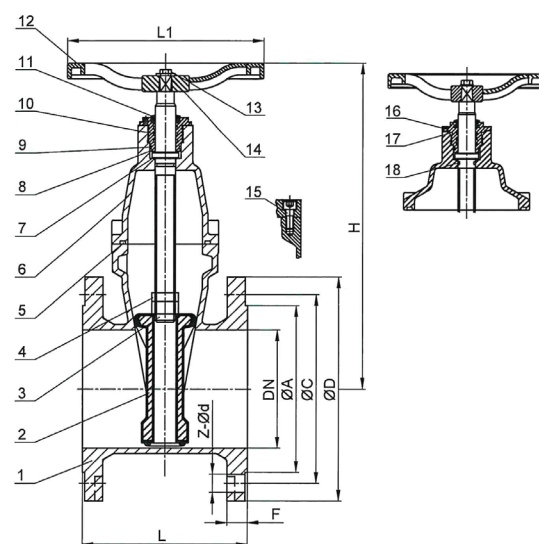


RVHX Resilient Seated Gate Valve PN16 flanged



Drawing details representative of DN 50 to DN 300 valve construction. For details of valve construction for DN350 to DN 600 please contact your local Conex Bänninger representative.

Material specification

RVHX Resilient Seated Gate Valve Flanged 2" to 24"

No	Component	Material
1	Body	Ductile iron
2	Wedge	Ductile iron + epdm
3	Stem	Stainless steel 2cr13
4	Stem nut	Manganese brass hmn58-2
5	Sealing ring	Epdm
6	Bonnet	Ductile iron
7	Gasket	Red brass c83600
8	Gland	Manganese brass hmn58-2
9	O-ring	Epdm
10	O-ring	Epdm
11	Dust ring	Epdm
12	Handwheel	Ductile iron
13	Bolt	Stainless steel ss304
14	Washer	Stainless steel ss304
15	Screw	High tensile steel 8.8
16	Screw	Stainless steel ss304
17	O-ring	Epdm
18	O-ring	Epdm

Material details representative of DN 50 to DN 300 valve construction for details of valve construction. For DN 350 to DN 600 please contact your local Conex Bänninger representative.

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 600 (2" - 24").
- Nominal pressure: PN16.
- Shell test pressure: 24 bar.
- Seat test pressure: 17.6 bar.
- Temperature range: -5 °C to 85 °C.
- Suitable for water and neutral liquids.

Features and benefits:

- Available in sizes 2" - 24".
- Suitable for water and neutral liquids.
- Manufactured from high quality ductile iron.
- Ductile iron wedge encapsulated with vulcanised EPDM rubber for corrosion resistance.
- Electrostatically coated with corrosion resistant epoxy powder internally and externally. Minimum coating thickness 250 microns.
- Designed and manufactured in accordance with BS 5163.
- Handwheel operated.
- Designed with a non-rising stem to save installation space.

RVHX Resilient Seated Gate Valve Flanged 2" to 24"

EN 1092-2 PN16										
Order Code	Size	DN	ØA	ØC	ØD	Z-Ød	F	L	L1	H
G0050CFDBH03DO	2"	50	99	125	165	4-Ø19	19	178	160	213
G0065CFDBH03DO	2 1/2"	65	118	145	185	4-Ø19	19	191	160	230
G0080CFDBH03DO	3"	80	132	160	200	8-Ø19	19	203	200	276
G0100CFDBH03DO	4"	100	156	180	220	8-Ø19	19	229	200	311
G0125CFDBH03DO	5"	125	184	210	250	8-Ø19	19	254	250	364
G0150CFDBH03DO	6"	150	211	240	285	8-Ø23	20	267	250	413
G0200CFDBH03DO	8"	200	266	295	340	12-Ø23	21	292	280	503
G0250CFDBH03DO	10"	250	319	355	405	12-Ø28	22	330	370	615
G0300CFDBH03DO	12"	300	370	410	460	12-Ø28	26.5	356	370	683
G0350CFDBH03DO	14"	350	429	470	520	16-Ø28	27	381	450	817
G0400CFDBH03DO	16"	400	480	525	580	16-Ø31	36.6	406	450	898
G0450CFDBH03DO	18"	450	548	585	640	20-Ø32	30	432	558	1009
G0500CFDBH03DO	20"	500	609	650	715	20-Ø34	34	457	610	1102
G0600CFDBH03DO	24"	600	720	770	840	20-Ø37	38	508	762	1283

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.