

TIME MINS	VERTICAL DEFLECTION OF THE BOTTOM FLANGE IN MM						
	V1W-V1E	V2W-V2E	V3W-V3E	V4W-V4E	V5W-V5E	V6W-V6E	V7W-V7E
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.0	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
3.0	0.00	0.01	0.00	-0.03	0.00	-0.03	0.02
4.0	0.00	0.01	0.03	-0.05	0.01	-0.06	0.08
5.0	0.00	0.01	0.08	-0.05	0.03	-0.09	0.13
6.0	-0.01	0.00	0.14	-0.02	0.06	-0.17	0.17
7.0	0.00	0.01	0.21	0.03	0.11	-0.34	0.19
8.0	0.00	-0.01	0.28	0.09	0.15	-1.04	0.21
9.0	0.08	-0.34	0.29	0.18	0.15	-1.68	0.25
10.0	0.14	-0.61	0.21	0.31	0.10	-2.22	0.31
11.0	0.19	-0.77	0.11	0.52	0.15	-2.70	0.35
12.0	0.22	-0.93	-0.02	0.62	0.16	-3.12	0.37
13.0	0.26	-1.08	-0.21	0.72	0.26	-3.46	0.41
14.0	0.29	-1.16	-0.28	0.82	0.72	-3.68	0.45
15.0	0.31	-1.23	-0.37	0.81	2.21	-3.89	0.50
16.0	0.33	-1.26	-0.36	0.94	2.72	-4.06	0.55
17.0	0.35	-1.29	-0.44	1.06	3.11	-4.35	0.63
18.0	0.37	-1.35	-0.74	1.12	3.42	-4.52	0.68
19.0	0.39	-1.37	-1.47	1.25	3.83	-4.65	0.73
20.0	0.40	-1.38	-2.67	1.31	4.30	-4.75	0.75
21.0	0.42	-1.42	-3.08	1.34	4.48	-4.85	0.79
22.0	0.42	-1.46	-3.46	1.32	4.62	-4.96	0.83
23.0	0.45	-1.52	-3.93	1.34	4.85	-5.04	0.87
24.0	0.46	-1.59	-4.44	1.31	5.01	-5.08	0.89
25.0	0.47	-1.64	-4.91	1.29	5.13	-5.12	0.92
26.0	0.48	-1.68	-5.30	1.25	5.24	-5.13	0.93
27.0	0.50	-1.73	-5.63	1.24	5.36	-5.15	0.94
28.0	0.49	-1.75	-6.01	1.26	5.57	-5.17	0.96
29.0	0.47	-1.77	-6.40	1.29	5.69	-5.18	0.98
30.0	0.45	-1.80	-7.01	1.33	5.90	-5.21	1.01
31.0	0.40	-1.81	-7.51	1.42	6.30	-5.21	1.01
32.0	0.38	-1.81	-7.85	1.53	6.61	-5.22	1.01
33.0	0.30	-1.73	-8.11	1.61	6.79	-5.23	1.01
34.0	0.25	-1.62	-8.28	1.71	6.98	-5.24	1.00
35.0	0.20	-1.41	-8.33	1.81	7.09	-5.24	1.00
36.0	0.19	-1.29	-8.34	1.89	7.15	-5.24	1.01
37.0	0.16	-1.17	-8.36	1.98	7.23	-5.25	1.01
38.0	0.15	-1.12	-8.38	2.00	7.26	-5.27	1.02
39.0	0.14	-1.11	-8.39	2.02	7.30	-5.30	1.03
40.0	0.14	-1.06	-8.40	2.04	7.33	-5.31	1.04
41.0	0.15	-1.03	-8.40	2.06	7.37	-5.33	1.04
42.0	0.15	-1.01	-8.40	2.09	7.39	-5.34	1.05
43.0	0.15	-0.99	-8.40	2.11	7.42	-5.35	1.05
44.0	0.15	-0.98	-8.41	2.12	7.44	-5.35	1.06
45.0	0.14	-0.97	-8.41	2.13	7.46	-5.36	1.06
46.0	0.14	-0.95	-8.40	2.14	7.49	-5.38	1.09
47.0	0.14	-0.94	-8.40	2.15	7.52	-5.40	1.12
48.0	0.14	-0.93	-8.40	2.17	7.56	-5.42	1.16
49.0	0.14	-0.92	-8.38	2.19	7.61	-5.46	1.20
50.0	0.14	-0.91	-8.37	2.20	7.64	-5.49	1.22
51.0	0.14	-0.91	-8.37	2.21	7.67	-5.52	1.24
52.0	0.14	-0.91	-8.37	2.22	7.71	-5.56	1.27
53.0	0.14	-0.90	-8.36	2.25	7.76	-5.59	1.29
54.0	0.13	-0.90	-8.35	2.28	7.89	-5.61	1.30
55.0	0.13	-0.89	-8.35	2.31	8.05	-5.63	1.31
56.0	0.13	-0.89	-8.35	2.33	8.18	-5.65	1.32
57.0	0.13	-0.89	-8.34	2.39	8.34	-5.66	1.32
58.0	0.14	-0.89	-8.32	2.43	8.52	-5.67	1.32
59.0	0.14	-0.89	-8.30	2.48	8.66	-5.68	1.33
60.0	0.14	-0.89	-8.29	2.51	8.84	-5.68	1.33
61.0	0.15	-0.89	-8.28	2.55	9.06	-5.68	1.32
62.0	0.15	-0.89	-8.27	2.61	9.25	-5.69	1.32
63.0	0.15	-0.88	-8.27	2.68	9.48	-5.68	1.32

