

M2202

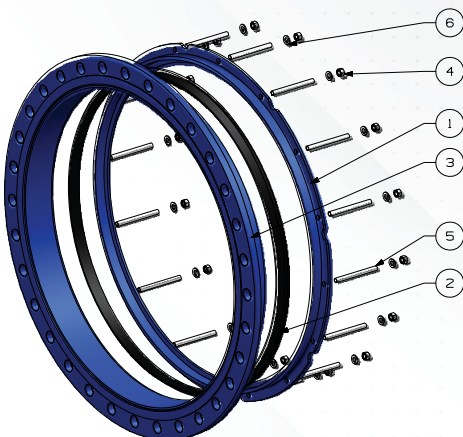
LARGE DIAMETER FAB. FLANGE ADAPTOR

PRODUCT INFO

The Model 2202 is a 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 OD457 to OD3,020 mm. Other size and standard available upon request.

TECHNICAL SPECIFICATION

Model	: M2202
Size	: OD 457 - 3,020 mm
Medium	: Water & Waste water
Pressure	
Working Pressure	: 6, 10, 16 or 25 bar
Testing Pressure	: 1.5 X PN
Temperature	: Max. 50 deg
Flange Drilling	: Accordance to EN1092-1, PN6, PN10, 16 or 25
Material	
Adaptor Flange	: Mild steel to BS EN10025-2:2004 Grade S235JR
End Flange	: Mild steel to BS EN10025-2:2004 Grade S235JR
Gasket	: EPDM
Stud Bolt	: Hot Dipped Galvanized Mild Steel to BS EN ISO898-1:2009 Property Class 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

