

Test number	Test name	Bc mm	Dc mm	θc deg	Bt mm	Dt mm	θt deg	H mm	r mm	t mm	c mm	F <sub>y</sub> N/mm <sup>2</sup>	M <sub>cr,xx</sub> N-mm	k <sub>φ</sub> N-mm/rad/mm	k <sub>t</sub> N/mm/mm	P <sub>test</sub> Pa	P <sub>predicted</sub> Pa	P <sub>test</sub> /P <sub>predicted</sub>
2	Z200D-2	68.4	26.4	47	72.5	27.5	53	202	6.6	2.59	39	420	3.22E+07	1491	11.4	790	814	0.97
3	Z200D-3	68.1	25.2	47	65.5	25.7	53	204	8.2	2.54	37	415	2.89E+07	1350	11.0	760	759	1.00
4	Z200B-1	68.6	24.4	47	70.1	28	52	205	7.3	2.57	41	433	3.11E+07	1627	11.8	870	859	1.01
5	Z200B-2W	68	25.8	46	70.1	26.1	53	204	6.7	2.57	36	418	3.06E+07	1287	11.3	890	765	1.16
6	Z250D-1	72	19.8	55	73.3	20.3	46	253	7	1.52	35	403	5.60E+06	1027	6.7	460	412	1.12
7	Z250D-2	72	20.8	55	72.6	21.4	48	253	6.5	1.52	31	401	5.58E+06	858	6.7	450	392	1.15
8	Z250B-1	71.7	21.1	55	72.9	22.1	47	253	5.9	1.51	25	401	5.50E+06	600	6.7	440	353	1.25
9	Z250B-2	70.7	22.3	54	73.3	20.3	47	251	6.1	1.5	42	399	5.37E+06	1274	6.6	480	414	1.16
10	C200D-1	65.2	21.3	90	65	21.7	90	203	5.1	2.57	34	522	5.39E+07	978	15.3	800	740	1.08
11	C200D-2	65.8	21.3	90	64.5	21.3	90	203	5.8	2.57	26	519	5.34E+07	594	15.2	690	544	1.27
12	C250D-1	64.5	20.9	89	65.5	19.6	89	254	5.6	1.49	20	423	9.40E+06	239	7.1	330	212	1.56
13	C250D-2	63.8	20.8	91	65	19.3	91	254	5.5	1.5	21	414	9.53E+06	264	6.9	330	224	1.48
14	Z200D-R100-1	67.9	25.2	48	67.9	27.6	53	205	5.7	2.54	40	428	2.94E+07	1554	11.5	810	829	0.98
15	Z200D-R100-2	67.9	25.6	47	67.9	26.5	52	205	6.3	2.51	21	418	2.81E+07	457	11.0	470	443	1.06
16	Z200D-TH25-1	70.6	25.3	46	70.8	28	52	204	7.1	2.54	37	428	2.98E+07	1048	6.7	770	684	1.13
17	Z200D-TH25-2	66.1	26.3	47	69.4	26.3	53	205	6.3	2.54	45	418	2.96E+07	1362	6.7	820	786	1.04
18	Z200D-TH50-1	73.3	24.1	48	69.3	26.2	53	202	7.7	2.57	37	423	3.02E+07	1514	6.7	850	783	1.09
19	Z200D-TH50-2	68.8	26.1	47	66.8	21.3	52	201	10.5	2.57	36	426	3.01E+07	1570	6.7	800	804	0.99
20	Z200D-TH100-1	69.7	22.6	47	70.1	26.7	53	201	7.6	2.57	28	427	3.10E+07	1607	6.7	720	839	0.86
21	Z200D-TH100-2	69.6	25.2	46	70.8	28.5	54	203	6.9	2.59	53	421	3.19E+07	3046	6.7	960	1041	0.92
22	Z200B-TH25-1	70	26.2	46	70.3	27.8	53	204	6.1	2.54	42	421	2.96E+07	1200	6.7	870	719	1.21
23	Z200B-TH25-2	68.9	26.6	46	68.1	26.7	53	204	6.5	2.54	32	420	2.91E+07	929	6.7	650	641	1.01
24	Z200B-TH50-1	72.1	25.1	48	71.4	28	53	203	7.5	2.57	47	424	3.10E+07	1956	6.7	1010	878	1.15