Vertical Deflection Between The Two Sides Of The Lower Flange

Table 3.1

64.0	0.14	-0.88	-8.27	2.71	9.57	-5.68	1.32
65.0	0.13	-0.88	-8.28	2.73	9.65	-5.68	1.32
66.0	0.14	-0.88	-8.27	2.74	9.69	-5.67	1.32
67.0	0.14	-0.88	-8.27	2.75	9.73	-5.67	1.32
68.0	0.15	-0.88	-8.27	2.77	9.77	-5.67	1.31
69.0	0.15	-0.88	-8.26	2.79	9.80	-5.68	1.32
70.0	0.14	-0.88	-8.26	2.79	9.82	-5.67	1.32
71.0	0.13	-0.88	-8.26	2.79	9.83	-5.67	1.32
72.0	0.13	-0.88	-8.26	2.79	9.85	-5.67	1.32
73.0	0.13	-0.88	-8.26	2.80	9.87	-5.67	1.32
74.0	0.13	-0.87	-8.26	2.80	9.90	-5.66	1.31
75.0	0.13	-0.87	-8.26	2.81	9.93	-5.66	1.31
76.0	0.14	-0.87	-8.27	2.83	9.97	-5.65	1.31
77.0	0.18	-0.82	-8.27	2.85	10.01	-5.65	1.31
78.0	0.22	-0.79	-8.26	2.88	10.05	-5.65	1.31
79.0	0.24	-0.76	-8.26	2.89	10.08	-5.64	1.30
80.0	0.26	-0.73	-8.25	2.93	10.14	-5.62	1.30
81.0	0.28	-0.71	-8.25	2.95	10.19	-5.62	1.30
82.0	0.29	-0.69	-8.24	2.98	10.25	-5.60	1.30
83.0	0.29	-0.66	-8.24	3.03	10.28	-5.59	1.29
84.0	0.30	-0.65	-8.24	3.09	10.34	-5.59	1.30
85.0	0.30	-0.62	-8.23	3.14	10.38	-5.58	1.31
86.0	0.31	-0.48	-8.22	3.17	10.41	-5.58	1.31
87.0	0.32	-0.44	-8.22	3.22	10.46	-5.58	1.32
88.0	0.33	-0.40	-8.23	3.25	10.49	-5.58	1.33
89.0	0.34	-0.34	-8.22	3.29	10.52	-5.57	1.34
90.0	0.35	-0.31	-8.21	3.31	10.54	-5.56	1.35
91.0	0.35	-0.28	-8.27	3.42	10.60	-5.56	1.36
92.0	0.37	-0.24	-8.27	3.45	10.62	-5.56	1.37
93.0	0.37	-0.24	-8.31	3.49	10.66	-5.55	1.38
94.0	0.37	-0.22	-8.31	3.53	10.69	-5.55	1.39
95.0	0.37	-0.19	-8.29	3.57	10.75	-5.54	1.39
96.0	0.38	-0.17	-8.34	3.67	10.83	-5.53	1.40
97.0	0.37	-0.15	-8.33	3.76	10.93	-5.53	1.41
98.0	0.37	-0.16	-8.41	3.82	11.01	-5.53	1.42
