ISO 9001 : 2015
BUREAU VERITAS
Certification

REF. 2509

WATER SUPPLY SELF LOCKING FLANGE ADAPTOR WIDE TOLERANCE DUCTILE IRON PN10/16

Self locking wide tolerance water supply flange adaptor ductile iron PN10/16 for water supply, drinking water, watering and distribution networks.
With cast steel locking ring.
Direct mounting on pipe without dismantling the fitting.
Wide range type allowing adaptation over a wide range of diameters with a single fitting.
French water agreement ACS for drinking water.

Size :	DN50 to DN300
Connection :	Flange PN10/16
Min Temperature :	+0°C
Max Temperature :	+60°C
Max Pressure :	16 Bars up to DN200, 10 bars over
Specifications :	Ductile iron body Direct mounting on the pipe With cast steel locking ring EPDM gasket
Materials :	Ductile iron EN GJS-500-7

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SPECIFICATIONS :

- Ductile iron body
- EPDM gasket
- With mechanical locking ring to avoid axial movement of the pipe
- Anti-corrosion Geomet 500 grade B coated bolting
- Epoxy painting blue color RAL 5015, 250µ thickness

USE:

- Water supply and distribution networks
- Suitable for rigid pipes, such as cast iron, carbon steel, PVC, PE-HD, asbestos cement
- Min and max Temperature Ts : + 0°C to + 60°C
- Max Pressure Ps : 16 bars up to DN200, 10 bars over

RANGE :

- Flange adaptor with locking ring flanged PN10/16 **Ref.2509** from DN 50-D.46-70 to DN 300-D.315-350

According to the DN, the flange could have a different shape :

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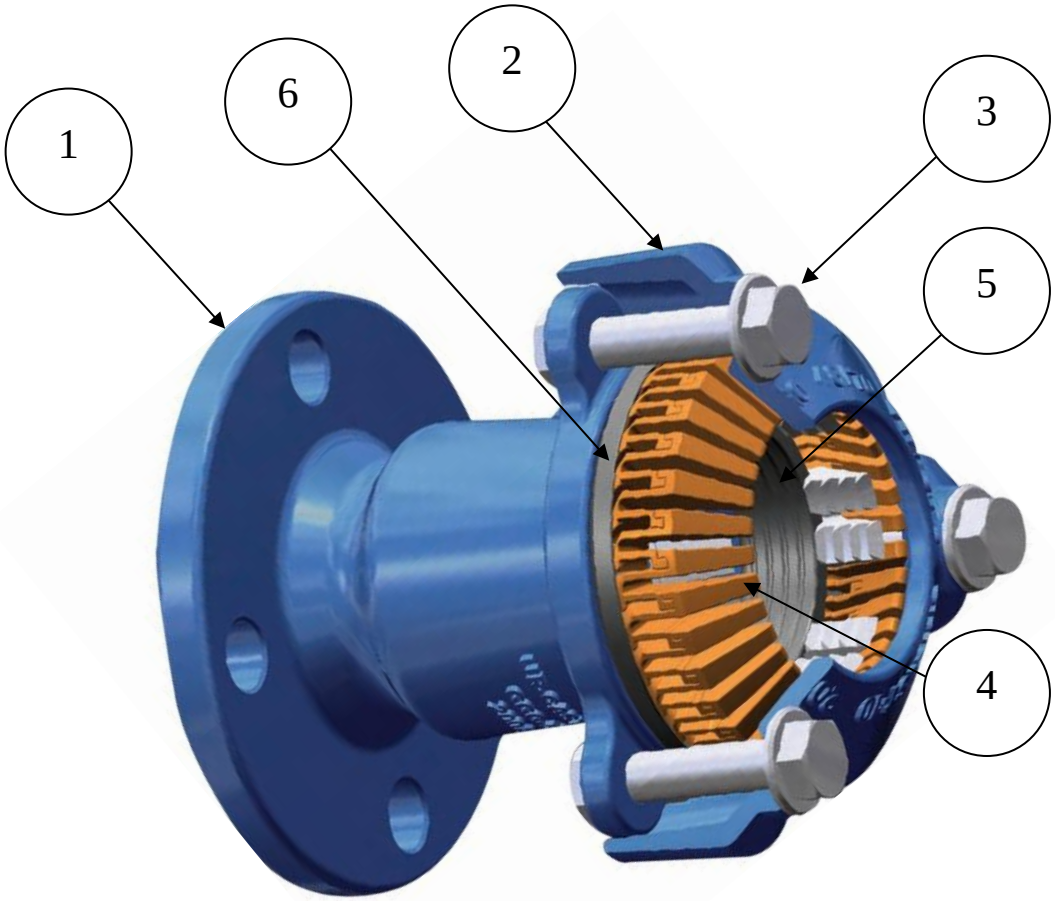
MATERIALS :



Item	Designation	Materials
1	Body	Ductile iron EN GJS-500-7
2	Flange	
3	Bolting	Carbon steel F114 6.8 Geomet coated
4	Locking ring	Carbon steel F114 bichromated
5	Gasket	EPDM
6	Ring	POM