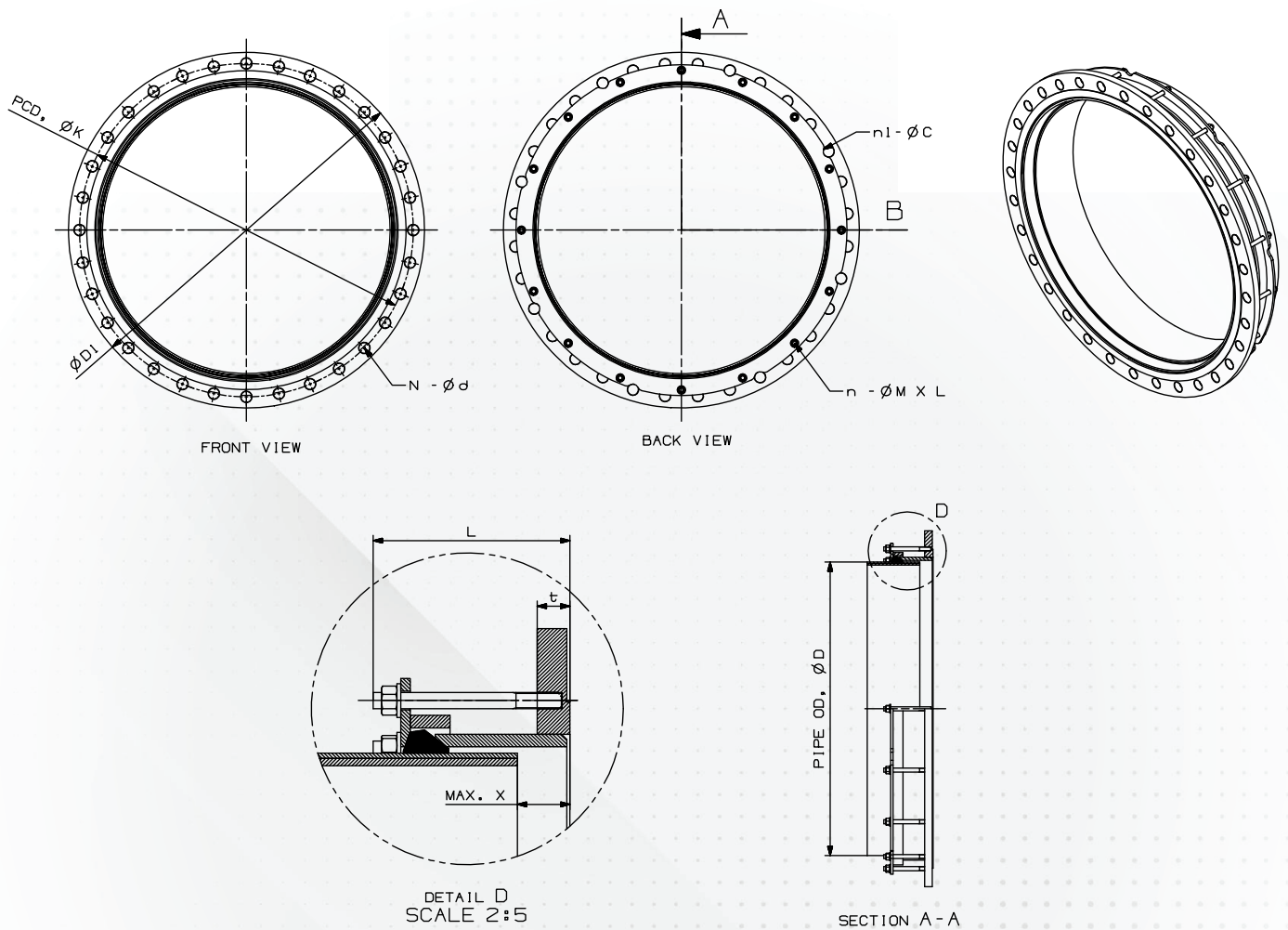


NO	PART NAME	QTY
1	ADAPTOR FLANGE	1
2	RUBBER GASKET	1
3	FLAT WAHSER	N
4	HEX NUT	N
5	STUD BOLT	N
6	END RING	1

NOTE:

M2202 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	$\varnothing D_1$ (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	457.0	MS-BS	450	PN10	615	565	28	20	26	10	M16 X 150	4	26	160	50	E1	37
2	457.0	uPVC	450	PN10	615	565	28	20	26	10	M16 X 150	4	26	160	50	E1	37
3	457.0	MS-BS	450	PN16	640	585	28	20	30	10	M16 X 150	4	30	160	50	E1	42
4	457.0	uPVC	450	PN16	640	585	28	20	30	10	M16 X 150	4	30	160	50	E1	42
5	457.0	MS-BS	450	PN25	670	600	28	20	36	10	M16 X 150	4	36	160	50	E1	49
6	480.0	DI	450	PN10	615	565	28	20	26	10	M16 X 150	4	26	160	50	E1	35
7	480.0	DI	450	PN16	640	585	28	20	30	10	M16 X 150	4	30	160	50	E1	40
8	480.0	DI	450	PN25	670	600	28	20	36	10	M16 X 150	4	36	160	50	E1	46
9	507.0	MS-JKR	450	PN10	615	565	28	20	26	10	M16 X 150	4	26	160	50	E1	38
10	507.0	MS-JKR	450	PN16	640	585	28	20	30	10	M16 X 150	4	30	160	50	E1	48
11	507.0	MS-JKR	450	PN25	670	600	28	20	36	10	M16 X 150	4	36	160	50	E1	55
12	508.0	MS-BS	500	PN10	670	620	28	20	26	10	M16 X 150	4	26	160	50	E1	38
13	508.0	uPVC	500	PN10	670	620	28	20	26	10	M16 X 150	4	26	160	50	E1	38
14	508.0	MS-BS	500	PN16	715	650	28	20	33	10	M16 X 150	4	33	160	50	E1	48



