

ProSigma+ (PrePainted) - Single Span Rail - Load Tables

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

Prosigma + Single Span Rails Load Tables - S390												Span = 4.0				
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	10.29	2.14	1.84	1.61	1.43	1.29	1.17	1.07	0.99	0.92	14.86	15.44	10.11	15.19	15.44
DP-PSP145/65/200	5.03	18.10	3.77	3.23	2.83	2.51	2.26	2.06	1.89	1.74	1.62	19.63	27.15	16.42	24.14	27.15
DP-PSP175/65/150	4.13	13.23	2.76	2.36	2.07	1.84	1.65	1.50	1.38	1.27	1.18	19.80	19.85	11.75	18.24	19.85
DP-PSP175/65/200	5.49	23.30	4.86	4.16	3.64	3.24	2.91	2.65	2.43	2.24	2.08	26.18	34.96	18.94	28.76	34.96
DP-PSP205/65/150	4.47	16.40	3.42	2.93	2.56	2.28	2.05	1.86	1.71	1.58	1.46	28.75	24.60	13.05	21.01	24.60
DP-PSP205/65/200	5.95	28.91	6.02	5.16	4.52	4.02	3.61	3.29	3.01	2.78	2.58	38.05	43.37	20.86	32.83	43.37
DP-PSP235/65/150	4.81	19.78	4.12	3.53	3.09	2.75	2.47	2.25	2.06	1.90	1.77	35.73	29.68	15.45	24.90	29.68
DP-PSP235/65/200	6.42	34.91	7.27	6.23	5.46	4.85	4.36	3.97	3.64	3.36	3.12	47.33	52.37	24.71	38.85	51.96
DP-PSP265/65/150	5.16	23.38	4.87	4.18	3.65	3.25	2.92	2.66	2.44	2.25	2.09	47.62	35.08	16.88	27.87	35.08
DP-PSP265/65/200	6.88	41.30	8.60	7.37	6.45	5.74	5.16	4.69	4.30	3.97	3.69	63.13	61.94	26.86	43.19	58.85
DP-PSP300/65/150	5.56	27.85	5.80	4.97	4.35	3.87	3.48	3.17	2.90	2.68	2.49	64.22	41.78	18.86	31.67	41.57
DP-PSP300/65/200	7.42	49.22	10.25	8.79	7.69	6.84	6.15	5.59	5.13	4.73	4.39	85.19	73.84	29.92	48.81	67.62
DP-PSP325/65/150	5.85	31.22	6.50	5.57	4.88	4.34	3.90	3.55	3.25	3.00	2.79	77.98	46.83	19.89	34.03	45.29
DP-PSP325/65/200	7.80	55.20	11.50	9.86	8.62	7.67	6.90	6.27	5.75	5.31	4.93	103.49	82.80	31.44	52.17	73.33

Prosigma + Single Span Rails Load Tables - S390												Span = 4.5				
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	9.15	1.69	1.45	1.27	1.13	1.02	0.92	0.85	0.78	0.73	11.74	13.72	8.38	12.47	13.72
DP-PSP145/65/200	5.03	15.51	2.87	2.46	2.15	1.91	1.72	1.57	1.44	1.33	1.23	15.51	24.14	13.78	19.74	24.14
DP-PSP175/65/150	4.13	11.76	2.18	1.87	1.63	1.45	1.31	1.19	1.09	1.01	0.93	15.64	17.64	9.68	14.88	17.64
DP-PSP175/65/200	5.49	20.68	3.83	3.28	2.87	2.55	2.30	2.09	1.92	1.77	1.64	20.68	31.07	15.80	23.34	31.07
DP-PSP205/65/150	4.47	14.58	2.70	2.31	2.02	1.80	1.62	1.47	1.35	1.25	1.16	22.71	21.86	10.69	17.01	21.86
DP-PSP205/65/200	5.95	25.70	4.76	4.08	3.57	3.17	2.86	2.60	2.38	2.20	2.04	30.06	38.55	17.30	26.45	36.18
DP-PSP235/65/150	4.81	17.59	3.26	2.79	2.44	2.17	1.95	1.78	1.63	1.50	1.40	28.23	26.38	12.66	20.13	26.38
DP-PSP235/65/200	6.42	31.03	5.75	4.93	4.31	3.83	3.45	3.13	2.87	2.65	2.46	37.40	46.55	20.51	31.26	43.05
DP-PSP265/65/150	5.16	20.79	3.85	3.30	2.89	2.57	2.31	2.10	1.92	1.78	1.65	37.63	31.18	13.79	22.41	30.22
DP-PSP265/65/200	6.88	36.71	6.80	5.83	5.10	4.53	4.08	3.71	3.40	3.14	2.91	49.88	55.06	22.22	34.58	48.50
DP-PSP300/65/150	5.56	24.76	4.58	3.93	3.44	3.06	2.75	2.50	2.29	2.12	1.96	50.74	37.14	15.36	25.35	34.76
DP-PSP300/65/200	7.42	43.75	8.10	6.95	6.08	5.40	4.86	4.42	4.05	3.74	3.47	67.31	65.63	24.70	38.93	55.44
DP-PSP325/65/150	5.85	27.75	5.14	4.40	3.85	3.43	3.08	2.80	2.57	2.37	2.20	61.61	41.63	16.16	27.12	37.73
DP-PSP325/65/200	7.80	49.07	9.09	7.79	6.81	6.06	5.45	4.96	4.54	4.19	3.89	81.77	73.60	25.88	41.46	59.88

