



MACNEIL STEEL AND VALVES (PTY) LTD



MSV-RSV-664 RESILIENT SEAL GATE VALVE PN16



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1575 Staal Rd, Knights,
Germiston, Gauteng, SA



MSV-RSV-664 – RESILIENT SEAL GATE VALVE PN16

SPECIFICATIONS:

- SABS 664
- DUCTILE IRON BODY
- EPOXY COATED INSIDE AND OUT
- PN16
- NON RISING SPINDLE (RISING SPINDLE AVAILABLE ON REQUEST)
- EPDM RUBBER ENCAPSULATED DISC
- FLANGED
- HANDWHEEL OPERATED
- CLOCKWISE CLOSING

Nominal Diameter	Main Dimensions (mm)								
	Size (mm)	DN	L	H	Weight (Kg)	Ø1	Ø2	n x Ø	Ø3
						BS4504 PN16			
50	50	216	255	10	165	125	4 – 19	102	
65	65	229	280		185	145	4 – 19	122	
80	80	229	300	15.2	200	160	8 – 19	138	
100	100	254	344	23	220	180	8 – 19	158	
125	125	267	410		250	210	8 – 19	188	
150	150	280	441	35	285	240	8 – 23	212	
200	200	317	529	57.1	340	295	12 – 23	268	
250	250	356	614	95	405	355	12 – 28	320	
300	300	380	700	121	460	410	12 – 28	378	
350	350	470	880		520	470	16 – 28	438	
400	400	470	998		580	525	16 – 31	490	
450	450	485	1080		615	585	20 – 26	640	
500	500	510			715	650	20 – 34	609	
600	600	600			840	770	20 – 37	720	

NO	PART NAME	MATERIAL
1	Body	GGG50 Ductile Iron
2	Seat	EPDM
3	Shaft	SS410
4	Disc	GGG50 Ductile Iron
5	Wedge Nut	Brass
6	Bonnet	GGG50 Ductile Iron
7	O-Ring	EPDM
8	Thread Washer	Brass
9	Sealing Ring	EPDM
10	Socket head Screw	Stainless Steel
11	Dustproof Ring	EPDM
12	Hand Wheel	GGG Ductile Iron
13	Stem Nut	Stainless Steel

PERFORMANCE STANDARDS	
Nominal Pressure (MPa)	1.6
Testing Pressure (MPa)	Body 2.4 Seal 1.76
Working Pressure (MPa)	1.6
Suitable Temperature	+/-100 °C
Suitable Medium	Raw Sewage / Water

