

**ProSigma+ (Galv.) - sleeved Span Purlins - Load Tables**

Section reference	Weight (Kg/m)	Total Working U.D.L. (kN)	Working Loads										Deflection Span	Gravity Load	Ultimate U.D.L. in kN/Span		
			Allowable loading in kN/m <sup>2</sup>												Uplift - metal cladding		
			Purlin Centres in millimetres												Number of anti sag rods		
			1200	1400	1600	1800	2000	2200	2400	2600	2800			0	1	2	
<b>Prosigma + sleeved Span Purlins Load Tables Minimun 450 MPA</b>												<b>Span = 4.0</b>					
Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2	
DP-SP145/65/150	3.78	13.48	2.81	2.41	2.11	1.87	1.68	1.53	1.40	1.30	1.20	13.48	22.46	22.22	29.68	31.66	
DP-SP145/65/180	4.53	16.09	3.35	2.87	2.51	2.23	2.01	1.83	1.68	1.55	1.44	16.09	31.57	30.34	40.21	46.18	
DP-SP145/65/200	5.03	17.80	3.71	3.18	2.78	2.47	2.22	2.02	1.85	1.71	1.59	17.80	37.54	35.67	46.95	55.70	
DP-SP175/65/150	4.13	17.64	3.68	3.15	2.76	2.45	2.21	2.00	1.84	1.70	1.58	17.64	28.87	25.98	35.50	40.71	
DP-SP175/65/180	4.95	21.07	4.39	3.76	3.29	2.93	2.63	2.39	2.20	2.03	1.88	21.07	40.62	35.29	47.84	59.42	
DP-SP175/65/200	5.49	23.33	4.86	4.17	3.64	3.24	2.92	2.65	2.43	2.24	2.08	23.33	48.33	41.39	55.72	71.71	
DP-SP205/65/150	4.47	23.86	4.97	4.26	3.73	3.31	2.98	2.71	2.49	2.29	2.13	25.61	35.78	29.07	40.72	50.46	
DP-SP205/65/180	5.36	30.62	6.38	5.47	4.78	4.25	3.83	3.48	3.19	2.94	2.73	30.62	50.38	39.24	54.53	73.01	
DP-SP205/65/200	5.95	33.90	7.06	6.05	5.30	4.71	4.24	3.85	3.53	3.26	3.03	33.90	59.96	45.90	63.33	85.83	
DP-SP235/65/150	4.81	28.78	6.00	5.14	4.50	4.00	3.60	3.27	3.00	2.77	2.57	31.12	43.17	34.38	48.22	60.87	
DP-SP235/65/180	5.78	37.21	7.75	6.64	5.81	5.17	4.65	4.23	3.88	3.58	3.32	37.21	60.81	46.46	64.52	87.04	
DP-SP235/65/200	6.42	41.22	8.59	7.36	6.44	5.72	5.15	4.68	4.29	3.96	3.68	41.22	72.40	54.35	74.92	102.24	
DP-SP265/65/150	5.16	34.02	7.09	6.07	5.32	4.72	4.25	3.87	3.54	3.27	3.04	41.47	51.03	37.73	53.79	71.43	
DP-SP265/65/180	6.19	47.94	9.99	8.56	7.49	6.66	5.99	5.45	4.99	4.61	4.28	49.62	71.91	50.79	71.66	98.46	
DP-SP265/65/200	6.88	54.98	11.45	9.82	8.59	7.64	6.87	6.25	5.73	5.29	4.91	54.98	85.64	59.33	83.04	115.44	
DP-SP300/65/150	5.56	40.52	8.44	7.24	6.33	5.63	5.07	4.60	4.22	3.90	3.62	55.92	60.78	42.26	60.96	82.29	
DP-SP300/65/180	6.68	57.13	11.90	10.20	8.93	7.93	7.14	6.49	5.95	5.49	5.10	66.94	85.69	56.76	80.92	113.00	
DP-SP300/65/200	7.42	68.05	14.18	12.15	10.63	9.45	8.51	7.73	7.09	6.54	6.08	74.19	102.08	66.23	93.64	132.25	
DP-SP325/65/150	5.85	45.42	9.46	8.11	7.10	6.31	5.68	5.16	4.73	4.37	4.06	67.91	68.13	44.73	65.34	89.46	
DP-SP325/65/180	7.02	64.05	13.34	11.44	10.01	8.90	8.01	7.28	6.67	6.16	5.72	81.30	96.07	59.90	86.43	122.44	
DP-SP325/65/200	7.80	76.31	15.90	13.63	11.92	10.60	9.54	8.67	7.95	7.34	6.81	90.13	114.47	69.82	99.87	143.07	
<b>Prosigma + sleeved Span Purlins Load Tables Minimun 450 MPA</b>												<b>Span = 4.5</b>					
Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2	
DP-SP145/65/150	3.78	10.65	1.97	1.69	1.48	1.31	1.18	1.08	0.99	0.91	0.85	10.65	19.96	18.29	19.96	19.96	
DP-SP145/65/180	4.53	12.71	2.35	2.02	1.77	1.57	1.41	1.28	1.18	1.09	1.01	12.71	28.06	25.15	28.06	28.06	