99.0	0.37	-0.20	-8.48	3.91	11.15	-5.52	1.43
100.0	0.36	-0.20	-8.48	3.99	11.29	-5.52	1.44
101.0	0.32	-0.21	-8.49	4.07	11.49	-5.52	1.45
102.0	0.27	-0.21	-8.39	4.08	11.67	-5.52	1.45
103.0	0.21	-0.21	-8.09	3.88	11.87	-5.51	1.46
104.0	0.14	-0.18	-7.73	3.61	12.22	-5.50	1.48
105.0	0.05	-0.07	-7.53	3.34	12.48	-5.49	1.48
106.0	-0.10	0.03	-7.50	2.27	12.99	-5.48	1.49
107.0	-0.18	0.14	-7.88	1.68	13.58	-5.46	1.49
108.0	-0.26	0.24	-8.45	0.95	14.15	-5.45	1.50
109.0	-0.32	0.33	-9.67	0.54	14.62	-5.45	1.55
110.0	-0.36	0.42	-10.01	0.62	15.09	-5.49	1.59
111.0	-0.39	0.51	-10.66	0.32	15.45	-5.90	1.69
112.0	-0.41	0.61	-11.42	0.20	15.62	-6.31	1.74
113.0	-0.44	0.69	-11.64	0.08	15.78	-6.69	1.82
114.0	-0.45	0.72	-11.78	0.65	16.56	-7.01	1.91
115.0	-0.47	0.77	-12.14	1.61	16.90	-7.27	1.99
116.0	-0.50	0.81	-12.58	2.52	16.83	-7.71	2.14
117.0	-0.54	0.86	-12.84	3.73	16.90	-8.26	2.35
118.0	-0.57	0.90	-13.01	4.72	17.04	-8.52	2.48
119.0	-0.61	1.01	-13.23	4.88	17.25	-9.15	2.63
120.0	-0.67	1.30	-13.63	6.18	17.51	-9.48	2.77
121.0	-0.85	2.28	-15.04	8.22	17.72	-9.64	3.06
122.0	-1.04	2.66	-15.46	9.61	17.90	-10.65	3.28
123.0	-1.04	2.82	-16.09	10.15	17.92	-11.16	3.34
124.0	-1.06	3.22	-15.96	10.43	18.02	-11.14	3.35
125.0	-1.05	3.61	-16.06	10.38	18.10	-11.08	3.36
126.0	-1.05	3.81	-16.04	10.05	18.12	-11.09	3.36
127.0	-1.05	4.12	-16.20	9.79	18.15	-11.04	3.36
128.0	-1.04	4.30	-16.41	9.57	18.17	-10.92	3.35
129.0	-1.04	4.63	-16.60	9.37	18.20	-10.72	3.35
130.0	-1.03	4.83	-16.87	9.19	18.21	-10.64	3.33
131.0	-1.04	5.12	-17.13	9.01	18.21	-10.66	3.33
132.0	-1.07	5.32	-17.35	8.85	18.21	-10.66	3.33
133.0	-1.10	5.66	-17.63	8.68	18.23	-10.64	3.32

