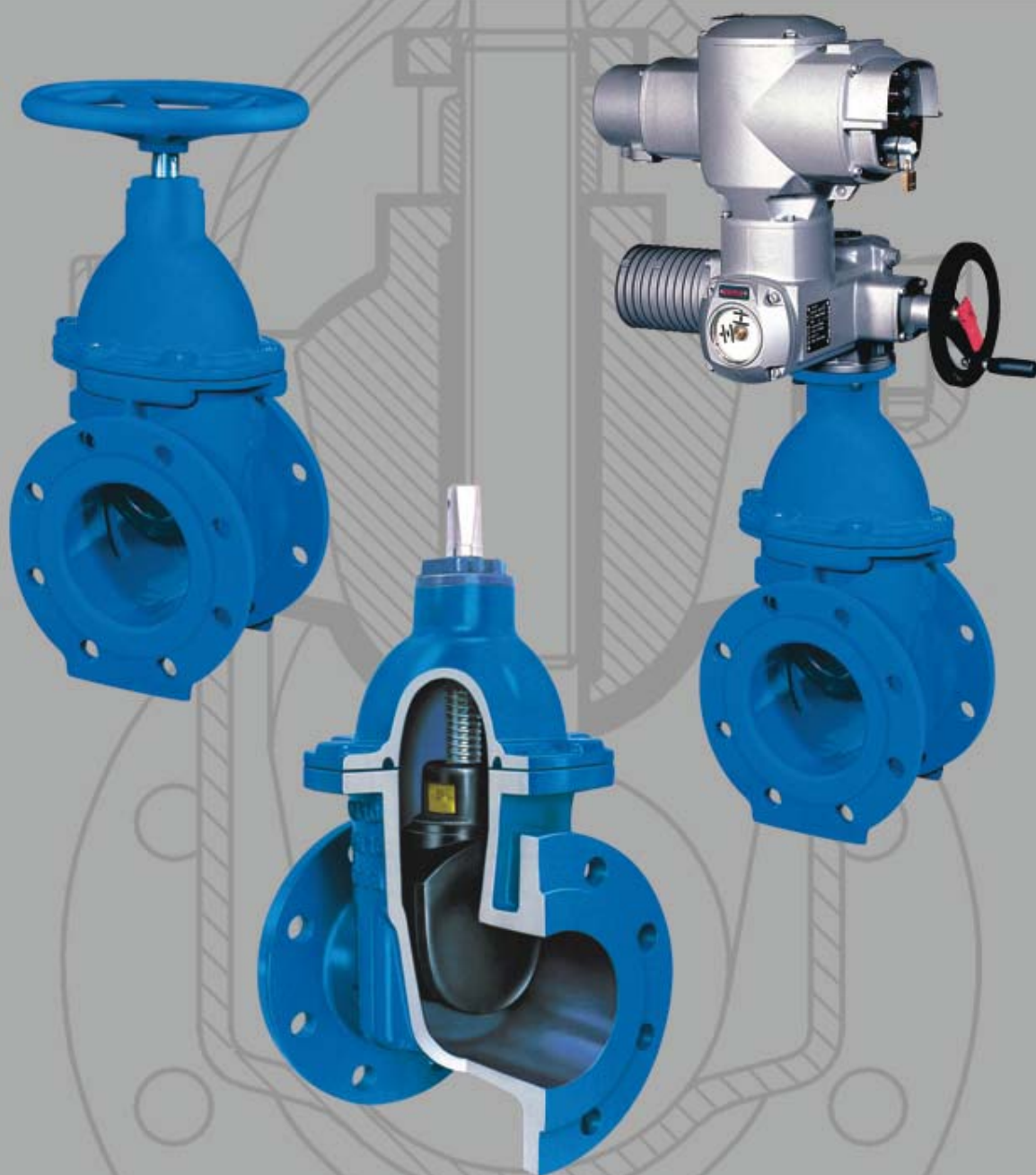




AB VALVES GmbH

Manufacturer of Industrial Valves
and Relevant Equipments

Gate Valves Soft Sealing type (GVS)





Gate Valves Soft Sealing type (GVF4 , GVF5)

Size: DN 50 – 300
Pressure: PN 10 – 16

Flanges: DIN EN 1092 – 2 (DIN 2501)
Face to face: DIN EN 558 – 1 series 14/15 (DIN 3202 – F4 & F5)

Product Features:
Body material is from cast iron (GGG) and wedge is fully covered by NBR or EPDM. Spindle material is stainless steel .valve is designed such a way that provide safe sealing. By turning the stem clockwise, with the elastic design of the sealing wedge (soft sealing), gives absolute tightness with minimum torque.