DP-SP145/65/200	5.03	14.06	2.60	2.23	1.95	1.74	1.56	1.42	1.30	1.20	1.12	14.06	33.37	29.68	33.37	33.37	
DP-SP175/65/150	4.13	13.94	2.58	2.21	1.94	1.72	1.55	1.41	1.29	1.19	1.11	13.94	25.67	21.26	25.67	25.67	
DP-SP175/65/180	4.95	16.65	3.08	2.64	2.31	2.06	1.85	1.68	1.54	1.42	1.32	16.65	36.11	29.09	36.11	36.11	
DP-SP175/65/200	5.49	18.43	3.41	2.93	2.56	2.28	2.05	1.86	1.71	1.58	1.46	18.43	42.96	34.24	42.96	42.96	
DP-SP205/65/150	4.47	20.24	3.75	3.21	2.81	2.50	2.25	2.04	1.87	1.73	1.61	20.24	31.81	23.62	31.81	31.81	
DP-SP205/65/180	5.36	24.19	4.48	3.84	3.36	2.99	2.69	2.44	2.24	2.07	1.92	24.19	44.78	32.14	43.89	44.78	
DP-SP205/65/200	5.95	26.79	4.96	4.25	3.72	3.31	2.98	2.71	2.48	2.29	2.13	26.79	53.30	37.73	50.99	53.30	
DP-SP235/65/150	4.81	24.59	4.55	3.90	3.41	3.04	2.73	2.48	2.28	2.10	1.95	24.59	38.38	27.97	38.38	38.38	
DP-SP235/65/180	5.78	29.40	5.44	4.67	4.08	3.63	3.27	2.97	2.72	2.51	2.33	29.40	54.06	38.08	51.89	54.06	
DP-SP235/65/200	6.42	32.57	6.03	5.17	4.52	4.02	3.62	3.29	3.02	2.78	2.58	32.57	64.36	44.73	60.30	64.36	
DP-SP265/65/150	5.16	30.24	5.60	4.80	4.20	3.73	3.36	3.05	2.80	2.58	2.40	32.77	45.36	30.56	43.10	45.36	
DP-SP265/65/180	6.19	39.21	7.26	6.22	5.45	4.84	4.36	3.96	3.63	3.35	3.11	39.21	63.92	41.47	57.35	63.92	
DP-SP265/65/200	6.88	43.44	8.04	6.90	6.03	5.36	4.83	4.39	4.02	3.71	3.45	43.44	76.12	48.63	66.51	76.12	
DP-SP300/65/150	5.56	36.02	6.67	5.72	5.00	4.45	4.00	3.64	3.34	3.08	2.86	44.19	54.03	34.15	48.64	54.03	
DP-SP300/65/180	6.68	50.78	9.40	8.06	7.05	6.27	5.64	5.13	4.70	4.34	4.03	52.89	76.17	46.24	64.53	76.17	
DP-SP300/65/200	7.42	58.62	10.86	9.30	8.14	7.24	6.51	5.92	5.43	5.01	4.65	58.62	90.74	54.17	74.75	90.74	
DP-SP325/65/150	5.85	40.37	7.48	6.41	5.61	4.98	4.49	4.08	3.74	3.45	3.20	53.66	60.56	36.02	51.93	60.56	
DP-SP325/65/180	7.02	56.93	10.54	9.04	7.91	7.03	6.33	5.75	5.27	4.87	4.52	64.24	85.40	48.65	68.67	85.40	
DP-SP325/65/200	7.80	67.83	12.56	10.77	9.42	8.37	7.54	6.85	6.28	5.80	5.38	71.21	101.75	56.93	79.44	101.75	
<b>Prosigma + sleeved Span Purlins Load Tables Minimun 450 MPA</b>												<b>Span = 5.0</b>					
Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2	
DP-SP145/65/150	3.78	8.63	1.44	1.23	1.08	0.96	0.86	0.78	0.72			8.63	17.97	15.46	17.97	17.97	
DP-SP145/65/180	4.53	10.30	1.72	1.47	1.29	1.14	1.03	0.94	0.86	0.79	0.74	10.30	25.26	21.41	25.26	25.26	
DP-SP145/65/200	5.03	11.39	1.90	1.63	1.42	1.27	1.14	1.04	0.95	0.88	0.81	11.39	30.03	25.35	30.03	30.03	
DP-SP175/65/150	4.13	11.29	1.88	1.61	1.41	1.25	1.13	1.03	0.94	0.87	0.81	11.29	23.10	17.88	23.10	23.10	
DP-SP175/65/180	4.95	13.49	2.25	1.93	1.69	1.50	1.35	1.23	1.12	1.04	0.96	13.49	32.50	24.65	32.18	32.50	
DP-SP175/65/200	5.49	14.93	2.49	2.13	1.87	1.66	1.49	1.36	1.24	1.15	1.07	14.93	38.66	29.11	37.57	38.66	
DP-SP205/65/150	4.47	16.39	2.73	2.34	2.05	1.82	1.64	1.49	1.37	1.26	1.17	16.39	28.63	19.76	27.02	28.63	
DP-SP205/65/180	5.36	19.59	3.27	2.80	2.45	2.18	1.96	1.78	1.63	1.51	1.40	19.59	40.30	27.08	36.18	40.30	
DP-SP205/65/200	5.95	21.70	3.62	3.10	2.71	2.41	2.17	1.97	1.81	1.67	1.55	21.70	47.97	31.91	42.11	47.97	

