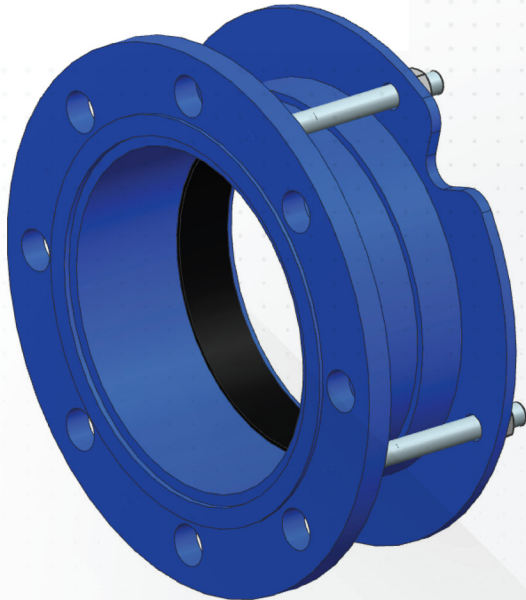


M2201

SMALL DIAMETER FAB. FLANGE ADAPTOR

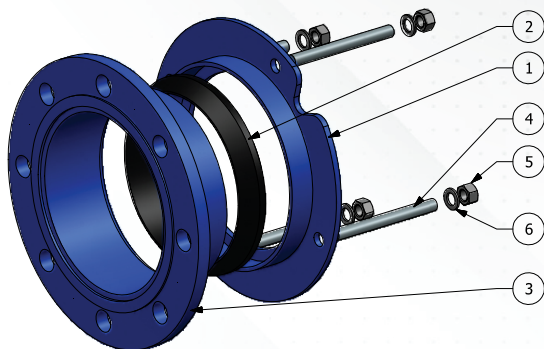


PRODUCT INFO

The Model 2201 is a small range fabricated flange adaptor, for all MS, DI and AC pipes, suitable for use with water and neutral liquids (sewage), to a maximum temperature of +50°C. Size from OD63.0 to OD453.1 mm. Other size and standard available upon request.

TECHNICAL SPECIFICATION

Model	: M2201
Size	: OD 63.0- 453.1 mm
Medium	: Water & Waste water
Pressure	
Working Pressure	: 10, 16 or 25 bar
Testing Pressure	: 1.5 X PN
Temperature	: Max. 50 deg
Flange Drilling	: Accordance to EN1092-1, PN10, 16 or 25
Material	:
Adaptor Flange	: Mild steel to BS EN10025-2:2004 Grade S235JR
End Ring	: Mild steel to BS EN10025-2:2004 Grade S275JR
Gasket	: EPDM
Stud Bolt	: Hot dipped galvanized Mild Steel to BS EN ISO898-1:2009 Grade 8.8
Nut	: Hot dipped galvanized steel to BS4190:2001 Grade 8.8
Washer	: Hot dipped galvanized steel
Coating	: Min 250µ epoxy coating RAL 5017 blue
Option	
Tie lug	: Mild steel to BS EN10025-2:2004 Grade S275JR
Tie Rod	: Hot dipped galvanized steel to BS EN ISO898-1:2009 Grade 8.8
Coating	: Hot Dipped Galvanized internally and externally



