

ERHARD Wedge Gate Valves to DIN 3352-2B

of cast iron, with inside stem thread

Range of application

Size DN	Pressure rating ⁹⁾ PN	Hydrost. test pressure ⁸⁾ in bars for		Max. admissible working pressure in bars at a working temperature of up to 70° C for liquids, gases and vapours ¹⁾
		body	seat	
40 - 150	10	17	11	10
200 - 300	6	12	6,6	6
350 - 500	4	6	4,4	4
600 - 700	2,5	3,75	2,75	2,5
800	1,6	2,4	1,76	1,6
900 - 1200	1	1,5	1,1	1
1400 - 1600	1,6	2,4	1,76	1,6

When placing the order, please specify flow medium, concentration, working pressure, and temperature.

Flanges DN 40 - 150, B..., PN 16, GI, type 21, EN 1092-2⁴⁾

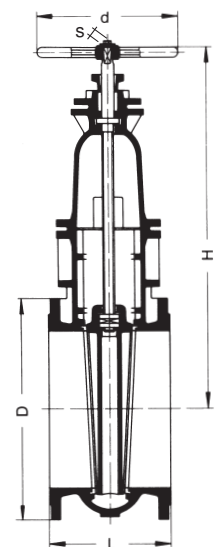
Flanges DN 200 - 1200, B..., PN 10, GI, type 21, EN 1092-2

Materials

Corrosion protection	EKB epoxy coating, blue, RAL 5015
Body components, wedge discs	Ductile cast iron EN-JS1050 ⁵⁾
Seat rings	Stainless Steel at least 13% chrome
Stem	Ferritic chrome steel (at least 13% chrome)
Stem nut	Cast iron EN-JS1030 ⁶⁾
Seals	Soft material
Stem seals	Soft material, adjustable
Connecting bolts	Stainless steel A2, DIN-ISO 3506
Handwheel	Cast iron

Dimensions

Size DN	Face-to-face dimension ⁷⁾ L mm	Height (approx.) H mm	Flange dia. D mm	Handwheel dia. d mm	Square S mm	Stem turns per travel ²⁾ approx.	Weight (without handwheel) ³⁾ kg
40	140	240	150	140	12	14	8
50	150	255	165	140	12	16	10
65	170	295	185	160	13	20	14
80	180	315	200	160	13	19	18
100	190	345	220	180	14	23	22
125	200	400	250	200	16	28	29
150	210	430	285	200	16	34	35
200	230	525	340	225	17	44	62
250	250	625	395	280	19	54	90
300	270	725	445	320	19	64	117
350	290	830	505	360	24	62	162
400	310	945	565	360	24	71	211
450	330	1025	615	400	27	79	276
500	350	1120	670	500	27	74	340
600	390	1300	780	500	27	90	500
700	430	1480	895	640	32	106	720
800	470	1710	1015	720	36	105	1100
900	510	1880	1115	800	41	105	1300
1000	550	2030	1230	800	41	116	1500
1200	630	2435	1455	800	41	127	2900
1400	710	2810	1575	900	55	147	4850
1600	790	3145	1790	1000	60	138	7100



¹⁾ Not suitable for combustible gases to DVGW reference sheet G260/I.

²⁾ Stem turns refer to single trapezoidal thread to DIN 103.

³⁾ Net (without obligation).

⁴⁾ For DN 80, please specify if to be drilled with 4 or 8 holes.

⁵⁾ Former DIN discription 0.7050 (GGG 50)

⁶⁾ Former DIN discription 0.7040 (GGG 40)

⁷⁾ Corresponds to EN 558-1, FTF basic serie R14 (DIN 3202, basic serie F4)

⁸⁾ Corresponds to EN 12266 and EN 1074

⁹⁾ Upper pressure rating on request

On request: with electric actuator for higher temperature, with other body materials (GGG-50).

On request with maintenance-free stem seal (temperature max. 70 °C) with indicating device and flushing device, flanges to ANSI, BS.