



**ProSigma+ (PrePainted.) - Double Span Rail - Load Tables**

Section reference	Weight (Kg/m)	Working Loads										Ultimate U.D.L. in kN/Span					
		Total Working U.D.L.	Allowable loading in kN/m <sup>2</sup>										Working Load at Limiting Deflection (L/150) KN	Gravity Load	Uplift - metal cladding		
			Purlin Centres in millimetres												Number of anti sag rods		
			(kN)	1200	1400	1600	1800	2000	2200	2400	2600	2800			0	1	2

**ProSigma + double Span Rails Load Tables S390 5.5**

Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-PSP145/65/150	3.78	8.13	1.23	1.06	0.92	0.82	0.74					11.06	12.19	12.07	12.19	12.19
DP-PSP145/65/200	5.03	13.74	2.08	1.78	1.56	1.39	1.25	1.14	1.04	0.96	0.89	14.60	20.60	19.87	20.60	20.60
DP-PSP175/65/150	4.13	9.60	1.45	1.25	1.09	0.97	0.87	0.79	0.73			16.12	14.40	13.93	14.40	14.40
DP-PSP175/65/200	5.49	16.40	2.49	2.13	1.86	1.66	1.49	1.36	1.24	1.15	1.07	21.31	24.60	22.77	24.60	24.60
DP-PSP205/65/150	4.47	11.63	1.76	1.51	1.32	1.17	1.06	0.96	0.88	0.81	0.76	23.40	17.45	15.37	17.45	17.45
DP-PSP205/65/200	5.95	20.08	3.04	2.61	2.28	2.03	1.83	1.66	1.52	1.40	1.30	30.97	30.12	24.91	30.12	30.12
DP-PSP235/65/150	4.81	13.13	1.99	1.71	1.49	1.33	1.19	1.09	0.99	0.92	0.85	31.00	19.69	18.21	19.69	19.69
DP-PSP235/65/200	6.42	22.92	3.47	2.98	2.60	2.31	2.08	1.89	1.74	1.60	1.49	41.06	34.37	29.54	34.37	34.37
DP-PSP265/65/150	5.16	15.15	2.29	1.97	1.72	1.53	1.38	1.25	1.15	1.06	0.98	41.32	22.72	19.80	22.72	22.72
DP-PSP265/65/200	6.88	26.74	4.05	3.47	3.04	2.70	2.43	2.21	2.03	1.87	1.74	54.77	40.11	31.98	40.11	40.11
DP-PSP300/65/150	5.56	14.86	2.25	1.93	1.69	1.50	1.35	1.23	1.13	1.04	0.97	55.71	22.29	22.07	22.29	22.29
DP-PSP300/65/200	7.42	25.87	3.92	3.36	2.94	2.61	2.35	2.14	1.96	1.81	1.68	73.91	38.80	35.54	38.80	38.80
DP-PSP325/65/150	5.85	16.66	2.52	2.16	1.89	1.68	1.51	1.38	1.26	1.17	1.08	67.65	24.99	23.20	24.99	24.99
DP-PSP325/65/200	7.80	28.17	4.27	3.66	3.20	2.85	2.56	2.33	2.13	1.97	1.83	89.79	42.25	37.23	42.25	42.25