Application:
AB soft sealing gate valves are used for closing and opening fluid flow. The Gate valves soft sealing can be used for fluids up to 70°C such as drinking water and untreated water and also compressed air per Certificate DVGW-G260 (Other media on request). Application fields are water supplies, dams, water treatment, pumping stations, pipe lines, industries, power plants, waste water, and irrigation.

Corrosion Protection:
Completely coated with blue electrostatic powder coating with minimum 250 micron thickness.

Hydrostatic test Pressure (bar) according to DIN EN 12266-1		
Nominal Pressure PN (bar)	Test Pressure	
	Body	Seat
10	17	11
16	25	17.6

Pressure drop coefficient when the valve is fully open.

DN	50	65	80	100	125	150	200	250	300
K	0.19	0.185	0.18	0.17	0.15	0.13	0.12	0.1	0.09

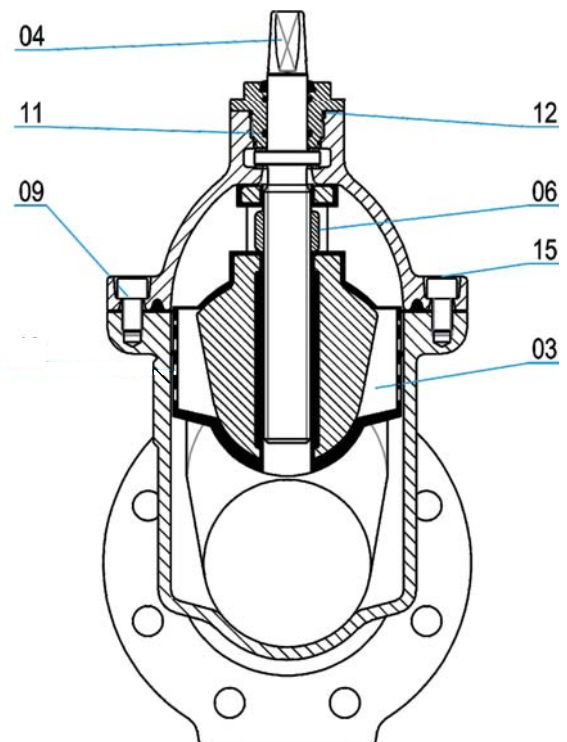
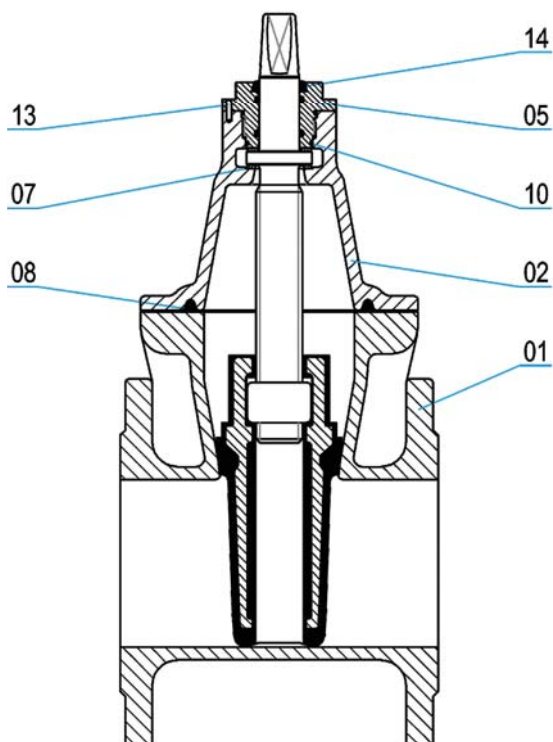


Part list:

Part	Description	Material	spare parts
1	Body (1)	EN-GJS-400-15 (1)	
2	Bonnet (1)	EN-GJS-400-15 (1)	
3	Wedge	EN-GJS-400-15 (1) fully covered with NBR or EPDM	•
4	Stem	1.4021 rolled thread	•
5	Lock nut (2)	EN-GJS-250 (2)	•
6	Stem nut	2.0540 (Cu Zn 35 Ni F 45)	•
7	Slid ring	POM	
8	O-Ring	EPDM / NBR	•
9	Socket head screw	A2 / Galvanized Steel	
10	O - Ring	EPDM / NBR	•
11	O - Ring	EPDM / NBR	•
12	O - Ring	EPDM / NBR	•
13	Pin	Steel DIN 7	
14	Wiper	EPDM / NBR	•
15	Primer	Perbunan extra	

