



DIN3352 EN1171 Ductile Iron NRS Resilient Gate Valves For Water

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: DEYE
- Certification: ISO9001:2015 PED
- Model Number: DY-GV-Z-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: NRS Resilient Gate Valves,
Ductile Iron Resilient Gate Valves,
DIN3352 resilient seated gate valve



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Product Description

Ductile Iron Nrs Resilient Gate Valves For Water

Model No. GV-Z-1

ductile iron DIN PN16 Flat resilient Gate valve for drinking Water. Temperature: -30 ~+125

Gate Valves Quick Detail

Gland Gate valve

Material	Iron
Design standard	DIN3352 EN1171, BS5163, AWWAC515
End connection	RF. Flange
Face to face	DIN33352 F4 short type, F5 Long Type, BS5163, AWWAC515
Working temperature	-30 ~+125
Test and inspection	API 598
Product Range Size	2"-48" DN50-DN1200
Connection	Flange ends conform to EN1092-1
Inside and outside FEB coating Min	250 Microns

Gate Valves Range:

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

Available Disc Material: Ductile iron, Bronze

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

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

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

Size Range: DN50-DN1200 (2"-48")

Pressure Range: PN10, PN16, 150LBS.

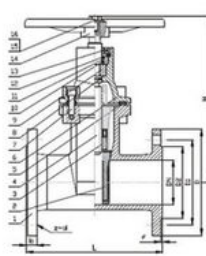
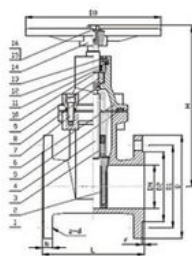
Optional surface color: RAL5002, RAL5015. RAL5005, red, black. Or customized

Optional Operation: Handwheel /Chain wheel/ electric Actuator/pneumatic actuator

Performance

- PN10/16/PN25/150PSI/225PSI Resilient Seated Gate Valve is operating by the EPDM covered iron wedge moving perpendicular to the flow axis through a worm machined stem multi turned
- 100% tight sealing is achieved through EPDM covered wedge fully contacting The fusion bonded epoxy coated flow surface
- In each time the valve is opened, the flow on the line cleans the sealing surface, Prevents from dirt and deposits
- With its short installation length (DIN 3202 F4), does not occupy a big place
- It has ductile iron body and stainless steel stem
- Inner and outer surfaces are coated with minimum 250 microns fusion bonded epoxy
- Suitable to install actuator and gearbox
- Suitable to use with ground and underground applications. Can be operated with extension spindle
- Very low head loss rating. Can be operated with lower torque ratings, no maintenance needed

Technical Data Sheets:



Material

No.	Part Name	Material	Standard
1	Body	Ductile Iron	GGG50
2	Wedge	Ductile Iron/NBR	GGG50/NBR
3	Stem Nut	Brass	
4	Stem	Stainless Steel	2Cr13
5	Gasket	NBR	
6	Bonnet	Ductile Iron	GGG50
7	Bonnet Bolt	Carbon Steel	A3
8	O-Ring	NBR	
9	Locating Ring	Brass	
10	O-Ring	NBR	
11	Bonnet Nut	Brass	
12	Minipad	TFL	
13	Dust Ring	NBR	
14	Wheel	Ductile Iron	GGG50
15	Washer	Carbon Steel	A3
16	Bolt	Carbon Steel	A3

Design & Test

Design: DIN3352-F4/F5		
Flange Drilling is according to EN1092-1		
Working Pressure:	PN10	PN16
Shell Test:	1.5Mpa	2.4Mpa
Seat Test:	1.1Mpa	1.8Mpa
Application:	W.O.G.	
Test Standard	EN 12266-1 / API598	

Application: Water treatment, irrigation, Petroleum, electric Power, metallurgy, Urban Construction etc

Dimension

mm

DN	L(F4)	L(F5)	H	PN10						PN16					
				D	D1	D2	b	f	z-d	D	D1	D2	b	f	z-d
DN40	140	240	203	150	110	84	19	3	4- ϕ 19	150	110	84	19	3	4- ϕ 19
DN50	150	250	223	165	125	99	19	3	4- ϕ 19	165	125	99	19	3	4- ϕ 19
DN65	170	270	248	185	145	118	19	3	4- ϕ 19	185	145	118	19	3	4- ϕ 19
DN80	180	280	274	200	160	132	19	3	8- ϕ 19	200	160	132	19	3	8- ϕ 19
DN100	190	300	307	220	180	156	19	3	8- ϕ 19	220	180	156	19	3	8- ϕ 19
DN125	200	325	362	250	210	184	19	3	8- ϕ 19	250	210	184	19	3	8- ϕ 19
DN150	210	350	400	285	240	211	19	3	8- ϕ 23	285	240	211	19	3	8- ϕ 23
DN200	230	400	487	340	295	266	20	3	8- ϕ 23	340	295	266	20	3	12- ϕ 23
DN250	250	450	573	395	350	319	22	3	12- ϕ 23	405	355	319	22	3	12- ϕ 28
DN300	270	500	661	445	400	370	24.5	4	12- ϕ 23	460	410	370	24.5	4	12- ϕ 28
DN350	290	550	733	505	460	429	26.5	4	16- ϕ 23	520	470	429	26.5	4	16- ϕ 28
DN400	310	600	810	565	515	482	28	4	16- ϕ 28	580	525	489	28	4	16- ϕ 31

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Applications

Gate Valves Used For Hot Water, Cold Water, Fluids without acidity or alkalinity properties