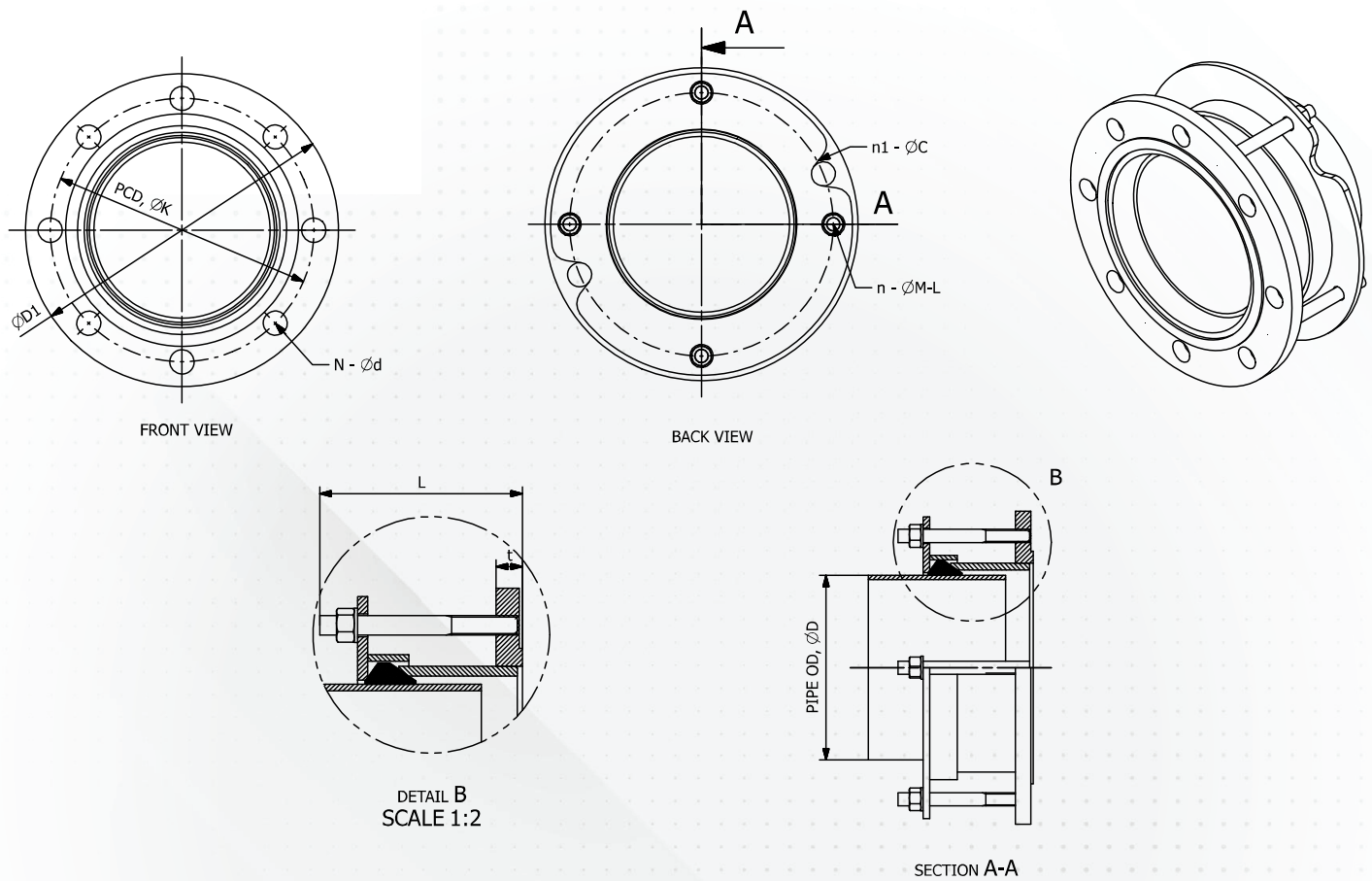
NO	PART NAME	QTY
1	ADAPTOR FLANGE	1
2	RUBBER GASKET	1
3	FLAT WAHSER	N
4	HEX NUT	N
5	STUD BOLT	N
6	END RING	1

NOTE:

M2201 Flange Adaptors DO NOT resist end load. Adequate restraint must be provided.



