

LARGE TOLERANCE MULTIMATERIAL COUPLING FLANGE ADAPTOR WITH GFIX® GRIP SYSTEM and gas sealed DN 50 - 400 PN5

16.401



Product description

- Large tolerance multimaterial coupling flanged adaptor with GFIX® grip system and gas sealed
- Service temperature from - 15°C to 50°C
- Working pressure: 5 bar

Standards

- Designed according to EN 969
- Flange drilling to EN 1092-2 PN10/16

Test according

- EN 969: Positive internal pressure

Corrosion protection

- Epoxy powder coating RAL 5005
- Applied internal and external with a minimum coating thickness of 250 µm
- Fusion bonded epoxy coating according EN 14901-1 and GSK approved

Approvals

- GSK Epoxy Coating Certificate GSK-ID:1247 (RAL-GZ 662)

Features

- Large tolerance multimaterial coupling flanged adaptor with gas sealed
- GFIX® system allows a high-fidelity seal/locking of the assembly without pipe disconnections
- The pipe block is performed by a tempered serrated rivets system mounted on the conical claws that fit and grip causing no damage on the pipe
- Sealing system in NBR, gas approved
- The sealing is carried out through a seal with O-rings, mounted on a ring made by the grip support, which will slide until being pressed against the pipe
- Allows a maximum angle deflection of 4°
- Bolts and washers in stainless steel A2 and nuts in stainless steel A4 with anti-friction coated protection
- Bolts ends protected with plastic caps
- Allow the connection between pipes with several external diameters and different materials (PE, uPVC, ductile iron, steel, asbestos cement, glass fiber pipes and others) to flanged component
- For PE or uPVC pipe applications, should be used an insert in stainless steel (ref.15.400)
- On request possibility of bolts, washers and nuts in stainless steel A4.



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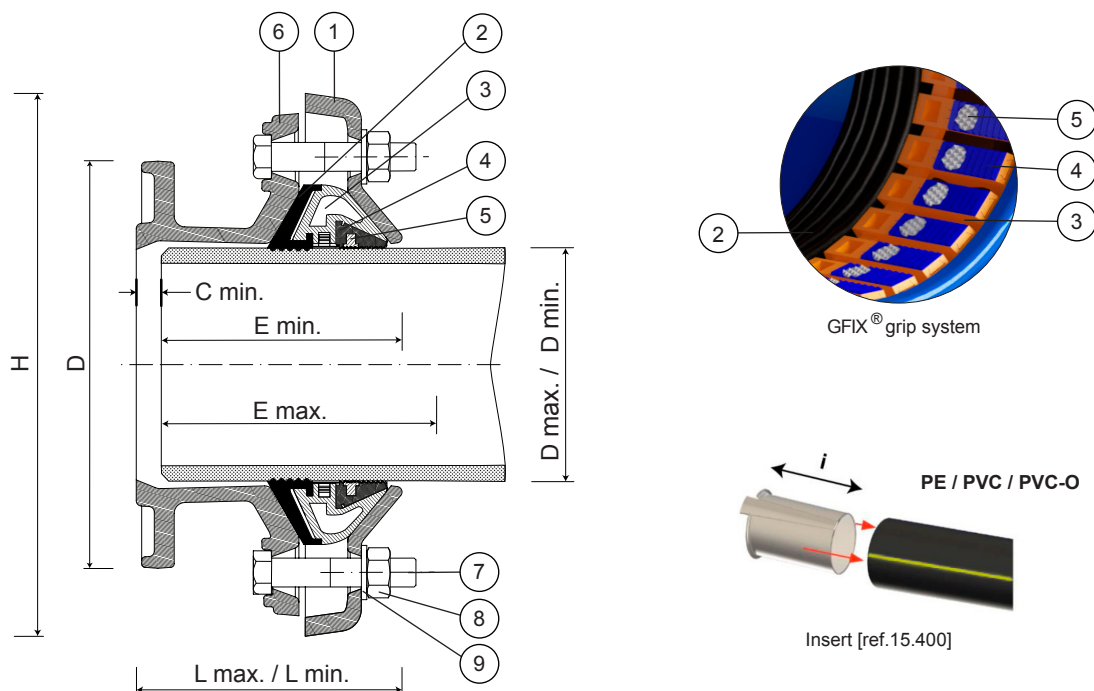
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Being one of the main objectives of our company the development and satisfaction of our customers, we reserve the right to update, change or replace the specifications presented without prior notice.

