

Gate valves

BS5163 Resilient Seated NRS Flanged ends Ductile Iron PN10/PN16

REEP brand RGV001 model BS5163 resilient gate valve, pressure rating PN 10/16, bolted bonnet, non-rising stem, Face to Face according to EN 558-1, 13 series (BS5163). All ferrous parts are fusion bonded epoxy coated internally and externally. Use of EPDM rubber on the wedge guarantees complete seal tightness and the seats are insensitive to impurities in the installation. The use of O-ring and Dust gland as stem seal guarantee a low-maintenance and long service life. WRAS and NSF certified coating & rubber are available upon request.

Material Specification

Component	Material	EN and/or (BS)	
Body and bonnet	DI	500-7	
Wedge	DI	500-7	
Rubber	EPDM		
Bonnet gasket	EPDM		
O-ring	EPDM		
Handwheel/Cap nut	DI		
Stem	St.St	420S37	

Pressure and temperature range

Size	water	
DN40 thru DN 600	16 bar – 120 °C	

Ordering information

Ordering code	DN [mm]	Pressure rating	Flange drilling	Type
RGV001A	40 - 600	PN 10/16	PN 10/16	HW OP
RGV001B	40 - 600	PN 10/16	PN 10/16	CAP OP
RGV001C	40 - 600	PN 10/16	PN 10/16	HW WITH POSITION INDICATOR OP
RGV001D	40 - 600	PN 10/16	PN 10/16	MOUNTING INPUT FLANGE OP
RGV001X	SPECIFIC CUSTOM MADE			

REEP



• Fig. RGV001

- DN 40 - 600
- Pressure rating PN 10 - 16
- Max. 120 °C
- Face To Face EN 558-1, 13 (BS5163)
- Non-rising Stem
- Custom made available

Dimensions

DN	PN	L	H	W	Weight
[mm]			[mm]		[kg]
40	16	165	198	160	10
50	16	178	211	160	12
65	16	190	237	200	15
80	16	203	273	200	19
100	16	229	304	200	24
125	16	254	364	250	32
150	16	267	404	250	34
200	16	292	497	320	63
250	16	330	590	370	95
300	16	356	667	370	135
350	16	381	762	450	216
400	16	406	836	450	282
450	16	432	957	640	414
500	16	457	1036	640	498
600	16	508	1188	640	690