Prosigma + Single Span Rails Load Tables - S390												Span = 5.0				
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	8.23	1.37	1.18	1.03	0.91	0.82	0.75	0.69			9.51	12.35	7.14	10.41	12.35
DP-PSP145/65/200	5.03	12.56	2.09	1.79	1.57	1.40	1.26	1.14	1.05	0.97	0.90	12.56	21.72	11.85	16.48	21.72
DP-PSP175/65/150	4.13	10.58	1.76	1.51	1.32	1.18	1.06	0.96	0.88	0.81	0.76	12.67	15.88	8.21	12.34	15.88
DP-PSP175/65/200	5.49	16.75	2.79	2.39	2.09	1.86	1.68	1.52	1.40	1.29	1.20	16.75	27.97	13.53	19.37	26.24
DP-PSP205/65/150	4.47	13.12	2.19	1.87	1.64	1.46	1.31	1.19	1.09	1.01	0.94	18.40	19.68	9.01	14.02	19.01
DP-PSP205/65/200	5.95	23.13	3.86	3.30	2.89	2.57	2.31	2.10	1.93	1.78	1.65	24.35	34.70	14.74	21.81	30.31
DP-PSP235/65/150	4.81	15.83	2.64	2.26	1.98	1.76	1.58	1.44	1.32	1.22	1.13	22.87	23.74	10.69	16.57	22.62
DP-PSP235/65/200	6.42	27.93	4.66	3.99	3.49	3.10	2.79	2.54	2.33	2.15	2.00	30.29	41.90	17.50	25.77	35.97
DP-PSP265/65/150	5.16	18.71	3.12	2.67	2.34	2.08	1.87	1.70	1.56	1.44	1.34	30.48	28.06	11.59	18.36	25.53
DP-PSP265/65/200	6.88	33.04	5.51	4.72	4.13	3.67	3.30	3.00	2.75	2.54	2.36	40.40	49.56	18.90	28.39	40.33
DP-PSP300/65/150	5.56	22.28	3.71	3.18	2.79	2.48	2.23	2.03	1.86	1.71	1.59	41.10	33.42	12.90	20.70	29.24
DP-PSP300/65/200	7.42	39.38	6.56	5.63	4.92	4.38	3.94	3.58	3.28	3.03	2.81	54.52	59.07	20.97	31.87	45.89
DP-PSP325/65/150	5.85	24.98	4.16	3.57	3.12	2.78	2.50	2.27	2.08	1.92	1.78	49.91	37.46	13.53	22.07	31.62
DP-PSP325/65/200	7.80	44.16	7.36	6.31	5.52	4.91	4.42	4.01	3.68	3.40	3.15	66.23	66.24	21.93	33.83	49.37

