LARGE TOLERANCE MULTIMATERIALS COUPLING FLANGED ADAPTOR 11.3001
DN 40 - 1200 PN10/16

Product description
- Multimaterial coupling for waste water
- Service temperature from 0ºC (excluding frost) to 70ºC

Standards
- Designed according to EN 14525

Test according
- EN 14525: Positive internal pressure and negative internal

Corrosion protection
- Epoxy powder coating RAL 3011
- Applied internal and external with a minimum coating thickness of 250 µm
- Fusion bonded epoxy coating according EN 14901 and GSK (RAL-GZ662) guidelines

Features
- Large tolerance multimaterial coupling flanged adaptor for waste water
- NBR sealing gaskets with incorporated O-rings, which ensures an extremely effective seal and absorb minor imperfections in the pipe
- Tolerance range from 30 to 40 mm that allows great versatility of the product and assembly of pipes with different materials and diameters
- Allow a maximum deflection angle of 3º
- Bolts in steel cl. 8.8, geomet coated
- Allow the connection between piper of ductile iron, steel, uPVC, asbestos cement, glass fibre, among other
- On request possibility of bolts, washers and nuts in stainless steel A2 or A4.



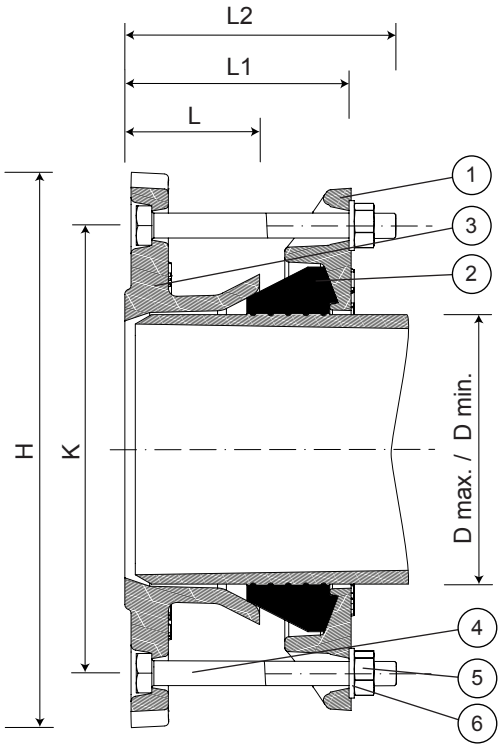
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Being one of the main objectives of our company the development and satisfaction of our customers, we reserve the right to update, change or replace the specifications presented without prior notice.

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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 681 - 1
3	Body	Ductile iron EN-GJS-500-7	EN 1563
4	Bolts	Steel cl 8.8 (geomet coating)	ISO 898-1
5	Nuts	Steel cl 8 (geomet coating)	ISO 898-2
6	Washers	Steel (geomet coating)	ISO 898-2