DIMENSION



NO	Pipe OD, $\varnothing D$ (mm)	Pipe Material	Flange to EN1091-1		Flange Dimension					Stud Dimension		Notching		Appx. Overall Length, L (mm)	Max. Setting Gap, X (mm)	Gasket Type	Est. Weight (Kg)
			DN	Drilling	$\varnothing D1$ (mm)	PCD, $\varnothing K$ (mm)	Thk, t (mm)	No of Holes, N (mm)	Holes Dia., $\varnothing d$ (mm)	Qty of Stud, n	Stud Dia. $\varnothing M \times L$ (mm)	Qty of Notching, n1	Notching Dia. $\varnothing C$ (mm)				
1	63.0	uPVC	50	PN10/ PN16	165	125	17	4	18	2	M12 X 120	2	18	125	25	E1	5
2	75.0	uPVC	65	PN10/ PN16	185	145	18	4	18	2	M12 X 120	2	18	125	25	E1	6
3	88.9	MS-BS	80	PN10/ PN16	200	160	18	8	18	4	M12 X 120	2	18	125	25	E1	7
4	88.9	MS-BS	80	PN25	200	160	18	8	18	4	M12 X 120	2	18	125	25	E1	7
5	90.0	uPVC	80	PN10/ PN16	200	160	18	8	18	4	M12 X 120	2	18	125	25	E1	7
6	98.0	DI	80	PN10/ PN16	200	160	18	8	18	4	M12 X 120	2	18	125	25	E1	7
7	110.0	uPVC	100	PN10/ PN16	220	180	20	8	18	4	M12 X 120	2	18	125	25	E1	9
8	114.3	MS-BS	100	PN10/ PN16	220	180	20	8	18	4	M12 X 120	2	18	125	25	E1	9
9	114.3	MS-BS	100	PN25	235	190	20	8	22	4	M12 X 120	2	22	125	25	E1	9
10	118.0	DI	100	PN10/ PN16	200	160	20	8	18	4	M12 X 120	2	18	125	25	E1	9
11	118.0	DI	100	PN25	235	190	20	8	22	4	M12 X 120	2	22	125	25	E1	10
12	121.9	MS-JKR	100	PN10/ PN16	220	180	20	8	18	4	M12 X 120	2	18	125	25	E1	10
13	121.9	MS-JKR	100	PN25	235	190	20	8	22	4	M12 X 120	2	22	125	25	E1	10
14	125.0	uPVC	125	PN10/ PN16	250	210	20	8	18	4	M12 X 120	2	18	125	25	E1	9
15	139.7	MS-BS	125	PN10/ PN16	250	210	20	8	18	4	M12 X 120	2	18	125	25	E1	9
16	139.7	MS-BS	125	PN25	270	220	20	8	26	4	M12 X 120	2	26	125	25	E1	9



