# Cast Ductile Iron Water Valve GGG40 GGG50 Tilting Disc Check Valve With Hammer Weight

# **Basic Information**

Place of Origin: CHINABrand Name: DEYE

Certification: ISO9001:2015 PEDModel Number: DY-CV-H-001-1

• Minimum Order Quantity: 10PCS

• Price: USD2-USD20000 each

Packaging Details: carton box+ ply wooden cases or carton+

Pallets

• Delivery Time: 20 days for usual order, 7 days for stocked

items

• Payment Terms: T/T, L/C, D/P

• Supply Ability: 1000pcs one month



# **Product Specification**

Highlight: Cast Ductile Iron Water Valve,

Water Valve GGG40,

GGG50 tilting disc check valve



# More Images





# **Product Description**

Model No. CV-H-001-1

ductile iron Tilting check valves with cylinder hydraulic DAMPER, PN16 . Temperature: -20 -+120

#### **Quick Detail**

Design standard: BS /DIN standard

Pressure: PN16 PN25 End connection: RF. Flange Face to face: EN558 Series 14 Test and inspection: API 598.

Connection: Flange ends conform to ASME B16.5 EN1092-1 Epoxy powder coated inside and outside 250Microns

FBE surface 250Mincrons.

### **Product Range:**

Available Body Material: Cast Iron GG25, Ductile iron GGG40, GGG50

Available Disc Material: Ductile iron, Bronze

Optional Seat Ring: Brass, Bronze, SS304, SS316, EPDM

Optional Design: DIN /BS/ ANSI with difference Face to face length

Optional Ends: BS4504/EN1092-1 PN16/ ANSI B16.5 RF

Size Range: DN100-DN1200 4"-48")

Pressure Range: PN10, PN16, PN20(150LBS)

Optional surface color: RAL5002, RAL5015. RAL5005, red, black. Or customized

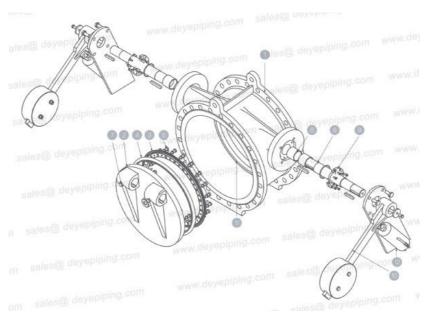
#### Performance:

- Tilting Check Valve, while allowing the flow moving to the desired flow direction, stops the flow when exposed to back flow
- With the start of movement at defined flow direction on the system, the disc leaves the flow section by turning in its axis and allows the flow pass.
- When the flow stops, the disc sits on the machined sealing seat through by force of extra weight and maintains 100% tight sealing.
- The body and the disc can be manufactured as cast iron and ductile iron and sealing seats are manufactured from stainless steel
- Hydraulic brake system can be assembled to disc closer unit if it is required at project.

The rate of closure can be controlled due to tilting check valve with hydraulic brake system and the system passes to

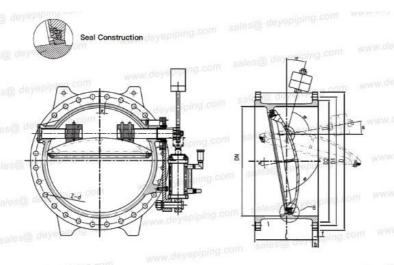
 $. \ static \ position \ slightly. \ The \ installation \ equipment \ protected \ from \ impact \ strength.$ 

# **Construction of Tilting Disc Check valve**



No.	Item Description	Material	Ot	
		Standard	Optional	Standard
1	IVAIVE ROOV	Dudtlea Iron EN GJS Ductle iron EN GJS 500/7 400712		EN1563
2	IVAIVE DISC	Ductile Iron EN GJS 500/7	Ductile Iron EN-GJS 400/12	EN1563