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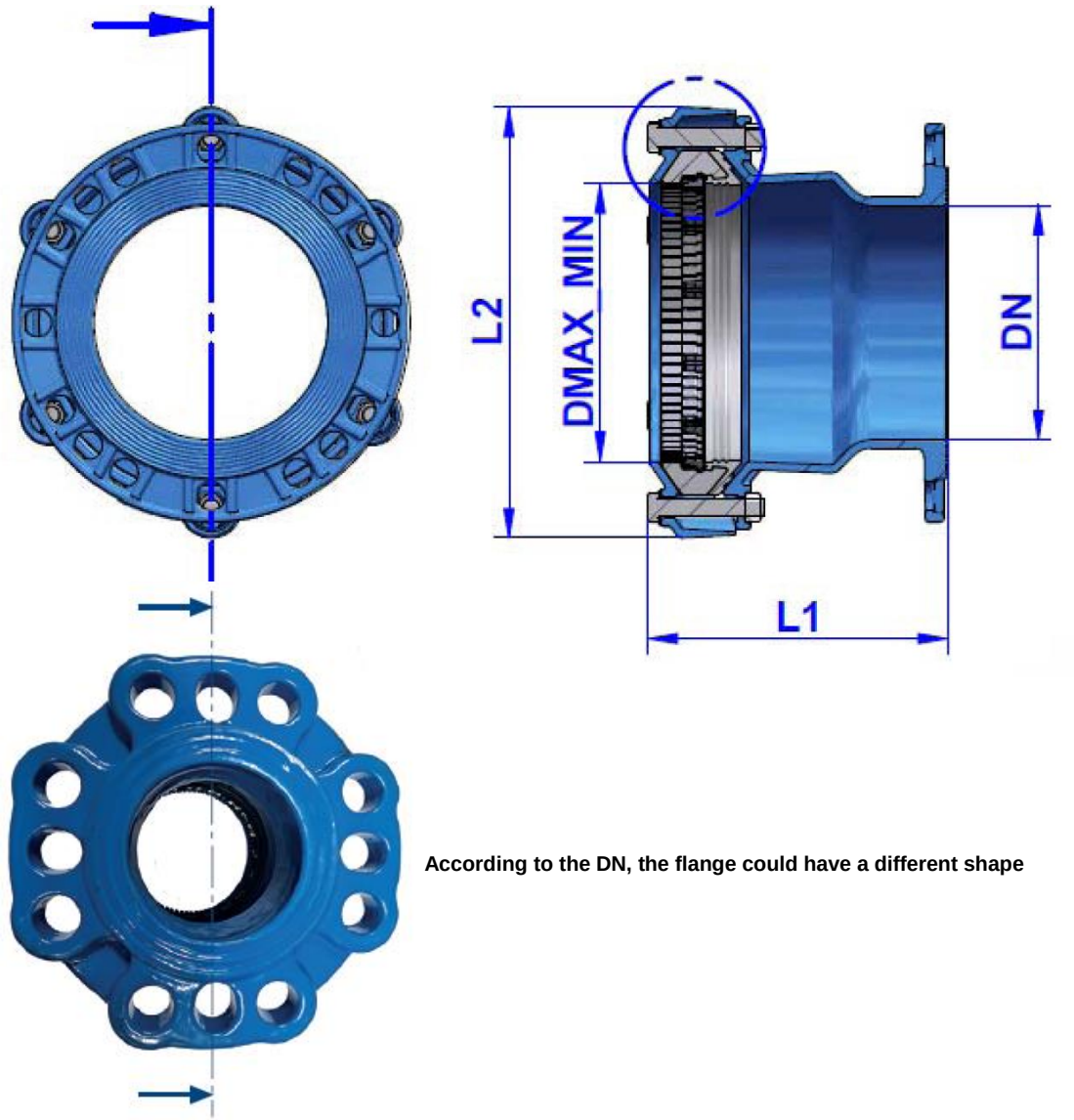
SIZE (in mm) :



According to the DN, the flange could have a different shape

DN	50	60-65	80	100	125	150	200	250	300
Ø Di min	46	70	88	108	133	159	200	250	315
Ø Di max	70	95	123	143	168	194	235	285	350
L1	170	195	215	225	225	225	245	265	275
L2	187	212	240	260	285	311	370	420	485
Weight (Kg)	5.5	6.8	9.46	11.12	13.28	15.08	23.54	28.6	39.38
Ref.	2509050	2509065	2509080	2509100	2509125	2509150	2509200	2509250	2509300

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STANDARDS :

- Manufacturer certified ISO 9001 : 2015
- Directive 2014/68/EU : Products excluded from directive (Article 1, § 2.b)
- Tests according to EN12266-1
- Flanges according to EN 1092-2 PN10-16
- French water agreement **A.C.S. N° 19 ACC LY 211**
- EPDM gasket according to EN 681-1, BS 6920
- Bolting according to DIN 931, DIN 934 and DIN 125
- Body and flange according to EN 1514, EN 1563, BS 6920

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WATER SUPPLY SELF LOCKING FLANGE ADAPTOR WIDE TOLERANCE DUCTILE IRON PN10/16

ASSEMBLY INSTRUCTIONS :

GENERAL RULES:

- Make sure that the connectors are appropriate for the actual service conditions (type of fluid, pressure, temperature).

ASSEMBLY INSTRUCTIONS:

- Check that the outer diameter of the pipe matches the accepted diameter for the connector.
- Before assembly, check that the pipe and the connector are clean.
- Cut the pipe perpendicularly to the piping axis using an appropriate tool (do not bevel the pipe).
- Remove any possible burrs.
- The piping must be perfectly aligned and its support properly sized so that the connectors are not under any external constraints.
- Provisionally shim sections of piping that still lack their definitive supports. This prevents significant constraints being applied on the connectors.
- Insert the pipe in the connector without dismantling the latter concentrically.
- The connection nuts and bolts must be tightened in a crosswise pattern with the following torque 60 Nm
- The connector thereby joined to the pipe should be connected with the corresponding flange (tap, T, etc.) by ensuring that the DN are the same.
- Maximum admissible angular deviation is 10°
- For the pipes over DN63, please add a metal insert inside the pipe to avoid a deformation and keep a good tightness