

WATER SUPPLY FLANGE ADAPTOR WITH LOCKING RING DUCTILE IRON FOR PVC/PE PIPES

Water supply flange adaptor ductile iron PN10/16 for water supply, drinking water, watering and distribution networks.
With mechanical locking ring to avoid axial movement of the pipe.
Direct mounting on pipe without dismantling the fitting.
French water agreement ACS for drinking water.
EPDM gasket with brass ring with crossing indicator



Size : DN50 to DN400
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
Crossing indicator
EPDM gasket

Materials : Ductile iron EN GJS-500-7

WATER SUPPLY FLANGE ADAPTOR WITH LOCKING RING DUCTILE IRON FOR PVC/PE PIPES**SPECIFICATIONS :**

- Ductile iron body
- EPDM gasket with brass ring with crossing indicator
- Installation on pipe without dismantling the coupling
- With mechanical locking ring to avoid axial movement of the pipe
- Epoxy painting blue color RAL 5017, 250μ thickness

USE:

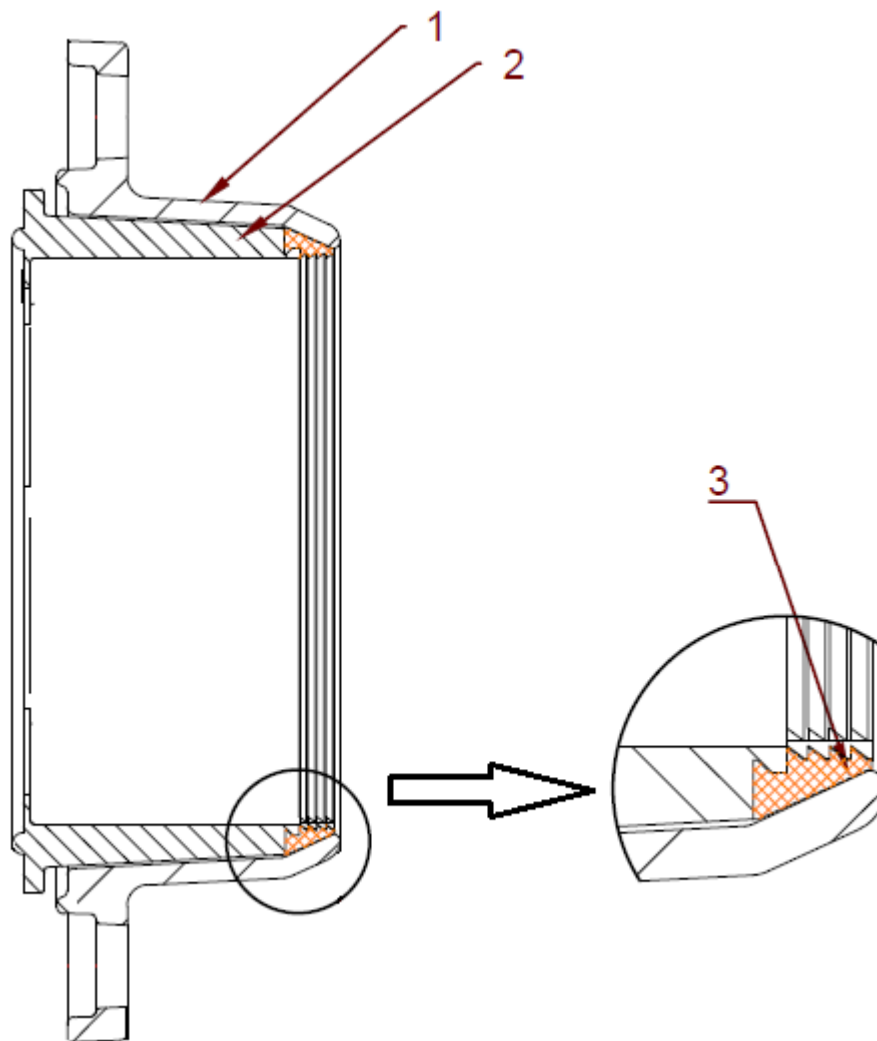
- Water supply and distribution networks
- Suitable for PVC and PE pipes
- Min and max Temperature Ts : + 0°C to + 60°C
- Max Pressure Ps : 16 bars up to DN200, 10 bars over

RANGE :

- Flange adaptor with locking ring for PVC and PE pipes flanged PN10/16 **Ref.2502** from DN 50-D.63 to DN 400-D.400

