

MGVR16

RESILIENT GATE VALVE (NON-RISING STEM)

MATE

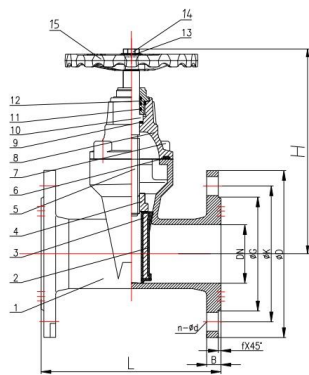
Technical Specifications

Specification	Description
Nominal Pressure	16bar
Shell Test Pressure	24bar
Seal Test Pressure	17.6bar
Working Temperature	-20 °C ≤ T ≤ 80 °C
Working Medium	Water
Design Conforms to	BS 5163
Flange Standard	EN 1092-2 PN16



Materials

No.	Part	Material
1	Body	Ductile Iron
2	Disc	Ductile Iron + EPDM
3	Wedge Disc	Ductile Iron
4	Disc Nut	Brass
5	Stem	SS420
6	Gasket	EPDM
7	Bolt	Galvanized Steel
8	Bonnet	Ductile Iron
9	Gasket	PTFE
10	Holding Ring	SS420
11	O-Ring	NBR
12	Brass Nut	Brass
13	Gasket	Stainless Steel
14	Screw	Stainless Steel
15	Handwheel	Ductile Iron



Dimensions (mm)

DN	L	D	K	G	B	n-ød	f	H
50	178	165	125	100	19	4-ø19	3	240
65	190	185	145	120	19	4-ø19	3	259
80	203	200	160	135	19	4-ø19	3	295
100	229	220	180	156	19	8-ø19	3	327
125	254	250	210	186	19	8-ø19	3	388
150	267	285	240	212	19	8-ø23	3	431
200	292	340	295	268	20	12-ø23	3	527
250	330	405	355	318	22	12-ø28	3	609
300	356	460	410	373	24.5	12-ø28	3	698