**ProSigma+ (Galv.) - sleeved Span Purlins - Load Tables**

Section reference	Weight (Kg/m)	Total Working U.D.L. (kN)	Working Loads										Ultimate U.D.L. in kN/Span				
			Allowable loading in kN/m <sup>2</sup>										Deflection Span	Gravity Load	Uplift - metal cladding		
			Purlin Centres in millimetres												Number of anti sag rods		
1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	0	1	2				
DP-SP235/65/150	4.81	19.91	3.32	2.84	2.49	2.21	1.99	1.81	1.66	1.53	1.42	19.91	34.54	23.42	31.95	34.54	
DP-SP235/65/180	5.78	23.82	3.97	3.40	2.98	2.65	2.38	2.17	1.98	1.83	1.70	23.82	48.65	32.12	42.78	48.65	
DP-SP235/65/200	6.42	26.38	4.40	3.77	3.30	2.93	2.64	2.40	2.20	2.03	1.88	26.38	57.92	37.86	49.81	57.92	
DP-SP265/65/150	5.16	26.54	4.42	3.79	3.32	2.95	2.65	2.41	2.21	2.04	1.90	26.54	40.82	25.50	35.30	40.82	
DP-SP265/65/180	6.19	31.76	5.29	4.54	3.97	3.53	3.18	2.89	2.65	2.44	2.27	31.76	57.53	34.87	47.09	57.53	
DP-SP265/65/200	6.88	35.19	5.86	5.03	4.40	3.91	3.52	3.20	2.93	2.71	2.51	35.19	68.51	41.03	54.72	68.51	
DP-SP300/65/150	5.56	32.42	5.40	4.63	4.05	3.60	3.24	2.95	2.70	2.49	2.32	35.79	48.62	28.43	39.72	48.62	
DP-SP300/65/180	6.68	42.84	7.14	6.12	5.35	4.76	4.28	3.89	3.57	3.30	3.06	42.84	68.55	38.80	52.84	68.55	
DP-SP300/65/200	7.42	47.48	7.91	6.78	5.94	5.28	4.75	4.32	3.96	3.65	3.39	47.48	81.66	45.63	61.34	81.66	
DP-SP325/65/150	5.85	36.34	6.06	5.19	4.54	4.04	3.63	3.30	3.03	2.80	2.60	43.46	54.50	29.91	42.27	54.50	
DP-SP325/65/180	7.02	51.24	8.54	7.32	6.40	5.69	5.12	4.66	4.27	3.94	3.66	52.03	76.86	40.72	56.05	76.86	
DP-SP325/65/200	7.80	57.68	9.61	8.24	7.21	6.41	5.77	5.24	4.81	4.44	4.12	57.68	91.58	47.83	64.98	91.58	