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)				
15	508.0	uPVC	500	PN16	715	650	28	20	33	10	M16 X 150	4	33	160	50	E1	48
16	508.0	MS-BS	500	PN25	730	660	28	20	36	10	M16 X 150	4	36	160	50	E1	55
17	532.0	DI	500	PN10	670	620	28	20	26	10	M16 X 150	4	26	160	50	E1	36
18	532.0	DI	500	PN16	715	650	28	20	33	10	M16 X 150	4	33	160	50	E1	46
19	532.0	DI	500	PN25	730	660	28	20	36	10	M16 X 150	4	36	160	50	E1	53
20	560.3	MS-JKR	500	PN10	670	620	28	20	26	10	M16 X 150	4	26	160	50	E1	35
21	560.3	MS-JKR	500	PN16	715	650	28	20	33	10	M16 X 150	4	33	160	50	E1	45
22	560.3	MS-JKR	500	PN25	730	660	28	20	36	10	M16 X 150	4	36	160	50	E1	52
23	610.0	MS-BS	600	PN10	780	725	28	20	30	10	M16 X 150	4	30	160	50	E1	63
24	610.0	uPVC	600	PN10	780	725	28	20	30	10	M16 X 150	4	30	160	50	E1	63
25	610.0	MS-BS	600	PN16	840	770	28	20	36	10	M16 X 150	4	36	160	50	E1	78
26	610.0	uPVC	600	PN16	840	770	28	20	36	10	M16 X 150	4	36	160	50	E1	78
27	610.0	MS-BS	600	PN25	845	770	28	20	39	10	M16 X 150	4	39	160	50	E1	83
28	635.0	DI	600	PN10	780	725	28	20	30	10	M16 X 150	4	30	160	50	E1	56
29	635.0	DI	600	PN16	840	770	28	20	36	10	M16 X 150	4	36	160	50	E1	72
30	635.0	DI	600	PN25	845	770	28	20	39	10	M16 X 150	4	39	160	50	E1	77
31	667.0	MS-JKR	600	PN10	780	725	28	20	30	10	M16 X 150	4	30	160	50	E1	53
32	667.0	MS-JKR	600	PN16	840	770	28	20	36	10	M16 X 150	4	36	160	50	E1	69
33	667.0	MS-JKR	600	PN25	845	770	28	20	39	10	M16 X 150	4	39	160	50	E1	74
34	711.0	MS-BS	700	PN10	895	840	31	24	30	12	M16 X 150	6	30	163	50	E1	83
35	711.0	MS-BS	700	PN16	910	840	31	24	36	12	M16 X 150	6	36	163	50	E1	87
36	711.0	MS-BS	700	PN25	960	875	31	24	42	12	M16 X 150	6	42	163	50	E1	102
37	738.0	DI	700	PN10	895	840	31	24	30	12	M16 X 150	6	30	163	50	E1	75
38	738.0	DI	700	PN16	910	840	31	24	36	12	M16 X 150	6	36	163	50	E1	79
39	738.0	DI	700	PN25	960	875	31	24	42	12	M16 X 150	6	42	163	50	E1	94
40	754.0	MS-JKR	700	PN10	895	840	31	24	30	12	M16 X 150	6	30	163	50	E1	71
41	754.0	MS-JKR	700	PN16	910	840	31	24	36	12	M16 X 150	6	36	163	50	E1	75
42	754.0	MS-JKR	700	PN25	960	875	31	24	42	12	M16 X 150	6	42	163	50	E1	90
43	804.0	MS-JKR	750	PN10	965	900	31	24	33	12	M16 X 150	6	33	163	50	E1	94
44	804.0	MS-JKR	750	PN16	970	900	31	24	36	12	M16 X 150	6	36	163	50	E1	96
45	813.0	MS-BS	800	PN10	1,015	950	31	24	33	12	M16 X 150	6	33	163	50	E1	98
46	813.0	MS-BS	800	PN16	1,025	950	31	24	39	12	M16 X 150	6	39	163	50	E1	102
47	813.0	MS-BS	800	PN25	1,085	990	31	24	48	12	M16 X 150	6	48	163	50	E1	140
48	842.0	DI	800	PN10	1,015	950	31	28	33	14	M16 X 150	7	33	163	50	E1	92
49	842.0	DI	800	PN16	1,025	950	31	28	39	14	M16 X 150	7	39	163	50	E1	96
50	842.0	DI	800	PN25	1,085	990	31	28	48	14	M16 X 150	7	48	163	50	E1	134
51	854.0	MS-JKR	800	PN10	1,015	950	31	28	33	14	M16 X 150	7	33	163	50	E1	90
52	854.0	MS-JKR	800	PN16	1,025	950	31	28	39	14	M16 X 150	7	39	163	50	E1	94
53	854.0	MS-JKR	800	PN25	1,085	990	31	28	48	14	M16 X 150	7	48	163	50	E1	132
54	904.0	MS-JKR	850	PN10	1,015	950	31	28	33	14	M16 X 150	7	33	163	50	E1	109
55	904.0	MS-JKR	850	PN16	1,025	950	31	28	39	14	M16 X 150	7	39	163	50	E1	111
56	914.0	MS-BS	900	PN10	1,115	1,050	31	28	33	14	M16 X 165	7	33	178	50	E1	178