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Component list

pos.	components	material	standard
1	Locking ring	Ductile iron EN-GJS-500-7	EN 1563
2	Sealing	Elastomer NBR	EN 682
3	Gripper support	POM	-
4	Gripper	POM	-
5	Rivets with milling	Tempered steel cq 15	DIN 1654

pos.	components	material	standard
6	Body	Ductile iron EN-GJS-500-7	EN 1563
7	Bolts	Stainless steel A2	EN 10088 - 1
8	Nuts	Stainless steel A4	EN 10088 - 1
9	Washers	Stainless steel A2	EN 10088 - 1

Reference and dimensions

DN flange	D min./max. mm - mm	PN	code	L min./max. mm - mm	H mm	E min./max. mm - mm	C min. mm	Kg approx.	i insert* mm	Bolt		Torque
50	39 - 52	10/16	10900600	129 - 138	195	90 - 120	15	5	175	3 x M12	19 mm	50 - 70 Nm
50	49 - 64	10/16	10900602	128 - 138	197	90 - 120	15	5	175	3 x M12	19 mm	50 - 70 Nm
60/65	63 - 83	10/16	10900604	129 - 143	209	105 - 128	15	8	175	4 x M12	19 mm	50 - 70 Nm
80	78 - 103	10/16	10900606	125 - 143	229	105 - 128	15	9	175	4 x M12	19 mm	50 - 70 Nm
80/100	87 - 117	10/16	10900608	121 - 143	243	105 - 128	15	10	175	4 x M12	19 mm	50 - 70 Nm
100	100 - 130	10/16	10900610	127 - 150	256	105 - 130	20	10	175	4 x M16	24 mm	90 - 120 Nm
125	117 - 147	10/16	10900612	127 - 150	273	105 - 130	20	12	175	4 x M16	24 mm	90 - 120 Nm
150	152 - 182	10/16	10900614	147 - 168	308	115 - 145	20	14	175	4 x M16	24 mm	90 - 120 Nm
200	198 - 228	10/16	10900616	147 - 168	354	115 - 145	20	18	200	4 x M16	24 mm	90 - 120 Nm
200	245 - 285	10/16	10900617	251 - 280	424	150 - 180	95	30	200	6 x M16	24 mm	90 - 120 Nm
250	245 - 285	10/16	10900618	191 - 220	420	150 - 180	30	27	225	6 x M16	24 mm	90 - 120 Nm
300	300 - 340	10/16	10900620	191 - 220	479	150 - 180	30	35	225	8 x M16	24 mm	90 - 120 Nm
300	340 - 380	10/16	10900621	271 - 300	519	150 - 180	110	49	225	8 x M16	24 mm	90 - 120 Nm
350	340 - 380	10/16	10900622	191 - 220	520	150 - 180	40	42	225	8 x M16	24 mm	90 - 120 Nm
400	390 - 430	10	10900624	191 - 220	571	150 - 180	40	49	225	8 x M16	24 mm	90 - 120 Nm
400	390 - 430	16	10900626	191 - 220	571	150 - 180	40	52	225	8 x M16	24 mm	90 - 120 Nm

* recommended for PE, uPVC or PVC-O pipes - insert [ref. 15.400]

Table of tolerances and pipes on next page



TABLE OF TOLERANCES AND PIPES

DN	Tolerances D min. - max. mm - mm	code		Pipes									
		PN10	PN16	PE / PVC-u	Ductile iron		Steel	Asbestos cement					
				ø ext. pipe mm	DN	ø ext. pipe mm	ø ext. pipe mm	DN	Class 6	Class 12	Class 18	Class 24	Class 30
50	39 - 52	10900600	10900600	40 50	-	-	42.4 48.3	-	-	-	-	-	-
50	49 - 64	10900602	10900602	50 63	40	56	48.3 60.3	-	-	-	-	-	-
60/65	63 - 83	10900604	10900604	63 75	50 60 65	66 77 82	76.1	50 60	66 76	66 76	66 76	66 76	66 78
80	78 - 103	10900606	10900606	90	65 80	82 98	88.9 101.6	60 80	- 96	- 96	- 96	- 98	78 -
80/100	87 - 117	10900608	10900608	90 110	80	98	88.9 101.6 114.3	80 100	96 116	96 116	96 -	98 -	104 -
100	100 - 130	10900610	10900610	110 125	100	118	101.6 114.3	80 100	- 116	- 116	- 118	- 122	104 128
125	117 - 147	10900612	10900612	125 140	100 125	118 144	139.7	100 125	- 141	- 141	118 145	122 -	128 -
150	152 - 182	10900614	10900614	160 180	150	170	168.3 177.8	125 150	- 168	- 168	- 174	- 180	157 -
200	198 - 228	10900616	10900616	200 225	200	222	219.1	200	220	222	228	-	-
200	245 - 285	10900617	10900617	250 280	200	274	273	200 250	- 272	- 276	- -	- -	250 -
250	245 - 285	10900618	10900618	250 280	250	274	273	200 250	- 272	- 276	- -	- -	250 -
300	300 - 340	10900620	10900620	315	300	326	323.9	300	324	330	338	-	-
300	340 - 380	10900621	10900621	315	350	378	355.6	300 350	- 376	- -	- -	352 -	366 -
350	343 - 378	10900622	10900622	355	350	378	355.6	300 350	- 376	- -	- -	352 -	366 -
400	390 - 430	10900624	10900626	400	400	429	406.4	350 400	- 428	- -	- -	- -	426 -



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