DIMENSION

NO	Pipe OD, ØD (mm)	Pipe Material	Flange to EN1091-1		Flange Dimension					Stud Dimension		Notching		Appx. Overall Length, L (mm)	Max. Setting Gap, X (mm)	Gasket Type	Est. Weight (Kg)
			DN	Drilling	ØD1 (mm)	PCD, ØK (mm)	Thk, t (mm)	No of Holes, N (mm)	Holes Dia., Ød (mm)	Qty of Stud, n	Stud Dia. ØM X L (mm)	Qty of Notching, n1	Notching Dia. ØC (mm)				
17	140.0	uPVC	125	PN10/ PN16	250	210	20	8	18	4	M12 X 120	2	18	125	25	E1	10
18	160.0	uPVC	150	PN10/ PN16	285	240	22	8	22	4	M12 X 120	2	22	125	25	E1	12
19	168.3	MS-BS	150	PN10/ PN16	285	240	22	8	22	4	M12 X 120	2	22	125	25	E1	12
20	168.3	MS-BS	150	PN25	300	250	22	8	26	4	M12 X 120	2	26	125	25	E1	12
21	170.0	DI	150	PN10/ PN16	285	240	22	8	22	4	M12 X 120	2	22	125	25	E1	12
22	170.0	DI	150	PN25	300	250	22	8	26	4	M12 X 120	2	26	125	25	E1	12
23	177.3	MS-JKR	150	PN10/ PN16	285	240	22	8	22	4	M12 X 120	2	22	125	25	E1	13
24	177.3	MS-JKR	150	PN25	300	250	22	8	26	4	M12 X 120	2	26	125	25	E1	13
25	180.0	uPVC	175	PN10/ PN16	315	270	22	8	22	4	M12 X 120	2	22	125	25	E1	13
26	200.0	uPVC	200	PN10	340	295	23	8	22	4	M12 X 120	4	22	125	25	E1	15
27	200.0	uPVC	200	PN16	340	295	23	12	22	6	M12 X 120	4	22	125	25	E1	16
28	219.1	MS-BS	200	PN10	340	295	23	8	22	4	M12 X 120	4	22	125	25	E1	15
29	219.1	MS-BS	200	PN16	340	295	23	12	22	6	M12 X 120	4	22	125	25	E1	16
30	219.1	MS-BS	200	PN25	350	310	29	12	26	6	M12 X 120	4	26	125	25	E1	17
31	222.0	DI	200	PN10	340	295	23	8	22	4	M12 X 120	4	22	125	25	E1	15
32	222.0	DI	200	PN16	340	295	23	12	22	6	M12 X 120	4	22	125	25	E1	16
33	222.0	DI	200	PN25	350	310	29	12	26	6	M12 X 120	4	26	125	25	E1	17
34	225.0	uPVC	200	PN10	340	295	23	8	22	4	M12 X 120	4	22	125	25	E1	15
35	225.0	uPVC	200	PN16	340	295	23	12	22	6	M12 X 120	4	22	125	25	E1	16
36	232.2	MS-JKR	200	PN10	340	295	23	8	22	4	M12 X 120	4	22	125	25	E1	15
37	232.2	MS-JKR	200	PN16	340	295	23	12	22	6	M12 X 120	4	22	125	25	E1	16
38	232.2	MS-JKR	200	PN25	350	310	29	12	26	6	M12 X 120	4	26	125	25	E1	17
39	250.0	uPVC	250	PN10	395	350	26	12	22	6	M12 X 120	4	22	125	25	E1	15
40	250.0	uPVC	250	PN16	405	355	26	12	26	6	M12 X 120	4	26	125	25	E1	16
41	273.0	MS-BS	250	PN10	395	350	26	12	22	6	M12 X 120	4	22	125	25	E1	16
42	273.0	MS-BS	250	PN16	405	355	26	12	26	6	M12 X 120	4	26	125	25	E1	17
43	273.0	MS-BS	250	PN25	425	370	32	12	30	6	M12 X 120	4	30	125	25	E1	18
44	274.0	DI	250	PN10	395	350	26	12	22	6	M12 X 120	4	22	125	25	E1	16
45	274.0	DI	250	PN16	405	355	26	12	26	6	M12 X 120	4	26	125	25	E1	17
46	274.0	DI	250	PN25	425	370	32	12	30	6	M12 X 120	4	30	125	25	E1	18
47	280.0	uPVC	250	PN10	395	350	26	12	22	6	M12 X 120	4	22	125	25	E1	16
48	280.0	uPVC	250	PN16	405	355	26	12	26	6	M12 X 120	4	26	125	25	E1	18
49	286.0	MS-JKR	250	PN10	395	350	26	12	22	6	M12 X 120	4	22	125	25	E1	16
50	286.0	MS-JKR	250	PN16	405	355	26	12	26	6	M12 X 120	4	26	125	25	E1	18
51	286.0	MS-JKR	250	PN25	425	370	32	12	30	6	M12 X 120	4	30	125	25	E1	20
52	315.0	uPVC	300	PN10	445	400	29	12	22	6	M12 X 120	4	22	125	25	E1	20
53	315.0	uPVC	300	PN16	460	410	29	12	26	6	M12 X 120	4	26	125	25	E1	25
54	323.9	MS-BS	300	PN10	445	400	29	12	22	6	M12 X 120	4	22	125	25	E1	20
55	323.9	MS-BS	300	PN16	460	410	29	12	26	6	M12 X 120	4	26	125	25	E1	25
56	323.9	MS-BS	300	PN25	485	430	34	16	30	8	M12 X 120	4	30	125	25	E1	28
57	326.0	DI	300	PN10	445	400	29	12	22	6	M12 X 120	4	22	125	25	E1	20
58	326.0	DI	300	PN16	460	410	29	12	26	6	M12 X 120	4	26	125	25	E1	25