ProSigma+ (PrePainted) - Single Span Rail - Load Tables

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

Prosigma + Single Span Rails Load Tables - S390 Span = 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	7.48	1.13	0.97	0.85	0.76	0.68					7.86	11.23	6.21	8.83	11.23
DP-PSP145/65/200	5.03	10.38	1.57	1.35	1.18	1.05	0.94	0.86	0.79	0.73		10.38	19.75	10.39	14.04	18.64
DP-PSP175/65/150	4.13	9.62	1.46	1.25	1.09	0.97	0.87	0.80	0.73			10.47	14.43	7.11	10.41	14.05
DP-PSP175/65/200	5.49	13.85	2.10	1.80	1.57	1.40	1.26	1.14	1.05	0.97	0.90	13.85	25.42	11.82	16.41	22.32
DP-PSP205/65/150	4.47	11.93	1.81	1.55	1.36	1.20	1.08	0.99	0.90	0.83	0.77	15.20	17.89	7.77	11.76	16.26
DP-PSP205/65/200	5.95	20.12	3.05	2.61	2.29	2.03	1.83	1.66	1.52	1.41	1.31	20.12	31.54	12.83	18.36	25.62
DP-PSP235/65/150	4.81	14.39	2.18	1.87	1.64	1.45	1.31	1.19	1.09	1.01	0.93	18.90	21.58	9.22	13.90	19.32
DP-PSP235/65/200	6.42	25.03	3.79	3.25	2.84	2.53	2.28	2.07	1.90	1.75	1.63	25.03	38.09	15.24	21.71	30.36
DP-PSP265/65/150	5.16	17.01	2.58	2.21	1.93	1.72	1.55	1.41	1.29	1.19	1.10	25.19	25.51	9.98	15.34	21.70
DP-PSP265/65/200	6.88	30.03	4.55	3.90	3.41	3.03	2.73	2.48	2.28	2.10	1.95	33.39	45.05	16.43	23.83	33.88
DP-PSP300/65/150	5.56	20.26	3.07	2.63	2.30	2.05	1.84	1.67	1.53	1.42	1.32	33.97	30.38	11.08	17.24	24.75
DP-PSP300/65/200	7.42	35.80	5.42	4.65	4.07	3.62	3.25	2.96	2.71	2.50	2.32	45.06	53.70	18.20	26.68	38.41
DP-PSP325/65/150	5.85	22.71	3.44	2.95	2.58	2.29	2.06	1.88	1.72	1.59	1.47	41.24	34.06	11.60	18.33	26.68
DP-PSP325/65/200	7.80	40.14	6.08	5.21	4.56	4.06	3.65	3.32	3.04	2.81	2.61	54.74	60.22	19.00	28.25	41.18

Prosigma + Single Span Rails Load Tables - S390 Span = 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	6.61	0.92	0.79	0.69							6.61	10.29	5.48	7.61	10.12
DP-PSP145/65/200	5.03	8.72	1.21	1.04	0.91	0.81	0.73					8.72	18.10	9.25	12.17	16.10
DP-PSP175/65/150	4.13	8.80	1.22	1.05	0.92	0.81	0.73					8.80	13.23	6.26	8.93	12.16
DP-PSP175/65/200	5.49	11.64	1.62	1.39	1.21	1.08	0.97	0.88	0.81	0.75	0.69	11.64	23.30	10.50	14.15	19.17
DP-PSP205/65/150	4.47	10.93	1.52	1.30	1.14	1.01	0.91	0.83	0.76	0.70		12.78	16.40	6.82	10.03	14.00
DP-PSP205/65/200	5.95	16.91	2.35	2.01	1.76	1.57	1.41	1.28	1.17	1.08	1.01	16.91	28.91	11.36	15.75	21.89
DP-PSP235/65/150	4.81	13.19	1.83	1.57	1.37	1.22	1.10	1.00	0.92	0.85	0.79	15.88	19.78	8.10	11.85	16.60
DP-PSP235/65/200	6.42	21.04	2.92	2.50	2.19	1.95	1.75	1.59	1.46	1.35	1.25	21.04	34.91	13.50	18.63	25.90
DP-PSP265/65/150	5.16	15.59	2.17	1.86	1.62	1.44	1.30	1.18	1.08	1.00	0.93	21.17	23.38	8.74	13.04	18.58
DP-PSP265/65/200	6.88	27.53	3.82	3.28	2.87	2.55	2.29	2.09	1.91	1.76	1.64	28.06	41.30	14.52	20.38	28.79
DP-PSP300/65/150	5.56	18.57	2.58	2.21	1.93	1.72	1.55	1.41	1.29	1.19	1.11	28.54	27.85	9.70	14.62	21.11
DP-PSP300/65/200	7.42	32.82	4.56	3.91	3.42	3.04	2.73	2.49	2.28	2.10	1.95	37.86	49.22	16.08	22.79	32.54
DP-PSP325/65/150	5.85	20.81	2.89	2.48	2.17	1.93	1.73	1.58	1.45	1.33	1.24	34.66	31.22	10.14	15.51	22.68
DP-PSP325/65/200	7.80	36.80	5.11	4.38	3.83	3.41	3.07	2.79	2.56	2.36	2.19	46.00	55.20	16.75	24.06	34.78

