

GATE VALVE WITH PE-PIPES PN16

MATERIAL DESIGN AND TESTING TO AS 2638.2



DN 50-65

DESCRIPTION/APPLICATION

- For water, sewage and neutral liquid applications

TECHNICAL DATA

Size Range DN 80 - DN 100

Allowable Operating Pressures
DN 50 - DN 65-1600 kPa

- Valve designed for use up to 70oC
- Where applicable; for AS 4020 compliance, max temp = 40oC
- PE-pipe material to max. 20oC

Note: Always observe pipe material recommended operating temperatures.

Material design and testing to AS 2638.2, reduced weight and environmentally friendly

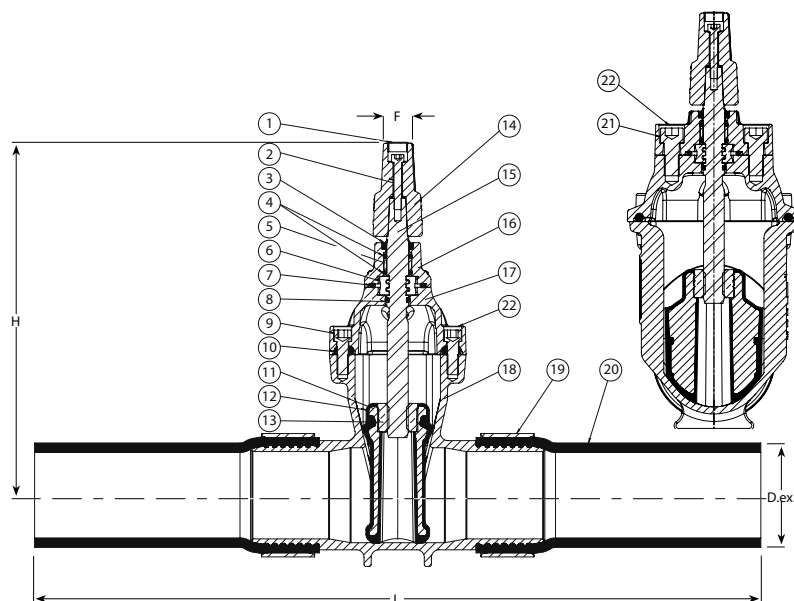
For fusion welded installation in PE water pipes to AS/NZ 4130

Certifications

Quality: ISO 9001
Health & Safety: AS 4801
Environment: ISO 14001

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COMPONENT LIST

No	Description Material / Standard
1	Insert Ductile Iron Gr. 500-7 AS 1831
2	Bolt Grade 8.8 Sealed with hot melt
3	Wiper ring NBR
4	O-ring NBR
5	Bushing Polyamid
6	Thrust collar Dezincification resistant brass CZ 132 AS 2345
7	O-ring NBR
8	O-ring NBR
9	Bonnet bolt Grade 8.8 Sealed with hot melt

No	Description Material / Standard
10	Bonnet gasket EPDM rubber
11	Wedge Ductile Iron Gr. 500-7 AS 1831
12	Wedge rubber EPDM rubber
13	Wedge nut Dezincification resistant brass CZ 132 AS 2345
14	Stem cap Ductile Iron Gr. 400-12 AS 1831
15	Stem Stainless Steel Gr. 431
16	Gland flange Ductile Iron Gr. 500-7 AS 1831
17	Bonnet Ductile Iron Gr. 500-7 AS 1831

No	Description Material / Standard
18	Body, socket Ductile Iron AS 1831
19	Sleeve Stainless Steel* / Mild steel with Nitto Denko sleeve
20	Pipe PE100-water pipes AS 4130
21	Gland flange bolt Grade 8.8 Sealed with hot melt
22.	Hot melt

TESTS

Valve Hydraulic test to AS 2638.2

Seat: 17.6 bar
Body: 24 bar
Operating torque test

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VIADUX CC CODE	VIADUX ACC CODE	DN mm	PE-pipe OD mm	L mm	H mm	F mm	Weight kg
VRPE06316CC	VRPE06316ACC	50	63	880	213	12	7
VRPE07516CC	VRPE07516ACC	65	75	900	271	17	12