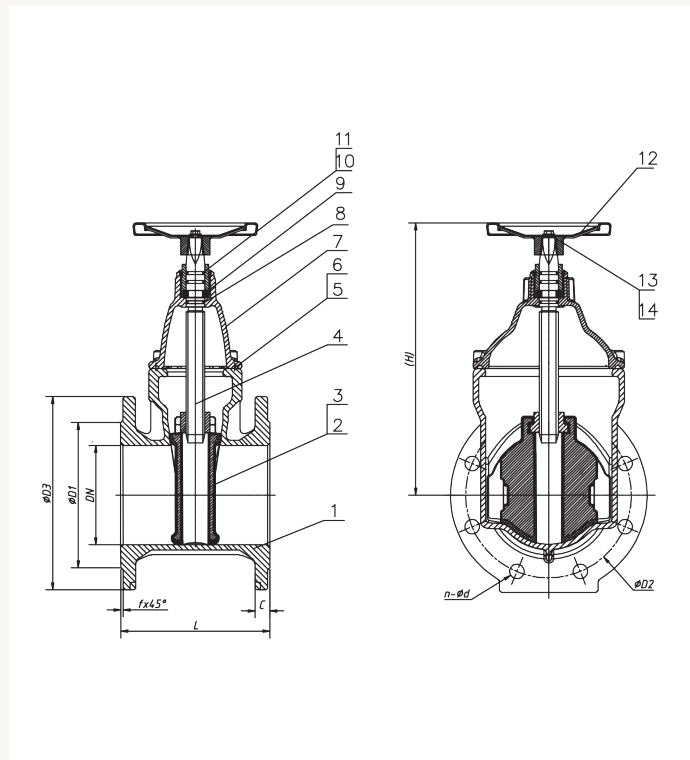


RVHX F4 Resilient Seated Gate Valves PN16 flanged



Material specification

RVHX F4 Resilient Seated Gate Valves 2" to 12"

No	Component	Material
1	Body	Cast iron GGG40
2	Wedge	Cast iron GGG40, core fully encapsulated with EPDM rubber
3	Stem nut	Brass CW614
4	Stem	420 stainless steel
5	Bonnet bolt	Zinc coated steel 8.8 sealed with hot melt
7	Bonnet	Cast iron GGG40
6	Bonnet sealing	Rubber EPDM
8	O-ring	Rubber EPDM
9	Thrust collar	Brass CW614
10	Gate bearing	Brass CW614
11	O-ring	Rubber EPDM
12	Handwheel	Steel plate punched
13	Bolt	Zinc coated steel 8.8 sealed with hot melt
14	Washer	Zinc coated steel sealed with hot melt

Notes: The valve will be operated by a handwheel, the standard direction of opening is counter-clockwise as viewed from the top of the valve.

Applicable standards:

- Flanges comply with EN 1092-2.
- Valves comply with DIN 3352-4.
- Face to face dimensions to DIN 3202 F4.
- Pressure test complies with EN 12266.

Technical data:

- Size: D N50 - 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.
- Unique plastic guide rail in gate reduces friction and torque required to open / close valve.
- Manufactured from high quality ductile iron.
- Designed with three O-ring seals for zero leakage.
- Ductile iron wedge encapsulated with vulcanised EPDM rubber for corrosion resistance.
- Electrostatically coated with corrosion resistant epoxy powder internally and externally.
- Designed and manufactured in accordance with DIN 3352-4.
- Designed with a non-rising stem to save installation space.
- Handwheel operated.

RVHX F4 Resilient Seated Gate Valves

Order code	Size	DN	L mm	H mm	D1 mm	D2 mm	D3 mm	f mm	C mm	n-Ød mm	Weight (kg)
G0050CFD4H14DO	2"	50	178	220	99	125	165	3	19	4-19	7.6
G0065CFD4H14DO	2 1/2"	65	190	240	118	145	185	3	19	4-19	10.5
G0080CFD4H14DO	3"	80	203	290	132	160	200	3	19	8-19	13
G0100CFD4H14DO	4"	100	229	330	156	180	220	3	19	8-19	17.3
G0125CFD4H14DO	5"	125	254	375	184	210	250	3	19	8-19	21
G0150CFD4H14DO	6"	150	267	420	211	240	285	3	19	8-23	29
G0200CFD4H14DO	8"	200	292	500	266	295	340	3	20	12-23	45.5
G0250CFD4H14DO	10"	250	330	610	319	355	405	3	22	12-28	75.4
G0300CFD4H14DO	12"	300	356	720	370	410	460	4	24.5	12-28	106

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)
DN	Torque Nm	Torque Nm
50	50	40
65	60	50
80	75	60
100	100	80
125	125	100
150	150	120
200	200	160
250	250	200
300	300	240

Note: The torque required to operate the valve at the test pressure is less than that at nominal pressure thus ensuring that the valve is easy to operate.