3-1	Retaining Ring (B)	Ductlle Iron EN-GJS 600/7	Ductla Iron EN GJG 400/12	EN1563	
3-2	Retaining Ring (A)	ss304	ss316	EN10099	
4	Disc Seal	EPDM	NBR		
5	Retainer Bolts	S3304	S9316	EN10088	
6	Shaft	X20Cr13{AEI 420J	89316	EN10088	
7	Hex Bolt Nut	S3304	SS316	EN10088	
8	Bearing	Self iubroatng PTFE/Stoe			
9	Gland	Ductile Iron EN GJS 500/7	Duotile Iron EN GJS 400712	EN1563	
10	Oounter weight & arm	Ductile Iron EN GJS 500/7	Ducile Iron EN GJS 400/12	EN1563	
11	Body seat	93316	htcgrated in valvb bcdy	EN10098	
12	Hydraulic Damper	Carbon Stool			



# Design features

			Hovenining															
Nomina Diamet	lomina Nameter	Ft	οF	اروا	PNI0			PN16					PN25					
	DN	L	f	ØD	ØD1	ØD2	b	Ølxn	ØD	ØK	Ød	b	Ølxn	ØD	ØK	Ød	b	Ølxn
	100	190	3	220	180	156	19	19x8	220	180	156	19	19x8	235	190	156	19	23x8
	125	200	3	250	210	184	19	19x8	250	210	184	19	19x8	270	220	184	19	28x8
	150	210	3	285	240	211	19	23x8	285	240	211	19	23x8	300	250	211	20	28x8
	200	230	3	340	295	266	20	23x8	340	295	266	20	23x12	380	310	274	22	28x12
	250	250	3	405	350	319	22	23x12	405	355	319	22	28x12	425	370	330	24.5	28x16
	300	270	4	460	400	370	24.5	23x12	460	410	370	24.5	28x12	485	430	389	27.5	31x16
	350	290	4	505	460	429	24.5	23x16	520	470	429	26.5	28x16	555	490	448	30	34x16
	400	310	4	565	515	480	24.5	28x16	580	525	480	28	31x16	620	550	503	32	37x16
	450	330	4	615	565	530	25.5	28x20	640	585	548	30	31x20	670	600	548	34.5	37x20
	500	350	5 4	670	620	582	28.5	28x20	715	650	609	31.5	34x20	730	660	609	36.5	37x20
	600	390	5	780	725	682	30	31x20	840	770	720	36	37x20	845	770	720	42	41x20
	700	430	5	895	840	794	32.5	31x24	910	840	794	39.5	37x24	960	875	820	46.5	44x24
	800	470	5	1015	960	901	35	34x24	1025	950	901	43	41x24	1085	990	928	51	50x24
	900	510	5	1115	1050	1001	37.5	34x28	1125	1050	1001	46.5	41x28	1165	1090	1028	55.5	50x28
	1000	550	5	1230	1160	1112	40	37x28	1255	1170	1112	50	44x28	1320	1210	1140	60	57x28
	1100	590	5	1355	1270	1218	53.5	37x32	1355	1270	1218	53.5	44x32	1420	1310	1240	64.5	57x32
	1200	630	5	1455	1380	1328	45	41x32	1485	1390	1328	57	50x32	1530	1420	1350	69	57x32
	1300	670	5	1585	1490	1432	59	42x32	1585	1490	1432	59	50x32	cale	s@ 0	evel	1111	-
	1400	710	5	1675	1590	1530	46	44x36	1685	1590	1530	60	50x36	1755	1640	1560	74	62x36
	1500	750	5	1820	1700	1640	47	44x36	1820	1710	1640	62.5	57x36	1865	1750	1678	77.5	62x36
	1600	790	5	1915	1820	1750	49	50x40	1930	1820	1750	65	57x40	1975	1860	1780	81	62x40
	1800	870	5	2115	2020	1950	52	50x44	2130	2020	1950	70	57x44	2195	2070	1985	88	70x44
	2000	950	5	2325	2230	2150	55	50x48	2345	2230	2150	75	62x48	2425	2300	2210	95	70x48



**Application:** water, steam, oil, pumping system

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