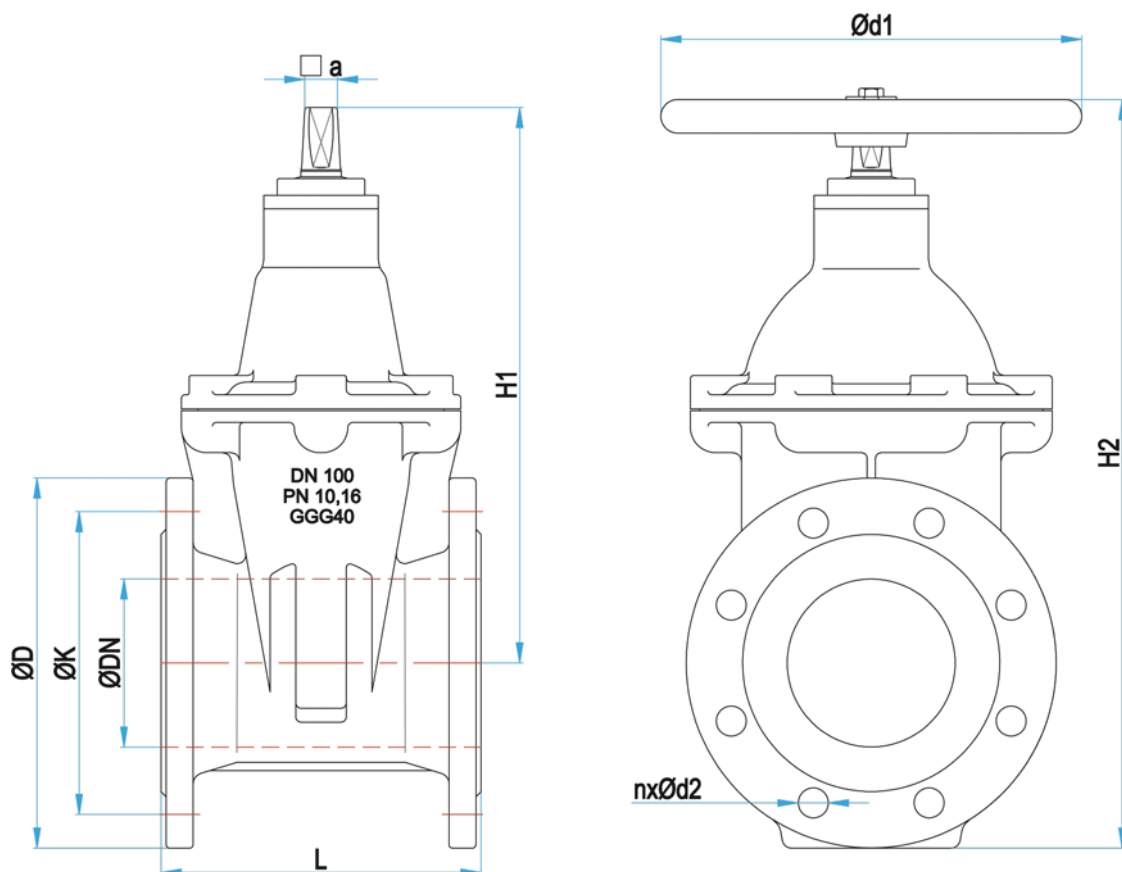
(1) EN-GJS-500-7 can be product as requested.

(2) Lock nut material Cu Zn 35 Ni F 45 on request.



Dimensions:

Gate Valves DIN 3352, part 4 - F4
(GVS4)