Prosigma + Single Span Rails Load Tables - S390 Span = 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	5.63	0.72									5.63	9.50	4.91	6.65	8.86
DP-PSP145/65/200	5.03	7.43	0.95	0.82	0.71							7.43	16.71	8.34	10.70	14.04
DP-PSP175/65/150	4.13	7.50	0.96	0.82	0.72							7.50	12.21	5.60	7.76	10.59
DP-PSP175/65/200	5.49	9.91	1.27	1.09	0.95	0.85	0.76	0.69				9.91	21.51	9.44	12.40	16.64
DP-PSP205/65/150	4.47	10.09	1.29	1.11	0.97	0.86	0.78	0.71				10.89	15.14	6.07	8.68	12.14
DP-PSP205/65/200	5.95	14.41	1.85	1.58	1.39	1.23	1.11	1.01	0.92	0.85	0.79	14.41	26.69	10.19	13.73	18.90
DP-PSP235/65/150	4.81	12.17	1.56	1.34	1.17	1.04	0.94	0.85	0.78	0.72		13.53	18.26	7.22	10.26	14.38
DP-PSP235/65/200	6.42	17.92	2.30	1.97	1.72	1.53	1.38	1.25	1.15	1.06	0.98	17.92	32.23	12.12	16.25	22.35
DP-PSP265/65/150	5.16	14.39	1.84	1.58	1.38	1.23	1.11	1.01	0.92	0.85	0.79	18.04	21.59	7.78	11.26	16.03
DP-PSP265/65/200	6.88	23.91	3.07	2.63	2.30	2.04	1.84	1.67	1.53	1.41	1.31	23.91	38.12	13.01	17.73	24.76
DP-PSP300/65/150	5.56	17.14	2.20	1.88	1.65	1.46	1.32	1.20	1.10	1.01	0.94	24.32	25.71	8.62	12.60	18.16
DP-PSP300/65/200	7.42	30.29	3.88	3.33	2.91	2.59	2.33	2.12	1.94	1.79	1.66	32.26	45.44	14.39	19.78	27.90
DP-PSP325/65/150	5.85	19.21	2.46	2.11	1.85	1.64	1.48	1.34	1.23	1.14	1.06	29.53	28.82	8.99	13.33	19.46
DP-PSP325/65/200	7.80	33.97	4.35	3.73	3.27	2.90	2.61	2.38	2.18	2.01	1.87	39.19	50.95	14.98	20.85	29.75

ProSigma+ (PrePainted) - Single Span Rail - Load Tables

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

Prosigma + Single Span Rails Load Tables - S390 Span = 7.0

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	4.85										4.85	8.82	4.45	5.88	7.81
DP-PSP145/65/200	5.03	6.41	0.76									6.41	15.52	7.59	9.53	12.36
DP-PSP175/65/150	4.13	6.47	0.77									6.47	11.34	5.06	6.84	9.30
DP-PSP175/65/200	5.49	8.55	1.02	0.87	0.76							8.55	19.98	8.58	11.00	14.59
DP-PSP205/65/150	4.47	9.37	1.12	0.96	0.84	0.74						9.39	14.06	5.47	7.61	10.61
DP-PSP205/65/200	5.95	12.42	1.48	1.27	1.11	0.99	0.89	0.81	0.74	0.68		12.42	24.78	9.24	12.14	16.49
DP-PSP235/65/150	4.81	11.31	1.35	1.15	1.01	0.90	0.81	0.73				11.67	16.96	6.51	9.01	12.55
DP-PSP235/65/200	6.42	15.45	1.84	1.58	1.38	1.23	1.10	1.00	0.92	0.85	0.79	15.45	29.93	11.00	14.37	19.49
DP-PSP265/65/150	5.16	13.36	1.59	1.36	1.19	1.06	0.95	0.87	0.80	0.73	0.68	15.55	20.04	7.00	9.85	13.95
DP-PSP265/65/200	6.88	20.61	2.45	2.10	1.84	1.64	1.47	1.34	1.23	1.13	1.05	20.61	35.40	11.79	15.64	21.53
DP-PSP300/65/150	5.56	15.92	1.89	1.62	1.42	1.26	1.14	1.03	0.95	0.87	0.81	20.97	23.87	7.75	11.02	15.76
DP-PSP300/65/200	7.42	27.82	3.31	2.84	2.48	2.21	1.99	1.81	1.66	1.53	1.42	27.82	42.19	13.03	17.42	24.21
DP-PSP325/65/150	5.85	17.84	2.12	1.82	1.59	1.42	1.27	1.16	1.06	0.98	0.91	25.46	26.76	8.08	11.63	16.84
DP-PSP325/65/200	7.80	31.54	3.76	3.22	2.82	2.50	2.25	2.05	1.88	1.73	1.61	33.79	47.31	13.55	18.33	25.76