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)				
57	914.0	MS-BS	900	PN16	1,125	1,050	31	28	39	14	M16 X 165	7	39	178	50	E1	108
58	914.0	MS-BS	900	PN25	1,185	1,090	38	28	48	14	M16 X 165	7	48	185	50	E1	175
59	945.0	DI	900	PN10	1,115	1,050	31	28	34	14	M16 X 165	7	34	178	50	E1	172
60	945.0	DI	900	PN16	1,125	1,050	31	28	40	14	M16 X 165	7	40	178	50	E1	102
61	945.0	DI	900	PN25	1,185	1,090	38	28	49	14	M16 X 165	7	49	185	50	E1	169
62	954.0	MS-JKR	900	PN10	1,115	1,050	31	28	34	14	M16 X 165	7	34	178	50	E1	171
63	954.0	MS-JKR	900	PN16	1,125	1,050	31	28	40	14	M16 X 165	7	40	178	50	E1	101
64	954.0	MS-JKR	900	PN25	1,185	1,090	38	28	49	14	M16 X 165	7	49	185	50	E1	168
65	1,016.0	MS-BS	1,000	PN10	1,230	1,160	31	28	37	14	M16 X 165	7	37	178	50	E1	123
66	1,016.0	MS-BS	1,000	PN16	1,255	1,170	31	28	43	14	M16 X 165	7	43	178	50	E1	133
67	1,016.0	MS-BS	1,000	PN25	1,320	1,210	31	28	56	14	M16 X 165	7	56	178	50	E1	210
68	1,048.0	DI	1,000	PN10	1,230	1,160	31	28	37	14	M16 X 165	7	37	178	50	E1	112
69	1,048.0	DI	1,000	PN16	1,255	1,170	31	28	43	14	M16 X 165	7	43	178	50	E1	113
70	1,048.0	DI	1,000	PN25	1,320	1,210	38	28	56	14	M16 X 165	7	56	185	50	E1	190
71	1,054.0	MS-JKR	1,000	PN10	1,230	1,160	31	28	37	14	M16 X 165	7	37	178	50	E1	110
72	1,054.0	MS-JKR	1,000	PN16	1,255	1,170	31	28	43	14	M16 X 165	7	43	178	50	E1	111
73	1,054.0	MS-JKR	1,000	PN25	1,320	1,210	38	28	56	14	M16 X 165	7	56	185	50	E1	187
74	1,118.0	MS-BS	1,100	PN10	1,340	1,270	38	32	37	16	M16 X 180	8	37	198	50	E2	105
75	1,118.0	MS-BS	1,100	PN16	1,355	1,270	38	32	43	16	M16 X 180	8	43	198	50	E2	106
76	1,118.0	MS-BS	1,100	PN25	1,420		38	32	56	16	M16 X 180	8	56	198	50	E2	182
77	1,152.0	DI	1,100	PN10	1,340	1,270	38	32	37	16	M16 X 180	8	37	198	50	E2	160
78	1,152.0	DI	1,100	PN16	1,355	1,270	38	32	43	16	M16 X 180	8	43	198	50	E2	166
79	1,152.0	DI	1,100	PN25	1,420		38	32	56	16	M16 X 180	8	56	198	50	E2	199
80	1,157.0	MS-JKR	1,100	PN10	1,340	1,270	38	32	37	16	M16 X 180	8	37	198	50	E2	157
81	1,157.0	MS-JKR	1,100	PN16	1,355	1,270	38	32	43	16	M16 X 180	8	43	198	50	E2	163
82	1,157.0	MS-JKR	1,100	PN25	1,420		38	32	56	16	M16 X 180	8	56	198	50	E2	196
83	1,219.0	MS-BS	1,200	PN10	1,455	1,380	38	32	39	16	M16 X 180	8	39	198	50	E2	186
84	1,219.0	MS-BS	1,200	PN16	1,485	1,390	38	32	48	16	M16 X 180	8	48	198	50	E2	201
85	1,219.0	MS-BS	1,200	PN25	1,530	1,420	38	32	56	16	M16 X 180	8	56	198	50	E2	228
86	1,255.0	DI	1,200	PN10	1,455	1,380	38	32	39	16	M16 X 180	8	39	198	50	E2	201
87	1,255.0	DI	1,200	PN16	1,485	1,390	38	32	48	16	M16 X 180	8	48	198	50	E2	216
88	1,255.0	DI	1,200	PN25	1,530	1,420	38	32	56	16	M16 X 180	8	56	198	50	E2	243
89	1,270.0	MS-JKR	1,200	PN10	1,455	1,380	38	32	39	16	M16 X 180	8	39	198	50	E2	206
90	1,270.0	MS-JKR	1,200	PN16	1,485	1,390	38	32	48	16	M16 X 180	8	48	198	50	E2	221
91	1,270.0	MS-JKR	1,200	PN25	1,530	1,420	38	32	56	16	M16 X 180	8	56	198	50	E2	248
92	1,422.0	MS-BS	1,400	PN10	1,675	1,590	38	36	42	18	M16 X 180	9	42	198	50	E2	251
93	1,422.0	MS-BS	1,400	PN16	1,685	1,590	38	36	48	18	M16 X 180	9	48	198	50	E2	255
94	1,462.0	DI	1,400	PN10	1,675	1,590	38	36	42	18	M16 X 180	9	42	198	50	E2	271
95	1,462.0	DI	1,400	PN16	1,685	1,590	38	36	48	18	M16 X 180	9	48	198	50	E2	275
96	1,472.0	MS-JKR	1,400	PN10	1,675	1,590	38	36	42	18	M16 X 180	9	42	198	50	E2	276
97	1,472.0	MS-JKR	1,400	PN16	1,685	1,590	38	36	48	18	M16 X 180	9	48	198	50	E2	280
98	1,620.0	MS-BS	1,600	PN10	1,915	1,820	60	40	48	40	M16 X 230	10	48	270	50	E2	509



