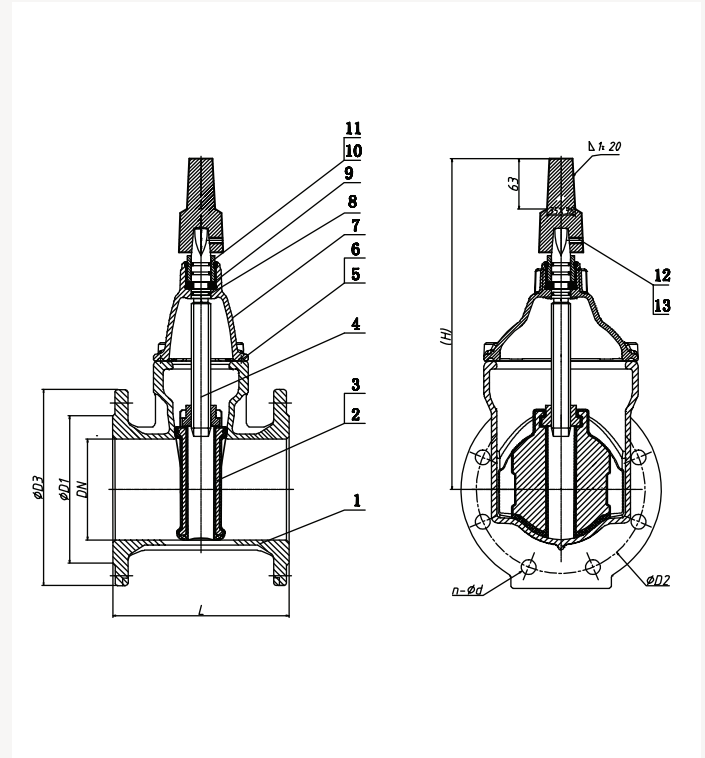


RVCX Resilient Seated Gate Valve PN16 flanged



Material specification

RVCX Resilient Seated Gate Valve 2" to 12"

No	Component	Material
1	Body	Ductile iron GGG40
2	Wedge	Ductile iron GGG40 core fully encapsulated with EPDM rubber
3	Stem nut	Brass CZ132
4	Stem	316L stainless steel
5	Bonnet bolt	316 stainless steel
6	Bonnet gasket	EPDM rubber
7	Bonnet	Ductile iron GGG50
8	O-ring	Rubber NBR
9	Thrust collar	Brass CZ132
10	Gate bearing	Brass CW614
11	O-ring	Rubber NBR
12	Cap	Ductile iron GGG50
13	Bolt	316 stainless steel

Applicable standards:

- Flanges comply with EN 1092-2.
- Valves comply with BS 5163.
- Face to face dimensions to EN 558-1 basic series 3.
- Pressure test complies with EN 12266-2003.

Technical data:

- Size: DN 50 - DN 300 (2" - 12").
- Nominal pressure: PN16.
- Temperature range: 0 °C to 80 °C.
- Suitable for water and neutral liquids.

Features and benefits:

- WRAS approved for potable water applications.
- Available in sizes 2" - 12".
- Suitable for water and neutral liquids.
- Ductile iron wedge encapsulated with vulcanised EPDM rubber for corrosion resistance.
- Unique plastic guide rail in gate reduces friction and torque required to open / close valve.
- Manufactured from high quality ductile iron.
- Designed with 3 O-ring stem seal for zero leakage.

- Electrostatically coated with corrosion resistant epoxy powder internally and externally.
- Designed and manufactured in accordance with BS 5163.
- Designed with a non-rising stem to save installation space.
- Available with a stem cap for buried application.
- T-Key operated.

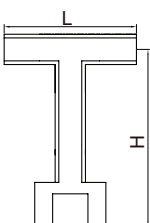
RVCX Resilient Seated Gate Valve

Order code option 1	Order code option 2	Size	DN	L mm	H mm	D1 mm	D2 mm	D3 mm	n-Ød mm	Weight (kg)
G0050CFDBT03DO	G0050CFDBT03DU	2"	50	178	325	99	125	165	4-19	8.6
G0065CFDBT03DO	G0065CFDBT03DU	2.1/2"	65	190	360	118	145	185	4-19	11.5
G0080CFDBT03DO	G0080CFDBT03DU	3"	80	203	390	132	160	200	8-19	14
G0100CFDBT03DO	G0100CFDBT03DU	4"	100	229	430	156	180	220	8-19	18.3
G0125CFDBT03DO	G0125CFDBT03DU	5"	125	254	460	184	210	250	8-19	22
G0150CFDBT03DO	G0150CFDBT03DU	6"	150	267	540	211	240	285	8-23	30
G0200CFDBT03DO	G0200CFDBT03DU	8"	200	292	600	266	295	340	12-23	46.5
G0250CFDBT03DO	G0250CFDBT03DU	10"	250	330	740	319	355	405	12-28	78
G0300CFDBT03DO	G0300CFDBT03DU	12"	300	356	800	370	410	460	12-28	110.5

Option 1: RVCX - standard product **Option 2:** RVCX - version for UAE

Tested torque values at nominal pressure and test pressure of 1.1 X nominal pressure

Nominal diameter	Nominal pressure	Test pressure (1.1 X nominal pressure)
	Torque Nm	Torque Nm
DN 50	50	50
65	60	60
80	75	75
100	100	100
125	125	125
150	150	150
200	200	200
250	250	250
300	300	300



T-key operated:

The T-key's are designed according to BS 5163. To avoid damaging a valve by applying excessive torque when using a T-key please check the dimensions (length and height) are in line with those listed in the table below.

Nominal diameter	DN50 DN200	DN250 DN600
T-key lever length L	≤ 300mm	≤ 550mm
T-key lever height H	≤ 1000mm	≤ 1000mm

T-key lever