Prosigma + Single Span Rails Load Tables - S390 Span = 7.5

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	4.23										4.23	8.23	4.07	5.26	6.94
DP-PSP145/65/200	5.03	5.58										5.58	14.48	6.97	8.58	10.99
DP-PSP175/65/150	4.13	5.63										5.63	10.58	4.61	6.10	8.23
DP-PSP175/65/200	5.49	7.45	0.83	0.71								7.45	18.64	7.87	9.87	12.92
DP-PSP205/65/150	4.47	8.18	0.91	0.78	0.68							8.18	13.12	4.98	6.76	9.34
DP-PSP205/65/200	5.95	10.82	1.20	1.03	0.90	0.80	0.72					10.82	23.13	8.46	10.85	14.54
DP-PSP235/65/150	4.81	10.16	1.13	0.97	0.85	0.75						10.16	15.83	5.93	8.00	11.05
DP-PSP235/65/200	6.42	13.46	1.50	1.28	1.12	1.00	0.90	0.82	0.75	0.69		13.46	27.93	10.07	12.86	17.18
DP-PSP265/65/150	5.16	12.47	1.39	1.19	1.04	0.92	0.83	0.76	0.69			13.55	18.71	6.37	8.73	12.24
DP-PSP265/65/200	6.88	17.96	2.00	1.71	1.50	1.33	1.20	1.09	1.00	0.92	0.86	17.96	33.04	10.78	13.96	18.92
DP-PSP300/65/150	5.56	14.85	1.65	1.41	1.24	1.10	0.99	0.90	0.83	0.76	0.71	18.27	22.28	7.05	9.75	13.80
DP-PSP300/65/200	7.42	24.23	2.69	2.31	2.02	1.79	1.62	1.47	1.35	1.24	1.15	24.23	39.38	11.91	15.53	21.25
DP-PSP325/65/150	5.85	16.65	1.85	1.59	1.39	1.23	1.11	1.01	0.93	0.85	0.79	22.18	24.98	7.33	10.27	14.72
DP-PSP325/65/200	7.80	29.44	3.27	2.80	2.45	2.18	1.96	1.78	1.64	1.51	1.40	29.44	44.16	12.37	16.31	22.55

Prosigma + Single Span Rails Load Tables - S390 Span = 8.0

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	3.72										3.72	7.72	3.75	4.75	6.21
DP-PSP145/65/200	5.03	4.91										4.91	13.58	6.44	7.79	9.85
DP-PSP175/65/150	4.13	4.95										4.95	9.92	4.24	5.49	7.33
DP-PSP175/65/200	5.49	6.54	0.68									6.54	17.48	7.27	8.94	11.54
DP-PSP205/65/150	4.47	7.19	0.75									7.19	12.30	4.57	6.06	8.30
DP-PSP205/65/200	5.95	9.51	0.99	0.85	0.74							9.51	21.68	7.80	9.80	12.94
DP-PSP235/65/150	4.81	8.93	0.93	0.80	0.70							8.93	14.84	5.45	7.18	9.80
DP-PSP235/65/200	6.42	11.83	1.23	1.06	0.92	0.82	0.74					11.83	26.18	9.29	11.62	15.29
DP-PSP265/65/150	5.16	11.69	1.22	1.04	0.91	0.81	0.73					11.91	17.54	5.84	7.82	10.83
DP-PSP265/65/200	6.88	15.78	1.64	1.41	1.23	1.10	0.99	0.90	0.82	0.76	0.70	15.78	30.97	9.94	12.59	16.80
DP-PSP300/65/150	5.56	13.93	1.45	1.24	1.09	0.97	0.87	0.79	0.73			16.05	20.89	6.46	8.72	12.19
DP-PSP300/65/200	7.42	21.30	2.22	1.90	1.66	1.48	1.33	1.21	1.11	1.02	0.95	21.30	36.92	10.97	13.99	18.83
DP-PSP325/65/150	5.85	15.61	1.63	1.39	1.22	1.08	0.98	0.89	0.81	0.75	0.70	19.49	23.41	6.71	9.17	12.97
DP-PSP325/65/200	7.80	25.87	2.70	2.31	2.02	1.80	1.62	1.47	1.35	1.24	1.16	25.87	41.40	11.39	14.67	19.95