**ProSigma + double Span Rails Load Tables S390 6.0**

Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-PSP145/65/150	3.78	7.51	1.04	0.89	0.78	0.70						9.29	11.27	10.57	11.27	11.27
DP-PSP145/65/200	5.03	12.27	1.70	1.46	1.28	1.14	1.02	0.93	0.85	0.79	0.73	12.27	18.98	17.55	18.98	18.98
DP-PSP175/65/150	4.13	8.90	1.24	1.06	0.93	0.82	0.74					13.54	13.34	12.16	13.34	13.34
DP-PSP175/65/200	5.49	15.13	2.10	1.80	1.58	1.40	1.26	1.15	1.05	0.97	0.90	17.91	22.69	20.04	22.69	22.69
DP-PSP205/65/150	4.47	10.80	1.50	1.29	1.13	1.00	0.90	0.82	0.75	0.69		19.66	16.20	13.35	16.20	16.20
DP-PSP205/65/200	5.95	18.55	2.58	2.21	1.93	1.72	1.55	1.41	1.29	1.19	1.10	26.03	27.82	21.84	27.82	27.82
DP-PSP235/65/150	4.81	12.22	1.70	1.45	1.27	1.13	1.02	0.93	0.85	0.78	0.73	26.05	18.33	15.83	18.33	18.33
DP-PSP235/65/200	6.42	21.19	2.94	2.52	2.21	1.96	1.77	1.61	1.47	1.36	1.26	34.50	31.79	25.92	31.79	31.79
DP-PSP265/65/150	5.16	14.14	1.96	1.68	1.47	1.31	1.18	1.07	0.98	0.91	0.84	34.72	21.20	17.17	21.20	21.20
DP-PSP265/65/200	6.88	24.76	3.44	2.95	2.58	2.29	2.06	1.88	1.72	1.59	1.47	46.02	37.14	28.00	36.24	37.14
DP-PSP300/65/150	5.56	13.62	1.89	1.62	1.42	1.26	1.14	1.03	0.95	0.87	0.81	46.81	20.44	19.11	20.44	20.44
DP-PSP300/65/200	7.42	22.65	3.15	2.70	2.36	2.10	1.89	1.72	1.57	1.45	1.35	62.10	33.97	31.07	33.97	33.97
DP-PSP325/65/150	5.85	15.08	2.09	1.80	1.57	1.40	1.26	1.14	1.05	0.97	0.90	56.85	22.62	20.05	22.62	22.62
DP-PSP325/65/200	7.80	24.60	3.42	2.93	2.56	2.28	2.05	1.86	1.71	1.58	1.46	75.44	36.90	32.48	36.90	36.90

**ProSigma + double Span Rails Load Tables S390 6.5**

Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-PSP145/65/150	3.78	6.99	0.90	0.77								7.92	10.48	9.40	10.48	10.48
DP-PSP145/65/200	5.03	10.45	1.34	1.15	1.01	0.89	0.80	0.73				10.45	17.60	15.71	17.60	17.60
DP-PSP175/65/150	4.13	8.29	1.06	0.91	0.80	0.71						11.54	12.43	10.77	12.43	12.43
DP-PSP175/65/200	5.49	14.04	1.80	1.54	1.35	1.20	1.08	0.98	0.90	0.83	0.77	15.26	21.06	17.89	21.06	21.06
DP-PSP205/65/150	4.47	10.08	1.29	1.11	0.97	0.86	0.78	0.70				16.76	15.12	11.78	15.12	15.12
DP-PSP205/65/200	5.95	17.23	2.21	1.89	1.66	1.47	1.33	1.20	1.10	1.02	0.95	22.18	25.84	19.43	24.42	25.84
DP-PSP235/65/150	4.81	11.43	1.46	1.26	1.10	0.98	0.88	0.80	0.73			22.19	17.14	13.98	17.14	17.14
DP-PSP235/65/200	6.42	19.71	2.53	2.17	1.89	1.68	1.52	1.38	1.26	1.17	1.08	29.40	29.56	23.08	28.89	29.56
DP-PSP265/65/150	5.16	13.24	1.70	1.46	1.27	1.13	1.02	0.93	0.85	0.78	0.73	29.58	19.86	15.13	19.86	19.86
DP-PSP265/65/200	6.88	23.05	2.95	2.53	2.22	1.97	1.77	1.61	1.48	1.36	1.27	39.21	34.57	24.88	31.52	34.57
DP-PSP300/65/150	5.56	12.31	1.58	1.35	1.18	1.05	0.95	0.86	0.79	0.73		39.89	18.46	16.81	18.46	18.46
DP-PSP300/65/200	7.42	19.90	2.55	2.19	1.91	1.70	1.53	1.39	1.28	1.18	1.09	52.92	29.85	27.58	29.85	29.85
DP-PSP325/65/150	5.85	13.39	1.72	1.47	1.29	1.14	1.03	0.94	0.86	0.79	0.74	48.44	20.09	17.61	20.09	20.09
DP-PSP325/65/200	7.80	21.55	2.76	2.37	2.07	1.84	1.66	1.51	1.38	1.28	1.18	64.28	32.33	28.78	32.33	32.33