**ProSigma + sleeved Span Purlins Load Tables Minimum 450 MPA Span = 5.5**

Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-SP145/65/150	3.78	7.13	1.08	0.93	0.81	0.72						7.13	16.33	13.36	16.33	16.33
DP-SP145/65/180	4.53	8.51	1.29	1.11	0.97	0.86	0.77	0.70				8.51	22.96	18.62	22.96	22.96
DP-SP145/65/200	5.03	9.41	1.43	1.22	1.07	0.95	0.86	0.78	0.71			9.41	27.30	22.10	27.30	27.30
DP-SP175/65/150	4.13	9.33	1.41	1.21	1.06	0.94	0.85	0.77	0.71			9.33	21.00	15.38	20.17	21.00
DP-SP175/65/180	4.95	11.15	1.69	1.45	1.27	1.13	1.01	0.92	0.84	0.78	0.72	11.15	29.54	21.34	27.27	29.54
DP-SP175/65/200	5.49	12.34	1.87	1.60	1.40	1.25	1.12	1.02	0.93	0.86	0.80	12.34	35.15	25.28	31.90	35.15
DP-SP205/65/150	4.47	13.55	2.05	1.76	1.54	1.37	1.23	1.12	1.03	0.95	0.88	13.55	26.02	16.91	22.68	26.02
DP-SP205/65/180	5.36	16.19	2.45	2.10	1.84	1.64	1.47	1.34	1.23	1.13	1.05	16.19	36.64	23.34	30.48	36.64
DP-SP205/65/200	5.95	17.93	2.72	2.33	2.04	1.81	1.63	1.48	1.36	1.25	1.16	17.93	43.61	27.59	35.56	43.61
DP-SP235/65/150	4.81	16.46	2.49	2.14	1.87	1.66	1.50	1.36	1.25	1.15	1.07	16.46	31.40	20.06	26.82	31.40
DP-SP235/65/180	5.78	19.68	2.98	2.56	2.24	1.99	1.79	1.63	1.49	1.38	1.28	19.68	44.23	27.71	36.06	44.23
DP-SP235/65/200	6.42	21.80	3.30	2.83	2.48	2.20	1.98	1.80	1.65	1.52	1.42	21.80	52.66	32.76	42.08	52.66
DP-SP265/65/150	5.16	21.94	3.32	2.85	2.49	2.22	1.99	1.81	1.66	1.53	1.42	21.94	37.11	21.78	29.52	37.11
DP-SP265/65/180	6.19	26.25	3.98	3.41	2.98	2.65	2.39	2.17	1.99	1.84	1.70	26.25	52.30	30.00	39.54	52.30
DP-SP265/65/200	6.88	29.08	4.41	3.78	3.30	2.94	2.64	2.40	2.20	2.03	1.89	29.08	62.28	35.41	46.07	62.28
DP-SP300/65/150	5.56	29.47	4.47	3.83	3.35	2.98	2.68	2.44	2.23	2.06	1.91	29.58	44.20	24.24	33.14	44.20
DP-SP300/65/180	6.68	35.40	5.36	4.60	4.02	3.58	3.22	2.93	2.68	2.48	2.30	35.40	62.32	33.33	44.27	62.32
DP-SP300/65/200	7.42	39.24	5.95	5.10	4.46	3.96	3.57	3.24	2.97	2.74	2.55	39.24	74.24	39.32	51.53	73.78
DP-SP325/65/150	5.85	33.03	5.00	4.29	3.75	3.34	3.00	2.73	2.50	2.31	2.14	35.92	49.55	25.45	35.16	49.55
DP-SP325/65/180	7.02	43.00	6.52	5.58	4.89	4.34	3.91	3.55	3.26	3.01	2.79	43.00	69.87	34.90	46.84	68.27
DP-SP325/65/200	7.80	47.67	7.22	6.19	5.42	4.82	4.33	3.94	3.61	3.33	3.10	47.67	83.25	41.13	54.44	78.92