Reference and dimensions

DN flange	D min./max. mm - mm	PN	code	L mm	L1 mm	H flange mm	K mm	Kg approx.	Bolt	L2 mm		Torque
40	25 - 55	10/16	10908200	65	108	150	110	5	3 x M12	120	19 mm	60 - 80 Nm
50	39 - 69	10/16	10908201	65	108	165	125	5	3 x M12	120	19 mm	60 - 80 Nm
50	46 - 76	10/16	10908202	65	108	165	125	5	3 x M12	120	19 mm	60 - 80 Nm
60/65	57 - 87	10/16	10908203	65	108	175/185	135/145	6	4 x M12	120	19 mm	60 - 80 Nm
80	78 - 108	10/16	10908204	65	108	200	160	7	4 x M12	120	19 mm	60 - 80 Nm
80/100	87 - 117	10/16	10908209	65	108	200/220	160/180	7	4 x M12	120	19 mm	60 - 80 Nm
100	87 - 117	10/16	10908205	65	108	220	180	7	4 x M12	120	19 mm	60 - 80 Nm
100	100 - 130	10/16	10908206	65	108	220	180	8	4 x M12	120	19 mm	60 - 80 Nm
100	108 - 138	10/16	10908211	65	114	220	180	7	4 x M12	120	19 mm	60 - 80 Nm
125	117 - 147	10/16	10908207	70	114	250	210	9	4 x M12	120	19 mm	60 - 80 Nm
125/150	129 - 159	10/16	10908208	70	114	250/285	210/240	10	4 x M12	120	19 mm	60 - 80 Nm
150	152 - 182	10/16	10908210	75	119	285	240	11	4 x M16	150	24 mm	100 - 140 Nm
200	186 - 216	10/16	10908212	75	119	340	295	14	4 x M16	150	24 mm	100 - 140 Nm
200	198 - 228	10/16	10908213	75	119	340	295	14	4 x M16	150	24 mm	100 - 140 Nm
250	245 - 280	10/16	10908215	85	140	400	350	21	4 x M16	150	24 mm	100 - 140 Nm
250	266 - 301	10/16	10908216	90	145	400	350	22	6 x M16	150	24 mm	100 - 140 Nm
300	314 - 349	10/16	10908217	90	145	455	400	27	6 x M16	150	24 mm	100 - 140 Nm
350	343 - 378	10/16	10908218	90	145	505/520	460	33	8 x M16	150	24 mm	100 - 140 Nm
350	375 - 410	10/16	10908219	127	145	505/520	460	40	8 x M16	200	24 mm	100 - 140 Nm
400	396 - 431	10	10908221	127	190	565	515	44	8 x M16	200	24 mm	100 - 140 Nm

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DN 40 - 1200 PN10/16

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DN flange	D min./max. mm - mm	PN	code	L mm	L1 mm	H flange mm	K mm	Kg approx.	Bolt	L2 mm		Torque
400	396 - 431	16	10908222	127	190	580	525	47	8 x M16	200	24 mm	100 - 140 Nm
400	420 - 455	10	10908223	127	190	565	515	46	8 x M16	200	24 mm	100 - 140 Nm
400	420 - 455	16	10908224	127	190	580	525	48	8 x M16	200	24 mm	100 - 140 Nm
450	457 - 492	10	10908225	127	190	615	565	54	10 x M16	200	24 mm	100 - 140 Nm
450	457 - 492	16	10908226	127	190	640	585	55	10 x M16	200	24 mm	100 - 140 Nm
500	497 - 532	10	10908227	127	190	670	620	56	10 x M16	200	24 mm	100 - 140 Nm
500	497 - 532	16	10908228	127	190	715	650	68	10 x M16	200	24 mm	100 - 140 Nm
500	533 - 568	10	10908229	127	190	670	620	56	10 x M16	200	24 mm	100 - 140 Nm
500	533 - 568	16	10908230	127	190	715	650	65	10 x M16	200	24 mm	100 - 140 Nm
600	625 - 660	10	10908233	130	200	780	725	73	10 x M16	200	24 mm	100 - 140 Nm
600	625 - 660	16	10908234	130	200	840	770	93	10 x M16	200	24 mm	100 - 140 Nm
700	710 - 745	10	10908235	160	200	895	840	121	12 x M16	250	24 mm	100 - 140 Nm
700	710 - 745	16	10908236	160	200	910	840	125	12 x M16	250	24 mm	100 - 140 Nm
800	810 - 845	10	10908239	160	200	1015	950	140	12 x M16	250	24 mm	100 - 140 Nm
800	810 - 845	16	10908240	160	200	1025	950	144	12 x M16	250	24 mm	100 - 140 Nm
900	934 - 975	10	10908237	160	200	1115	1050	-	14 x M20	260	30 mm	160 - 200 Nm
900	934 - 975	16	10908238	160	200	1125	1050	182	14 x M20	260	30 mm	160 - 200 Nm
1000	1034 - 1075	10	10908241	160	200	1230	1160	221	14 x M20	260	30 mm	160 - 200 Nm
1000	1034 - 1075	16	10908242	160	200	1255	1170	-	14 x M20	260	30 mm	160 - 200 Nm
1200	1219 - 1260	10	10908243	160	200	1455	1380	264	16 x M20	260	30 mm	160 - 200 Nm
1200	1219 - 1260	16	10908244	160	200	1485	1390	300	16 x M20	260	30 mm	160 - 200 Nm