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)				
99	1,620.0	MS-BS	1,600	PN16	1,930	1,820	60	40	56	40	M16 X 230	10	56	270	50	E2	519
100	1,668.0	DI	1,600	PN10	1,915	1,820	60	40	48	40	M16 X 230	10	48	270	50	E2	529
101	1,668.0	DI	1,600	PN16	1,930	1,820	60	40	56	40	M16 X 230	10	56	270	50	E2	539
102	1,829.0	MS-BS	1,800	PN10	2,115	2,020	60	44	48	44	M16 X 230	11	48	270	50	E2	542
103	1,829.0	MS-BS	1,800	PN16	2,130	2,020	60	44	56	44	M16 X 230	11	56	270	50	E2	552
104	1,875.0	DI	1,800	PN10	2,115	2,020	60	44	48	44	M16 X 230	11	48	270	50	E2	TBA
105	1,875.0	DI	1,800	PN16	2,130	2,020	60	44	56	44	M16 X 230	11	56	270	50	E2	TBA
106	2,032.0	MS-BS	2,000	PN06	2,265	2,180		48	42	48	M16 X 230	12	42	270	50	E3	TBA
107	2,032.0	MS-BS	2,000	PN10	2,325	2,230	60	48	48	48	M16 X 230	12	48	270	50	E3	TBA
108	2,032.0	MS-BS	2,000	PN16	2,345	2,230	60	48	62	48	M16 X 230	12	62	270	50	E3	618
109	2,082.0	DI	2,000	PN10	2,325	2,230	60	48	48	48	M16 X 230	12	48	270	50	E3	TBA
110	2,082.0	DI	2,000	PN16	2,345	2,230	60	48	62	48	M16 X 230	12	62	270	50	E3	TBA
111	2,120.0	MS-BS	2,100	PN06			60				M16 X 230			270	50	E3	TBA
112	2,120.0	MS-BS	2,100	PN10			60				M16 X 230			270	50	E3	TBA
113	2,120.0	MS-BS	2,100	PN16			60				M16 X 230			270	50	E3	TBA
114	2,235.0	MS-BS	2,200	PN06	2,475	2,390	60	52	42	52	M16 X 230	13	42	270	50	E3	TBA
115	2,235.0	MS-BS	2,200	PN10	2,550	2,440	60	52	55	52	M16 X 230	13	55	270	50	E3	TBA
116	2,235.0	MS-BS	2,200	PN16	2,555	2,440	60	52	62	52	M16 X 230	13	62	270	50	E3	TBA
117	2,337.0	MS-BS	2,300	PN06			60				M16 X 230			270	50	E3	TBA
118	2,337.0	MS-BS	2,300	PN10			60				M16 X 230			270	50	E3	TBA
119	2,438.0	MS-BS	2,400	PN06	2,685	2,600	60	56	42	56	M16 X 230	14	42	270	50	E3	TBA
120	2,438.0	MS-BS	2,400	PN10	2,760	2,650	60	56	55	56	M16 X 230	14	55	270	50	E3	TBA
121	2,540.0	MS-BS	2,500	PN06			60				M16 X 300			340	50	E3	TBA
122	2,540.0	MS-BS	2,500	PN10			60				M16 X 300			340	50	E3	TBA
123	2,642.0	MS-BS	2,600	PN06	2,905	2,810	60	60	48	60	M16 X 300	15	48	340	50	E3	TBA
124	2,642.0	MS-BS	2,600	PN10	2,960	2,850	60	60	55	60	M16 X 300	15	55	340	50	E3	TBA
125	2,743.0	MS-BS	2,700	PN06			60				M16 X 300			340	50	E3	TBA
126	2,743.0	MS-BS	2,700	PN10			60				M16 X 300			340	50	E3	TBA
127	2,820.0	MS-BS	2,800	PN06	3,115	3,020	60	64	48	64	M16 X 300	16	48	340	50	E3	TBA
128	2,820.0	MS-BS	2,800	PN10	3,180	3,070	70	64	55	64	M16 X 300	16	55	350	50	E3	TBA
129	2,920.0	MS-BS	2,900	PN06			70				M16 X 300			350	50	E3	TBA
130	2,920.0	MS-BS	2,900	PN10			70				M16 X 300			350	50	E3	TBA
131	3,020.0	MS-BS	3,000	PN06	3,315	3,220	70	68	48	68	M16 X 300	17	48	350	50	E3	TBA