**ProSigma + sleeved Span Purlins Load Tables Minimum 450 MPA Span = 6.0**

Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-SP145/65/150	3.78	5.99	0.83	0.71								5.99	14.97	11.74	14.81	14.97
DP-SP145/65/180	4.53	7.15	0.99	0.85	0.74							7.15	21.05	16.45	20.23	21.05
DP-SP145/65/200	5.03	7.91	1.10	0.94	0.82	0.73						7.91	25.03	19.58	23.78	25.03
DP-SP175/65/150	4.13	7.84	1.09	0.93	0.82	0.73						7.84	19.25	13.47	17.32	19.25
DP-SP175/65/180	4.95	9.37	1.30	1.12	0.98	0.87	0.78	0.71				9.37	27.08	18.80	23.53	27.08
DP-SP175/65/200	5.49	10.37	1.44	1.23	1.08	0.96	0.86	0.79	0.72			10.37	32.22	22.33	27.59	32.22
DP-SP205/65/150	4.47	11.38	1.58	1.36	1.19	1.05	0.95	0.86	0.79	0.73		11.38	23.86	14.75	19.38	23.86
DP-SP205/65/180	5.36	13.61	1.89	1.62	1.42	1.26	1.13	1.03	0.94	0.87	0.81	13.61	33.59	20.48	26.16	33.59
DP-SP205/65/200	5.95	15.07	2.09	1.79	1.57	1.40	1.26	1.14	1.05	0.97	0.90	15.07	39.97	24.28	30.60	39.97
DP-SP235/65/150	4.81	13.83	1.92	1.65	1.44	1.28	1.15	1.05	0.96	0.89	0.82	13.83	28.78	17.51	22.92	28.78
DP-SP235/65/180	5.78	16.54	2.30	1.97	1.72	1.53	1.38	1.25	1.15	1.06	0.98	16.54	40.54	24.34	30.97	40.54
DP-SP235/65/200	6.42	18.32	2.54	2.18	1.91	1.70	1.53	1.39	1.27	1.17	1.09	18.32	48.27	28.85	36.23	48.27
DP-SP265/65/150	5.16	18.43	2.56	2.19	1.92	1.71	1.54	1.40	1.28	1.18	1.10	18.43	34.02	18.96	25.15	34.02
DP-SP265/65/180	6.19	22.05	3.06	2.63	2.30	2.04	1.84	1.67	1.53	1.41	1.31	22.05	47.94	26.28	33.86	47.77
DP-SP265/65/200	6.88	24.44	3.39	2.91	2.55	2.26	2.04	1.85	1.70	1.57	1.45	24.44	57.09	31.12	39.55	55.36
DP-SP300/65/150	5.56	24.86	3.45	2.96	2.59	2.30	2.07	1.88	1.73	1.59	1.48	24.86	40.52	21.08	28.17	40.52
DP-SP300/65/180	6.68	29.75	4.13	3.54	3.10	2.75	2.48	2.25	2.07	1.91	1.77	29.75	57.13	29.17	37.84	53.95
DP-SP300/65/200	7.42	32.97	4.58	3.93	3.43	3.05	2.75	2.50	2.29	2.11	1.96	32.97	68.05	34.51	44.16	62.43
DP-SP325/65/150	5.85	30.18	4.19	3.59	3.14	2.79	2.52	2.29	2.10	1.93	1.80	30.18	45.42	22.08	29.82	43.56
DP-SP325/65/180	7.02	36.13	5.02	4.30	3.76	3.35	3.01	2.74	2.51	2.32	2.15	36.13	64.05	30.49	39.93	57.62
DP-SP325/65/200	7.80	40.06	5.56	4.77	4.17	3.71	3.34	3.03	2.78	2.57	2.38	40.06	76.31	36.04	46.54	66.58