DIMENSION

NO	Pipe OD, ØD (mm)	Pipe Material	Flange to EN1091-1		Flange Dimension					Stud Dimension		Notching		Appx. Overall Length, L (mm)	Max. Setting Gap, X (mm)	Gasket Type	Est. Weight (Kg)
			DN	Drilling	ØD1 (mm)	PCD, ØK (mm)	Thk, t (mm)	No of Holes, N (mm)	Holes Dia., Ød (mm)	Qty of Stud, n	Stud Dia. ØM X L (mm)	Qty of Notching, n1	Notching Dia. ØC (mm)				
59	326.0	DI	300	PN25	485	430	34	16	30	8	M12 X 120	4	30	125	25	E1	28
60	345.0	MS-JKR	300	PN10	445	400	29	12	22	6	M12 X 120	4	22	125	25	E1	21
61	345.0	MS-JKR	300	PN16	460	410	29	12	26	6	M12 X 120	4	26	125	25	E1	26
62	345.0	MS-JKR	300	PN25	485	430	34	16	30	8	M12 X 120	4	30	125	25	E1	29
63	355.6	MS-BS	350	PN10	505	460	28	16	22	8	M16 X 150	4	22	160	35	E1	27
64	355.6	uPVC	350	PN10	505	460	28	16	22	8	M16 X 150	4	22	160	35	E1	27
65	355.6	MS-BS	350	PN16	520	470	28	16	26	8	M16 X 150	4	26	160	35	E1	30
66	355.6	uPVC	350	PN16	520	470	28	16	26	8	M16 X 150	4	26	160	35	E1	30
67	355.6	MS-BS	350	PN25	555	490	28	16	33	8	M16 X 150	4	33	160	35	E1	35
68	378.0	DI	350	PN10	505	460	28	16	22	8	M16 X 150	4	22	160	35	E1	25
69	378.0	DI	350	PN16	520	470	28	16	26	8	M16 X 150	4	26	160	35	E1	28
70	378.0	DI	350	PN25	555	490	28	16	33	8	M16 X 150	4	33	160	35	E1	35
71	399.3	MS-JKR	350	PN10	505	460	28	16	22	8	M16 X 150	4	22	160	35	E1	26
72	399.3	MS-JKR	350	PN16	520	470	28	16	26	8	M16 X 150	4	26	160	35	E1	29
73	399.3	MS-JKR	350	PN25	555	490	28	16	33	8	M16 X 150	4	33	160	35	E1	34
74	406.4	MS-BS	400	PN10	565	515	28	16	26	8	M16 X 150	4	26	160	35	E1	32
75	406.4	uPVC	400	PN10	565	515	28	16	26	8	M16 X 150	4	26	160	35	E1	32
76	406.4	MS-BS	400	PN16	580	525	28	16	30	8	M16 X 150	4	30	160	35	E1	35
77	406.4	uPVC	400	PN16	580	525	28	16	30	8	M16 X 150	4	30	160	35	E1	35
78	406.4	MS-BS	400	PN25	620	550	28	16	36	8	M16 X 150	4	36	160	35	E1	41
79	429.0	DI	400	PN10	565	515	28	16	26	8	M16 X 150	4	26	160	35	E1	29
80	429.0	DI	400	PN16	580	525	28	16	30	8	M16 X 150	4	30	160	35	E1	32
81	429.0	DI	400	PN25	620	550	28	16	36	8	M16 X 150	4	36	160	35	E1	38
82	453.1	MS-JKR	400	PN10	565	515	28	16	26	10	M16 X 150	4	26	160	35	E1	27
83	453.1	MS-JKR	400	PN16	580	525	28	16	30	10	M16 X 150	4	30	160	35	E1	30
84	453.1	MS-JKR	400	PN25	620	550	28	16	36	10	M16 X 150	4	36	160	35	E1	36

