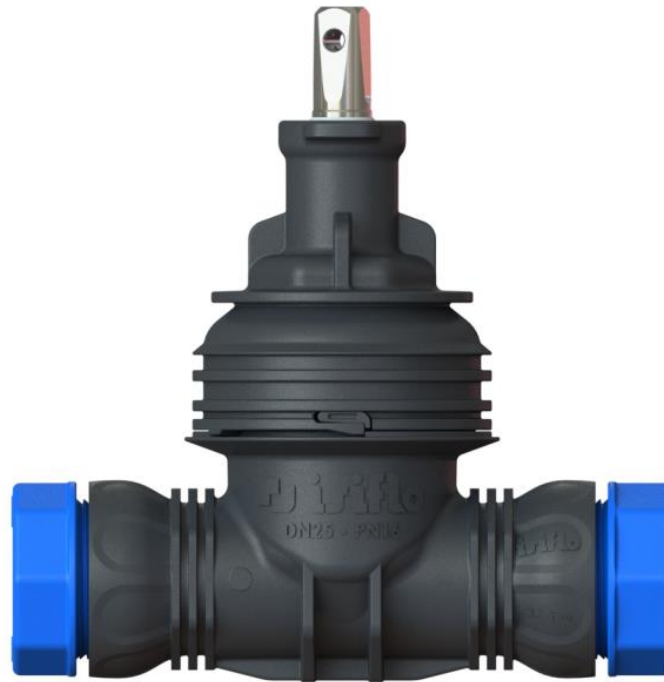


ISIFLO Eco Line T200 Gate Valve – Drinking water



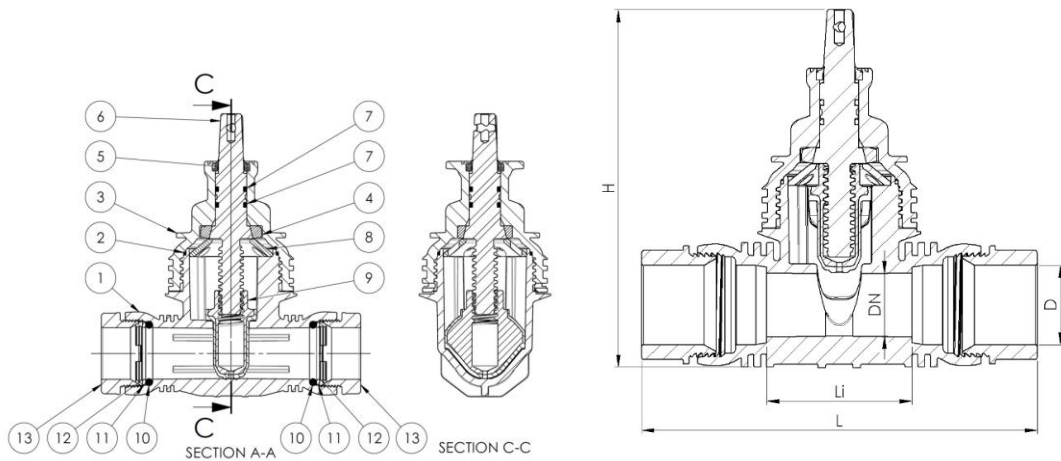
Isiflo Eco Line T200 gate valve for PE-pipes is designed for extreme long service life and reliable function. Wedge coated in vulcanized EPDM rubber, spindle in acid proof steel, wedge in lead free brass and housing in thermoplastic composite material. The Isiflo compression fitting ensures a safe connection to the pipe.

Visit www.isiflo.com for more details.

1. Product Description

Materials	Composite (PA12/GF), POM and EPDM
Dimension	DN20, DN25, DN32
Max working pressure	16 bar
Temperature range	Up to +40°C
Medium	Drinking water (16 bar) and air (10 bar). Other medium; contact Isiflo for details.
Approvals	Kiwa, Sintef Certification PS3612
Design standards	EN1274-1, EN1274-2, NKB13
Functions and features	<ul style="list-style-type: none"> -Spindle in acid proof steel (EN1.4404/AISI316L) -Wedge in lead free brass (CW724) -Housing and nuts in glass fibre reinforced polyamide (PA12/GF65) -Wedge and seals in drinking water approved EPDM rubber -Inner spacer part in drinking water approved POM -Double O-rings and scraper on spindle -Low torque needed for operation -Max operating torque 100 Nm -Bayonet T-top fits most commonly used spindle extensions -Several Isiflo adapters available (reducer, treaded fem/male) -Can be buried
Surface treatment	None
Color	Black/Blue
Eco Line adapters	Adapters with conical male pipe treads and cylindrical female pipe treads.
Pipes	PELD, PEHD in compliance with EN-12201. PVC in compliance with EN-1452. PEX in compliance with BRL-K17301.
Other information	Can be used on PVC-pipes. Can also be used on PEX-pipes and SDR17 pipes in combination with Isiflo Support Liner
Accessories	Isiflo telescopic spindle extension, Isiflo adapters, Isiflo street cover, Isiflo tapping saddle