25	Z200B-TH50-2	68	25.2	47	68.7	26.8	53	206	7.7	2.57	40	424	3.06E+07	1765	6.7	910	877	1.04
26	Z200B-TH100-1	68.1	26	47	68.7	25	52	202	6.7	2.57	34	421	3.03E+07	1997	6.7	850	901	0.94
27	Z250D-TH25-1	68.4	20.1	54	73.9	20.8	47	253	6.5	1.5	39	404	5.46E+06	1140	6.7	470	424	1.11
28	Z250D-TH25-2	67.7	18.7	55	72.6	20.2	47	254	5.6	1.5	36	409	5.41E+06	1064	6.7	460	426	1.08
29	Z250D-TH50-1	67.2	21.1	54	71.9	20.7	47	252	6.5	1.54	28	405	5.87E+06	1250	6.7	430	450	0.96
30	Z250D-TH50-2	71.9	20.1	56	72.9	20.6	47	253	6.3	1.54	30	402	5.80E+06	1252	6.7	460	437	1.05
31	Z250D-TH100-1	71.9	21.9	55	71.6	19.9	48	257	6.9	1.52	44	397	5.48E+06	2448	6.7	560	460	1.22
32	Z250D-TH100-2	72	22	54	73	20	46	253	6.1	1.52	31	409	5.54E+06	1722	6.7	430	446	0.96
33	Z250B-TH25-1	74.7	22	55	70.2	21.5	47	254	6	1.5	27	402	5.23E+06	723	6.7	410	353	1.16
34	Z250B-TH25-2	69.3	20.4	55	72.5	20.1	47	258	6.2	1.52	39	398	5.56E+06	1126	6.7	530	428	1.24
35	Z250B-TH50-1	69.4	19.1	55	71.2	20.5	48	253	5.9	1.52	41	398	5.56E+06	1772	6.7	560	459	1.22
36	Z250B-TH50-2	68	19.4	55	70	19.8	48	254	5.7	1.52	39	402	5.52E+06	1721	6.7	530	462	1.15
37	Z250B-TH100-1	68	18	53	72.9	20	45	254	5.1	1.52	37	388	5.63E+06	2176	6.7	510	477	1.07
38	Z250B-TH100-2	68.1	22.6	54	72.8	20.2	47	254	6.8	1.52	40	409	5.62E+06	2349	6.7	540	477	1.13
39	C200D-TH25-1	63.8	21	90	64.5	21	90	203	4.8	2.57	20	525	5.38E+07	627	6.7	460	577	0.80
40	C200D-TH25-2	66.8	20.3	90	64.4	20.9	90	203	4.6	2.57	26	526	5.28E+07	778	6.7	510	610	0.84
41	C200D-TH50-1	61.5	21.2	90	62.8	20.2	90	203	4	2.58	21	514	5.41E+07	1024	6.7	560	733	0.76
42	C200D-TH50-2	62.3	20.1	90	68	21.7	90	203	5.8	2.57	24	531	5.60E+07	1156	6.7	650	797	0.82
43	C200D-TH100-1	64.7	21.2	90	65.7	21	90	203	6.3	2.57	26	541	5.44E+07	1607	6.7	820	832	0.99
44	C200D-TH100-2	64.4	21.3	91	64.9	21.1	91	203	4.6	2.57	12	547	5.38E+07	745	6.7	540	597	0.90
45	C250D-TH25-1	63.1	21.2	90	63.2	20.9	90	254	4.3	1.49	22	411	9.28E+06	697	6.7	290	326	0.89
46	C250D-TH25-2	62.9	20.9	89	64.4	20.3	89	254	4.3	1.5	33	410	9.56E+06	1049	6.7	380	391	0.97
47	C250D-TH50-1	63.1	20.1	90	68.1	21.3	90	254	4.8	1.5	22	413	9.89E+06	1046	6.7	300	371	0.81
48	C250D-TH50-2	63.1	21.1	90	68.8	19	90	254	5.6	1.5	12	413	9.88E+06	571	6.7	220	296	0.74
49	C250D-TH100-1	64.1	19.7	89	65.2	18.9	89	254	4.4	1.5	22	417	9.51E+06	1373	6.7	320	390	0.82
50	C250D-TH100-2	62.7	20.7	91	65	18	91	254	4.8	1.5	30	413	9.49E+06	1914	6.7	420	432	0.97