**Vertical Deflection Between The Two Sides Of The Lower Flange**

**Table 3.1**

134.0	-1.13	7.46	-17.85	8.63	18.23	-10.93	3.34
135.0	-1.15	8.06	-18.01	8.49	18.24	-11.08	3.42
136.0	-1.18	8.83	-18.28	8.29	18.24	-11.07	3.44
137.0	-1.20	9.13	-18.57	8.17	18.26	-11.05	3.45
138.0	-1.30	9.38	-19.07	8.09	18.27	-11.04	3.46
139.0	-1.32	9.59	-19.75	8.05	18.28	-11.04	3.46
140.0	-1.33	9.81	-20.37	8.00	18.29	-11.03	3.46
141.0	-1.36	9.98	-20.81	7.97	18.31	-11.01	3.47
142.0	-1.38	10.20	-21.27	7.92	18.32	-11.02	3.49
143.0	-1.39	10.42	-21.76	7.87	18.33	-11.04	3.49
144.0	-1.40	10.92	-22.25	7.85	18.33	-11.04	3.49
145.0	-1.42	11.38	-22.77	7.81	18.35	-11.05	3.49
146.0	-1.47	11.79	-23.33	7.76	18.35	-11.06	3.49
147.0	-1.50	12.16	-23.93	7.70	18.34	-11.09	3.47
148.0	-1.54	12.39	-24.53	7.64	18.31	-11.20	3.46
149.0	-1.55	12.53	-24.99	7.61	18.30	-11.42	3.46
150.0	-1.56	12.71	-25.56	7.58	18.25	-11.59	3.45
151.0	-1.61	12.79	-25.87	7.59	18.25	-11.66	3.41
152.0	-1.64	12.93	-25.69	7.59	18.25	-11.68	3.41
153.0	-1.70	13.08	-25.23	7.60	18.23	-11.70	3.42
154.0	-1.73	13.19	-24.68	7.58	18.20	-11.70	3.43
155.0	-1.77	13.33	-24.42	7.60	18.22	-11.70	3.44
156.0	-1.83	13.43	-23.95	7.61	18.22	-11.61	3.45
157.0	-1.87	13.46	-23.62	7.59	18.22	-11.59	3.48
158.0	-1.93	13.50	-23.46	7.60	18.23	-11.59	3.51
159.0	-1.98	13.57	-23.21	7.64	18.22	-11.59	3.52
160.0	-2.01	13.63	-22.62	7.70	18.21	-11.59	3.52
161.0	-2.04	13.71	-21.93	7.77	18.22	-11.59	3.52
162.0	-2.06	13.80	-21.39	7.79	18.21	-11.57	3.53
163.0	-2.09	13.88	-21.02	7.80	18.20	-11.56	3.53
164.0	-2.12	13.97	-20.66	7.82	18.19	-11.54	3.53
165.0	-2.15	14.06	-20.39	7.83	18.18	-11.53	3.53
166.0	-2.18	14.13	-20.03	7.85	18.16	-11.52	3.52
167.0	-2.19	14.21	-19.57	7.85	18.14	-11.52	3.50
168.0	-2.22	14.28	-19.11	7.87	18.13	-11.52	3.49
169.0	-2.24	14.39	-18.86	7.89	18.11	-11.51	3.48
170.0	-2.26	14.52	-18.70	7.89	18.09	-11.50	3.47
171.0	-2.28	14.61	-18.58	7.89	18.08	-11.50	3.46
172.0	-2.29	14.69	-18.48	7.88	18.07	-11.50	3.46
173.0	-2.32	14.78	-18.36	7.85	18.06	-11.49	3.45
174.0	-2.33	14.87	-18.27	7.84	18.05	-11.48	3.44
175.0	-2.35	14.98	-18.22	7.83	18.03	-11.47	3.43
176.0	-2.35	15.03	-18.17	7.82	18.02	-11.46	3.42
177.0	-2.36	15.05	-18.16	7.82	18.00	-11.45	3.41
178.0	-2.37	15.05	-18.12	7.81	17.99	-11.44	3.41
179.0	-2.38	15.08	-18.06	7.82	17.98	-11.42	3.40
180.0	-2.39	15.12	-18.05	7.81	17.97	-11.39	3.39
181.0	-2.39	15.17	-18.06	7.81	17.96	-11.35	3.38
182.0	-2.40	15.33	-18.06	7.82	17.95	-11.32	3.38

**Vertical Deflection Between The Two Sides Of The Lower Flange**

**Table 3.1**