Table of tolerances and pipes on next page

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TABLE OF TOLERANCES AND PIPES

DN	Tolerances	code		Pipes									
				PVC	Ductile iron		Steel	Asbestos cement					
	D min. - max. mm - mm	PN10	PN16	ø ext. pipe mm	DN	ø ext. pipe mm	ø ext. pipe mm	DN	Class 6	Class 12	Class 18	Class 24	Class 30
40	25 - 55	10908200	10908200	25 32 50	-	-	42.4 48.3	-	-	-	-	-	-
50	39 - 69	10908201	10908201	50 63	40 50	56 66	42.4 48.3 60.3	50	66	66	66	66	66
50	46 - 76	10908202	10908202	63 75	40 50	56 66	48.3 60.3	50 60	66 76	66 76	66 76	66 76	66 -
60/65	57 - 87	10908203	10908203	63 75	50 60 65	66 77 82	60.3 76.1	50 60	66 76	66 76	66 76	66 76	66 78
80	78 - 108	10908204	10908204	90	65 80	82 98	88.9 101.6	60 80	- 96	- 96	- 96	- 98	78 104
80/100	87 - 117	10908209	10908209	90 110	80	98	88.9 101.6 114.3	80 100	96 116	96 116	96 -	98 -	104 -
100	87 - 117	10908205	10908205	90 110	80	98	88.9 101.6 114.3	80 100	96 116	96 116	96 -	98 -	104 -
100	100 - 130	10908206	10908206	110 125	100	118	101.6 114.3	80 100	- 116	- 116	- 118	- 122	104 128
100	108 - 138	10908211	10908211	110 125	100	118	114.3	100	116	116	118	122	128
125	117 - 147	10908207	10908207	125 140	100 125	118 144	139.7	100 125	- 141	- 141	118 145	122 -	128 -
125/150	129 - 159	10908208	10908208	140	125	144	139.7	125	141	141	145	151	157
150	152 - 182	10908210	10908210	160 180	150	170	168.3 177.8	125 150	- 168	- 168	- 174	- 180	157 -
200	186 - 216	10908212	10908212	200	-	-	193.7	150	-	-	-	-	188
200	198 - 228	10908213	10908213	200 225	200	222	219.1	200	220	222	228	-	-
250	245 - 280	10908215	10908215	250 280	250	274	273	200 250	- 272	- 276	- -	- -	250 -
250	266 - 301	10908216	10908216	280	250	274	273	250	272	276	282	294	-
300	314 - 349	10908217	10908217	315	300	326	323.9	300	324	330	338	-	-
350	343 - 378	10908218	10908218	355	350	378	355.6	300 350	- 376	- -	- -	352 -	366 -
350	375 - 410	10908219	10908219	400	350	378	406.4	350	376	384	396	410	-
400	396 - 431	10908221	10908222	400	400	429	406.4	350 400	- 428	- -	- -	- -	426 -
400	420 - 455	10908223	10908224	-	400	429	-	400	-	438	452	-	-
450	457 - 492	10908225	10908226	-	450	480	457.0	400 450	- 482	- 492	- -	470 -	488 -
500	497 - 532	10908227	10908228	500	500	532	508	450	-	-	512	532	-
500	533 - 568	10908229	10908230	560	-	-	559	500	536	548	568	-	-
600	625 - 660	10908233	10908234	630	600	635	660	600	644	660	-	-	-
700	710 - 745	10908235	10908235	710	700	738	711.0	600	-	-	-	-	714
800	810 - 845	10908239	10908240	-	800	842	813.0	700	-	-	-	-	828
900	934 - 975	10908237	10908238	-	900	945	-	800 900	- 960	- -	- -	- -	946 -
1000	1034 - 1075	10908241	1 10908242	-	1000	1048	1067.0	900 1000	- -	- -	- -	1050 1066	- -
1200	1219 - 1260	10908243	10908244	-	1200	1255	1219.0	-	-	-	-	-	-

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