3"	241	φ 190	φ 152.5	φ 127	19.5	4-φ 19	2
4"	292	φ 230	φ 190.5	φ 157	24.5	8-φ 19	2
5"	330	φ 255	φ 216	φ 186	24.5	8-φ 22	2
6"	356	φ 280	φ 241.5	φ 216	26	8-φ 22	2
8"	495	φ 345	φ 298.5	φ 270	29	8-φ 22	2
10"	622	φ 405	φ 362	φ 324	31	12-φ 25	2
12"	698	φ 485	φ 432	φ 381	32.5	12-φ 25	2

Performance Specification		
Nominal Pressure	Class150	Test Medium
Shell Test	(3.0 MPa)	Water
Seal Test	(2.2 Mpa)	
Back Seal Test		
Air Seal Test	80Lb(0.6MPa)	Air
Suitable Temperature	-29~425°C	
Suitable Media	Water/Steam/Oil	

Standards:

- 1 Design and manufacture: API 6D
- 2 Face to Face dimension: ASME B16.10
- 3 Flanged End: ASME B16.5
- 4 Pressure temperature ratings: ASME B16.34
- 5 Pressure test: API 598

Material Table		
14	Eye Screw	C.S
13	Nut	ASTM A 194-2H
12	Stud	ASTM A 193-B7
11	Bonnet	ASTM A216 WCB
10	GasKet	304S.S+ Graphite
9	Bolt	ASTM A193 - B7
8	Hinge Pin	SS304
7	Hinge	ASTM A216 WCB
6	GasKet	SS304
5	Nut	ASTM A 194 -2H
4	Pin	SS304
3	Disc	ASTM A216 WCB +13Cr
2	Seat ring	ASTM A216 WCB +13Cr
1	Body	ASTM A216 WCB
No.	Parts	Material
Product name: Check Valve		Classe: 150
Designer: CDV INDUSTRIAL		Type: H44H
Date: MAR/2025		Drawing: Fig 41