



MV-100

RESILIENT SEATED GATE VALVE

Production Standards

Size Range	DN50 - DN800
Pressure Range	PN10 - PN16
Design	EN 1171/ EN1074
Connection	EN 1092-2 ISO 7005 Flanged
Face to Face	EN 558 Series 14 / DIN 3202 F4
Marking	EN 19
Tests	EN 12266-1
Coating	Electrostatic/ThermoPlastic Powder Epoxy
Temperature	+130 °C (EPDM)

100



Product Description

Resilient-Seated Gate Valve with bolted cover connection and face-to-face length of Basic Series 14 for water applications. Proven Design to ensure zero leakage and long service life.

Application Areas

- Hot and Cold Water Systems
- Waste water
- Water treatment
- Pumping stations
- Industry

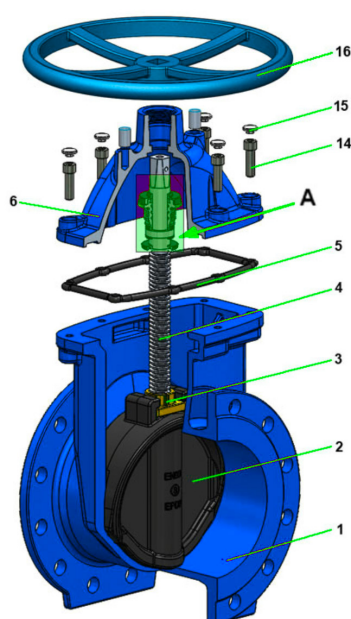
Accessories

- Handwheel
- Operation Cap
- Gearbox
- Electrical Actuator
- Extension spindle



Product Features

- EPDM covered wedge guarantees %100 tight sealing
- Full bore provides low head loss and enables use of pipe cleaning devices
- Rolled threads increase the stem's durability
- Low operating torques ensure easy operation
- Wedge stop protects seals and coating
- Suitable for vacuum conditions
- Maintenance-free and corrosion-resistant multi stem O-rings ensures higher durability
- Full coating on the body and disc internally & externally with an average of 250 microns. Higher coating thicknesses are available when required.
- WRAS approved coating available upon request which meets hygienic requirements for potable water applications.

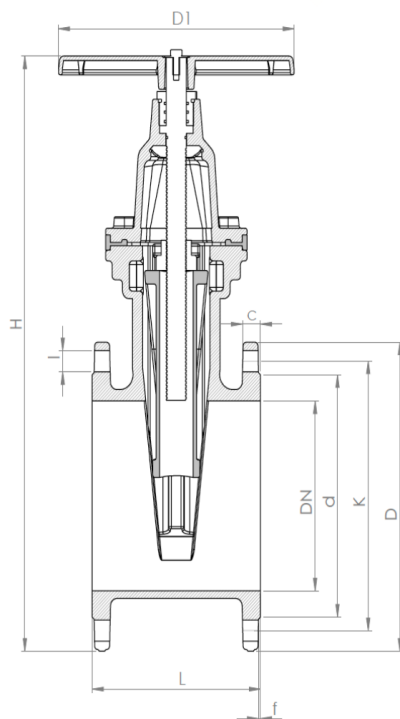


No	Part	Material
1	Body	Ductile Iron
2	Wedge	EPDM coated ductile iron
3	Stem Nut	Brass
4	Stem	Stainless steel 420
5	Joint	EPDM
6	Bonnet	Ductile Iron
7	Joint	EPDM
8	Bearing	PTFE

No	Part	Material
9	O ring	EPDM
10	O ring	EPDM
11	Stem Gasket	EPDM
12	Dust Protection	NBR
13	Nut	Brass
14	Screw	Stainless steel 304
15	Wax Plug	
16	Handwheel	Ductile Iron



Technical Data



PN10									
DN	f	D	K	d	C	I*n	L	H	D1
50	3	165	125	99	19	19*4	150	300	180
65	3	185	145	118	19	19*4	170	340	180
80	3	200	160	132	19	19*8	180	380	180
100	3	220	180	156	19	19*8	190	420	220
125	3	250	210	184	19	19*8	200	480	220
150	3	285	240	211	19	23*8	210	550	250
200	3	340	295	266	20	23*8	230	640	250
250	3	405	350	319	22	23*12	250	780	350
300	4	460	400	370	24,5	23*12	270	850	350
350	4	505	460	429	24,5	23*16	290	910	400
400	4	565	515	480	24,5	28*16	310	960	400
450	4	640	565	530	26,5	28*20	330	1010	500
500	4	670	620	582	26,5	28*20	350	1120	500
600	5	780	725	682	30	31*20	390	1200	600

PN16									
DN	f	D	K	d	C	I*n	L	H	D1
50	3	165	125	99	19	19*4	150	300	180
65	3	185	145	118	19	19*4	170	340	180
80	3	200	160	132	19	19*8	180	380	180
100	3	220	180	156	19	19*8	190	420	220
125	3	250	210	184	19	19*8	200	480	220
150	3	285	240	211	19	23*8	210	550	250
200	3	340	295	266	20	23*12	230	640	250
250	3	405	355	319	22	28*12	250	780	350
300	4	460	410	370	24,5	28*12	270	850	350
350	4	520	470	429	26,5	28*16	290	910	400
400	4	580	525	480	28	31*16	310	960	400
450	4	640	585	548	30	31*20	330	1010	500
500	4	615	650	609	31,5	34*20	350	1120	500
600	5	840	770	720	36	37*20	390	1200	600