2. General information



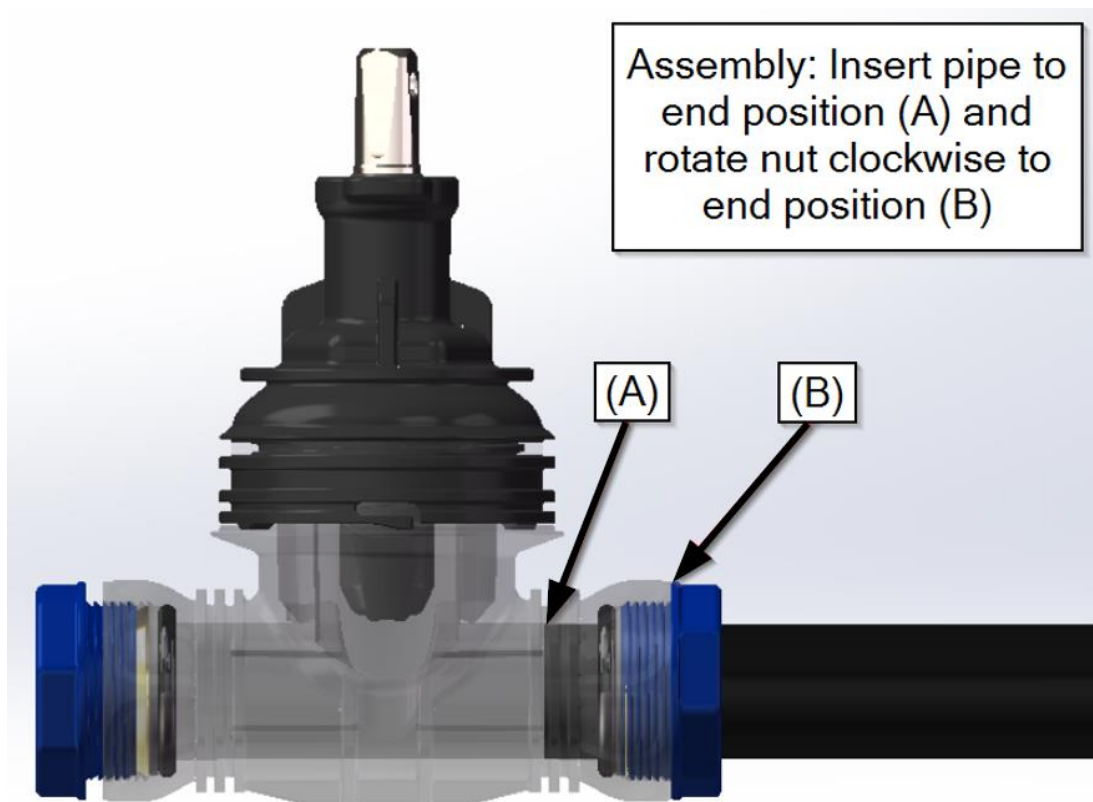
Component list:

1. Main housing (PA12/GF65)
2. O-ring (EPDM)
3. Upper housing (PA12/GF65)
4. Scraper (PUR)
5. Brake nut (brass CW724)
6. Spindle (AISI 316L)
7. O-ring (EPDM)
8. Spacer (POM)
9. Wedge coated with vulcanized EPDM rubber (brass CW724)
10. O-ring (EPDM)
11. Compression ring (PAA/GF50)
12. Clamp ring (brass)
13. Nut (PA12/GF65)

Isiflo nr.	DN [mm]	D [mm]	PN-class [bar]	L [mm]	Li [mm]	H [mm]	Weight [kg]
8212003	20	25	16	186	102,5*	180	0,927
8212004	25	32	16	175	73,4	180	0,892
8212005	32	40	16	204	75	185	1,023

*Distance greater because reducer T135 32-25 mm (3081354) used on both ends on DN25 gate valve to create DN20.

3. Assembly instruction



4. Description of use and Maintenance

Cleaning

Can be cleaned with mild soap water. Use a clean and damp cloth.

Inspection and control

Check for leakage.

Maintenance instruction and intervals

The gate valve should be operated minimum once per year to ensure function.

5. Operation Technical Information

Estimated technical lifetime without replacements: 50 years.
Warranty and conditions: 20 years against fabrication errors.
Moisture resistance: Not affected by moisture.
Easiness of cleaning: Good.
Other information: Metal: To be separated and recycled as metal POM and O-rings: Handled as general waste Composite: Handled as general waste
Product details and instructions for use: www.isiflo.com

6. Contact

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