ProSigma+ (PrePainted) - Single Span Rail - Load Tables

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

Prosigma + Single Span Rails Load Tables - S390 Span = 8.5

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	3.29										3.29	7.26	3.47	4.32	5.59
DP-PSP145/65/200	5.03	4.35										4.35	12.78	5.99	7.14	8.91
DP-PSP175/65/150	4.13	4.38										4.38	9.34	3.93	4.98	6.58
DP-PSP175/65/200	5.49	5.80										5.80	16.45	6.75	8.17	10.40
DP-PSP205/65/150	4.47	6.37										6.37	11.58	4.22	5.49	7.42
DP-PSP205/65/200	5.95	8.43	0.83	0.71								8.43	20.41	7.23	8.92	11.61
DP-PSP235/65/150	4.81	7.91	0.78									7.91	13.97	5.04	6.50	8.77
DP-PSP235/65/200	6.42	10.48	1.03	0.88	0.77	0.69						10.48	24.64	8.62	10.59	13.73
DP-PSP265/65/150	5.16	10.55	1.03	0.89	0.78	0.69						10.55	16.51	5.40	7.07	9.67
DP-PSP265/65/200	6.88	13.98	1.37	1.17	1.03	0.91	0.82	0.75	0.69			13.98	29.15	9.22	11.45	15.05
DP-PSP300/65/150	5.56	13.11	1.29	1.10	0.96	0.86	0.77	0.70				14.22	19.66	5.96	7.87	10.86
DP-PSP300/65/200	7.42	18.87	1.85	1.59	1.39	1.23	1.11	1.01	0.92	0.85	0.79	18.87	34.75	10.17	12.72	16.84
DP-PSP325/65/150	5.85	14.69	1.44	1.23	1.08	0.96	0.86	0.79	0.72			17.27	22.04	6.19	8.27	11.54
DP-PSP325/65/200	7.80	22.92	2.25	1.93	1.69	1.50	1.35	1.23	1.12	1.04	0.96	22.92	38.96	10.55	13.32	17.81

Prosigma + Single Span Rails Load Tables - S390 Span = 9.0

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	2.94										2.94	6.86	3.24	3.97	5.07
DP-PSP145/65/200	5.03	3.88										3.88	12.07	5.60	6.58	8.11
DP-PSP175/65/150	4.13	3.91										3.91	8.82	3.66	4.56	5.95
DP-PSP175/65/200	5.49	5.17										5.17	15.54	6.31	7.52	9.44
DP-PSP205/65/150	4.47	5.68										5.68	10.93	3.93	5.01	6.68
DP-PSP205/65/200	5.95	7.52	0.70									7.52	19.28	6.75	8.19	10.50
DP-PSP235/65/150	4.81	7.06										7.06	13.19	4.68	5.94	7.90
DP-PSP235/65/200	6.42	9.35	0.87	0.74								9.35	23.28	8.05	9.72	12.42
DP-PSP265/65/150	5.16	9.41	0.87	0.75								9.41	15.59	5.01	6.44	8.69
DP-PSP265/65/200	6.88	12.47	1.15	0.99	0.87	0.77	0.69					12.47	27.53	8.60	10.50	13.59
DP-PSP300/65/150	5.56	12.38	1.15	0.98	0.86	0.76	0.69					12.68	18.57	5.54	7.16	9.75
DP-PSP300/65/200	7.42	16.83	1.56	1.34	1.17	1.04	0.93	0.85	0.78	0.72		16.83	32.82	9.49	11.65	15.19
DP-PSP325/65/150	5.85	13.88	1.28	1.10	0.96	0.86	0.77	0.70				15.40	20.81	5.75	7.52	10.34
DP-PSP325/65/200	7.80	20.44	1.89	1.62	1.42	1.26	1.14	1.03	0.95	0.87	0.81	20.44	36.80	9.83	12.18	16.04