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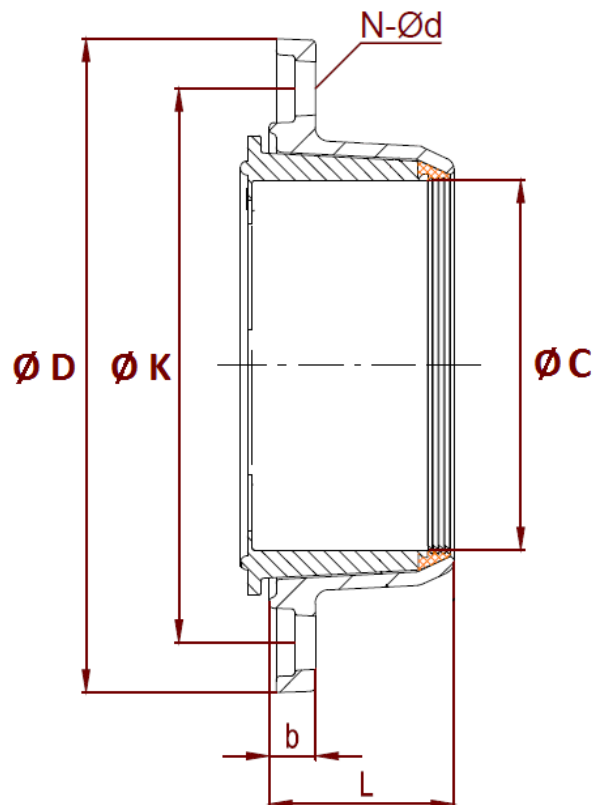
MATERIALS :



Item	Designation	Materials
1	Body	Ductile iron EN GJS-500-7
2	Gasket	EPDM
3	Locking ring	Brass CW614N

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SIZE (in mm) :



DN	Ø Pipe	b	L	Ø C	Ø K	Ø D	Nb x Ø d	Weig. (Kg)	Ref.
50-60-65	63	20	54	65	125/135/145	182	4 x 19	1.7	2502064
60-65	75	22	57	77	135/145	185	4 x 19	2.1	2502075
80	75	20	58	77	160	200	8 x 19	2.4	2502076
80	90	22	65	92	160	200	8 x 19	2.7	2502090
100	110	23	67	112	180	220	8 x 19	3.1	2502110
125	125	23	67	127	210	247	8 x 19	4.4	2502125
125	140	23	73	142	210	247	8 x 19	4.5	2502140
150	160	23	73	162	240	285	8 x 23	5.6	2502160
200	200	25	88	202	295	335	8x23/12x23	6.9	2502200
200	225	23	91	227	295	335	8x23/12x23	7.7	2502225
250	250	23.5	91	252	350/355	400	12x23/12x28	10.2	2502250
300	315	26	108	317	400/410	455	12x23/12x28	14.6	2502315
400	400	30	132	402	515/525	580	16x28/16x31	23.4	2502400

WATER SUPPLY FLANGE ADAPTOR WITH LOCKING RING DUCTILE IRON FOR PVC/PE PIPES**STANDARDS :**

- Manufacturer certified ISO 9001 : 2015
- Directive 2014/68/EU : Products excluded from directive (Article 1, § 2.b)
- Construction according to EN 14525
- Flanges according to EN 1092-2 PN10-16 and ISO 7005-2
- French water agreement **A.C.S. N° 23 ACC LY 452**
- Pressure tests according to ISO 5208
- Fittings for PVC pipe according to NF EN 12842
- Coating according to RoHS 2002/95/CE

ADVICE : Our opinion and our advice are not guaranteed and SFERACO shall not be liable for the consequences of damages.
The customer must check the right choice of the products with the real service conditions.

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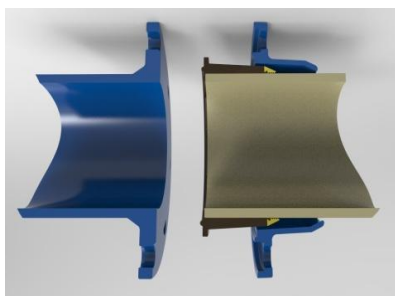
ASSEMBLY INSTRUCTIONS

GENERAL RULES:

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

ASSEMBLY INSTRUCTIONS :

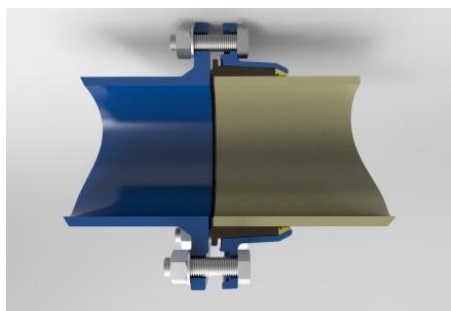
- Check that the outer diameter of the pipe matches the accepted diameter for the connector.
- Before assembly, check that the pipe and the connector are clean.
- Cut the pipe perpendicularly to the piping axis using an appropriate tool (do not bevel the pipe).
- Remove any possible burrs.
- The piping 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.
- Put the pipe slowly inside the flange adaptor, then put outside the gasket and the ring of the body of the flange like below :



Ensure the lips of the rubber gasket is in contact with the pipe as below:



Ensure the gripped brass ring is place behind the rubber gasket. Then draw the flange adaptor body over the rubber gasket & brass ring. Install the counter flange and tighten the bolting in cross :



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ASSEMBLY INSTRUCTIONS (SUITE) :

- 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.
- Tighten the bolting in cross at the following torques :

DN	Ø Pipe	Bolting	Torque (Nm)
DN50	63	M16	43
DN60/65	63	M16	43
DN60/65	75	M16	43
DN80	75	M16	43
DN80	90	M16	43
DN100	110	M16	43
DN125	125	M16	43
DN125	140	M20	86
DN150	160	M20	86
DN200	200	M20	86
DN200	225	M20	86
DN250	250	M24	130
DN300	315	M24	130
DN400	400	M24	130

- Maximum admissible angular deviation is ± 3