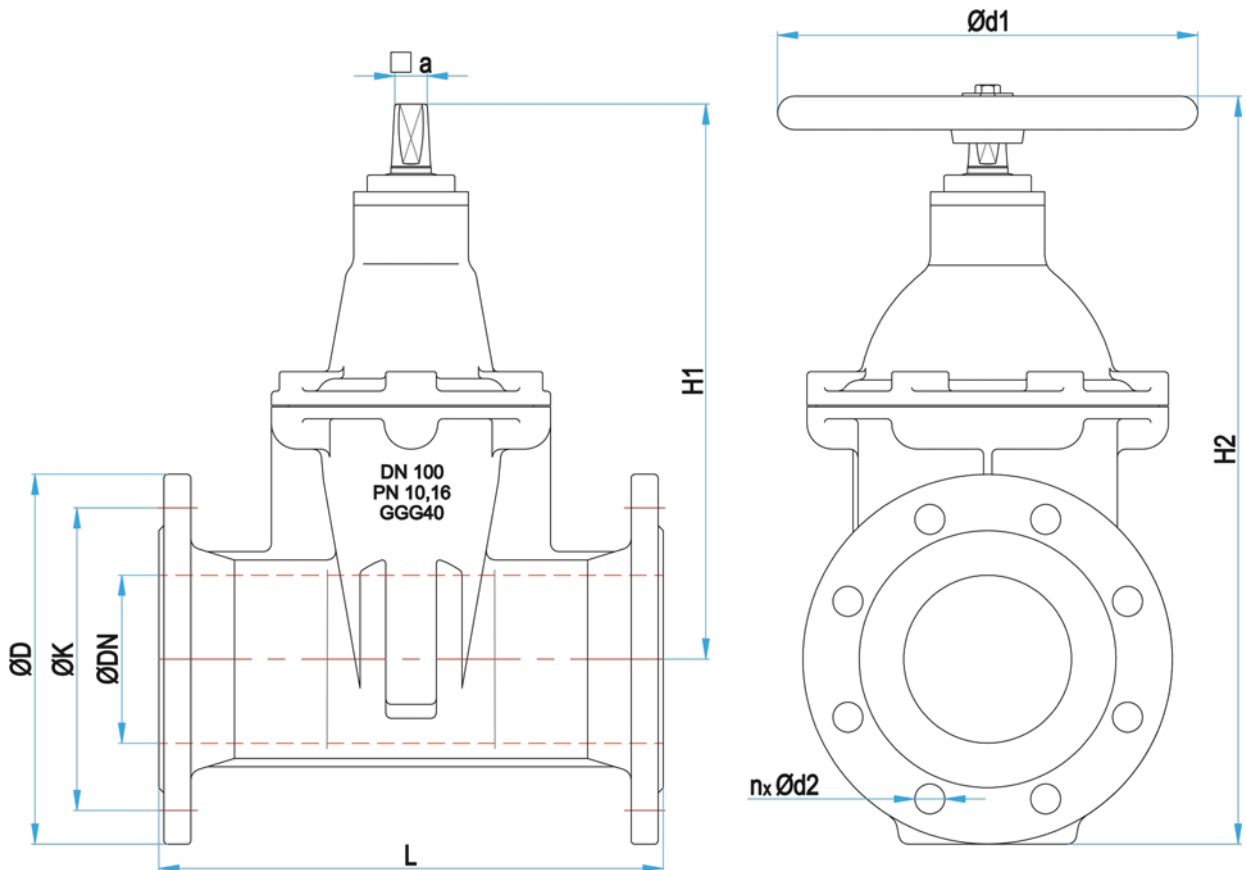
• DIN EN 1092/2 (DIN 2501)

• DIN EN 558-1 series 14 (DIN 3202 F4)

DN mm	PN bar	• L mm	H1 mm	H2 mm	• D mm	• K mm	• n	• d2 mm	a mm	Weight Kg
50	10 / 16	150	230	316	165	125	4	19	14	11.5
65	10 / 16	170	267	364	185	145	4	19	17	15.5
80	10 / 16	180	290	393	200	160	8	19	17	17
100	10 / 16	190	330	443	220	180	8	19	19	22
125	10 / 16	200	385	513	250	210	8	19	19	31.5
150	10 / 16	210	418	563	285	240	8	23	19	38.5
200	10	230	522	696	340	295	8	23	24	60
200	16	230	522	696	340	295	12	23	24	60
250	10	250	651	859	400	350	12	23	27	105
250	16	250	651	859	400	355	12	28	27	105
300	10	270	723	956	455	400	12	23	27	152
300	16	270	723	956	455	410	12	28	27	152

Dimensions:

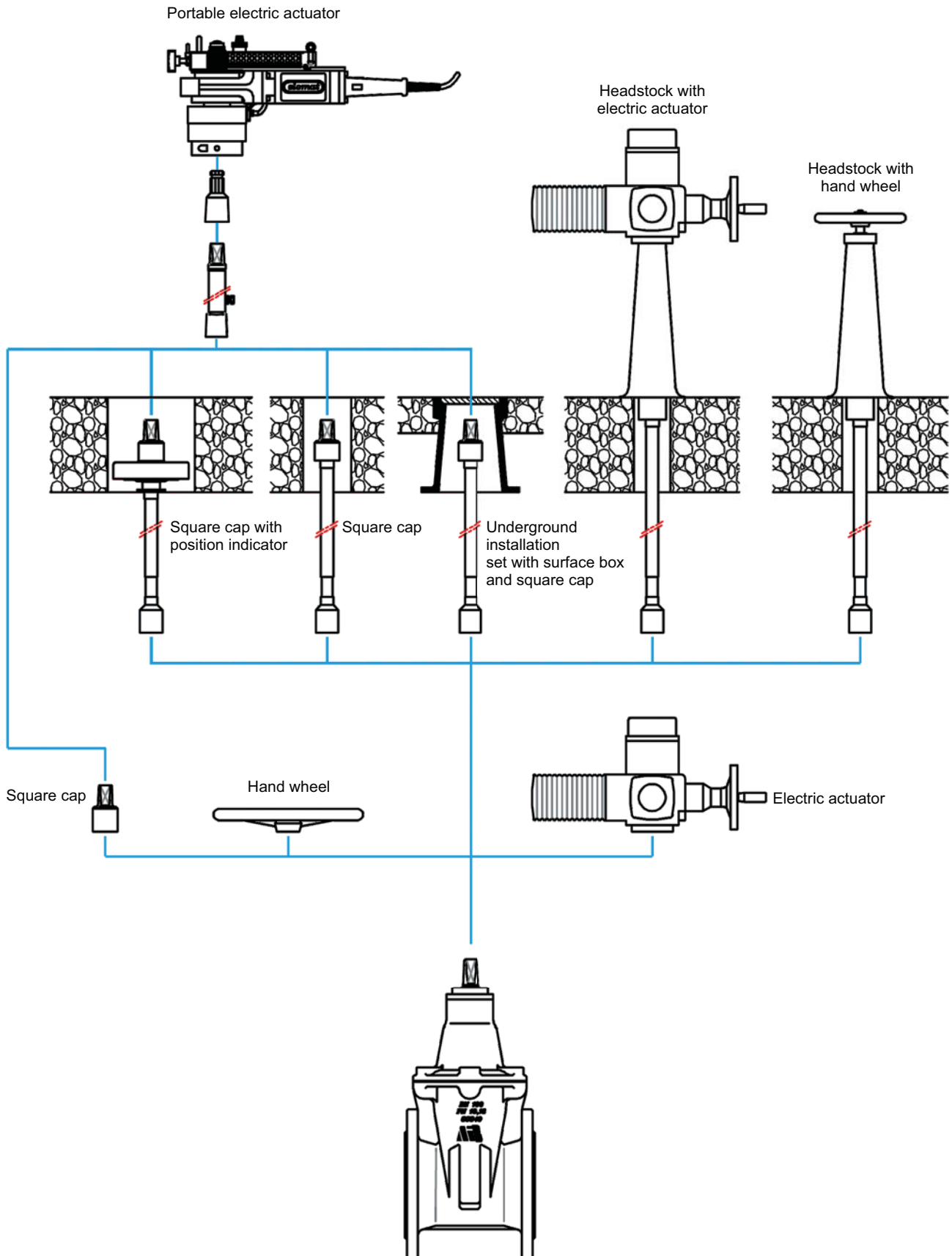
Gate Valves DIN 3352, part 4 - F5
(GVS5)



• DIN EN 1092/2 (DIN 2501)

• DIN EN 558-1 series 15 (DIN 3202 F5)

DN mm	PN bar	• L mm	H1 mm	H2 mm	• D mm	• K mm	• n	• d2 mm	a mm	Weight Kg
50	10 / 16	250	230	316	165	125	4	19	14	13
65	10 / 16	270	267	364	185	145	4	19	17	17
80	10 / 16	280	290	393	200	160	8	19	17	19
100	10 / 16	300	330	443	220	180	8	19	19	24
125	10 / 16	325	385	513	250	210	8	19	19	35
150	10 / 16	350	418	563	285	240	8	23	19	43
200	10	400	522	696	340	295	8	23	24	70
200	16	400	522	696	340	295	12	23	24	70
250	10	450	651	859	400	350	12	23	27	125
250	16	450	651	859	400	355	12	28	27	125
300	10	500	723	956	455	400	12	23	27	170
300	16	500	723	956	455	410	12	28	27	170





**Socket type Soft Sealing
Gate valve
For PVC pipes with clamps**



**Socket type Soft Sealing
Gate valve
For PVC pipes**



**Socket type Soft Sealing
Gate valve
For Casted pipes**



AB VALVES' PRODUCTS

Butterfly Valves Flange Type (BVF)
Butterfly Valves Wafer Type (BVW)
Butterfly Valves Wafer Type for Sea Water (BVS)
Gate Valves (GV)
Valves for Special Applications
Air Valves (AV)
Hydrants (HT)
Automatic Control Valves (RV)
Non-Return Valves (NV)
Strainers (STR)
Accessories
Actuators



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