**ProSigma+ (Galv.) - sleeved Span Purlins - Load Tables**

Section reference	Weight (Kg/m)	Total Working U.D.L. (kN)	Working Loads										Deflection Span	Gravity Load	Ultimate U.D.L. in kN/Span		
			Allowable loading in kN/m <sup>2</sup>												0	1	2
			Purlin Centres in millimetres														
			1200	1400	1600	1800	2000	2200	2400	2600	2800						
<b>ProSigma + sleeved Span Purlins Load Tables</b>			<b>Minmun 450 MPA</b>										<b>Span = 6.5</b>				
Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2	
DP-SP145/65/150	3.78	5.10										5.10	13.82	10.47	12.97	13.82	
DP-SP145/65/180	4.53	6.09	0.78									6.09	19.43	14.74	17.79	19.43	
DP-SP145/65/200	5.03	6.74	0.86	0.74								6.74	23.10	17.58	20.97	23.10	
DP-SP175/65/150	4.13	6.68	0.86	0.73								6.68	17.77	11.97	15.10	17.77	
DP-SP175/65/180	4.95	7.98	1.02	0.88	0.77	0.68						7.98	25.00	16.80	20.61	25.00	
DP-SP175/65/200	5.49	8.83	1.13	0.97	0.85	0.76						8.83	29.74	19.99	24.24	29.74	
DP-SP205/65/150	4.47	9.70	1.24	1.07	0.93	0.83	0.75					9.70	22.02	13.06	16.82	22.02	
DP-SP205/65/180	5.36	11.59	1.49	1.27	1.11	0.99	0.89	0.81	0.74	0.69		11.59	31.00	18.24	22.82	31.00	
DP-SP205/65/200	5.95	12.84	1.65	1.41	1.23	1.10	0.99	0.90	0.82	0.76	0.71	12.84	36.90	21.67	26.76	36.43	
DP-SP235/65/150	4.81	11.78	1.51	1.29	1.13	1.01	0.91	0.82	0.76	0.70		11.78	26.57	15.52	19.91	26.57	
DP-SP235/65/180	5.78	14.09	1.81	1.55	1.36	1.20	1.08	0.99	0.90	0.83	0.77	14.09	37.42	21.69	27.03	37.09	
DP-SP235/65/200	6.42	15.61	2.00	1.72	1.50	1.33	1.20	1.09	1.00	0.92	0.86	15.61	44.55	25.77	31.71	43.08	
DP-SP265/65/150	5.16	15.71	2.01	1.73	1.51	1.34	1.21	1.10	1.01	0.93	0.86	15.71	31.40	16.77	21.78	30.86	
DP-SP265/65/180	6.19	18.79	2.41	2.06	1.81	1.61	1.45	1.31	1.20	1.11	1.03	18.79	44.25	23.38	29.47	41.06	
DP-SP265/65/200	6.88	20.82	2.67	2.29	2.00	1.78	1.60	1.46	1.33	1.23	1.14	20.82	52.70	27.75	34.52	47.60	
DP-SP300/65/150	5.56	21.18	2.72	2.33	2.04	1.81	1.63	1.48	1.36	1.25	1.16	21.18	37.40	18.62	24.35	34.87	
DP-SP300/65/180	6.68	25.35	3.25	2.79	2.44	2.17	1.95	1.77	1.62	1.50	1.39	25.35	52.73	25.92	32.89	46.25	
DP-SP300/65/200	7.42	28.10	3.60	3.09	2.70	2.40	2.16	1.96	1.80	1.66	1.54	28.10	62.82	30.74	38.48	53.55	
DP-SP325/65/150	5.85	25.72	3.30	2.83	2.47	2.20	1.98	1.80	1.65	1.52	1.41	25.72	41.93	19.47	25.72	37.27	
DP-SP325/65/180	7.02	30.79	3.95	3.38	2.96	2.63	2.37	2.15	1.97	1.82	1.69	30.79	59.12	27.05	34.63	49.27	
DP-SP325/65/200	7.80	34.13	4.38	3.75	3.28	2.92	2.63	2.39	2.19	2.02	1.88	34.13	70.44	32.05	40.48	56.97	

<b>ProSigma + sleeved Span Purlins Load Tables</b>			<b>Minimun 450 MPA</b>										<b>Span = 7.0</b>				
Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2	
DP-SP145/65/150	3.78	4.40										4.40	12.83	9.44	11.50	12.83	
DP-SP145/65/180	4.53	5.25										5.25	18.04	13.35	15.85	18.04	
DP-SP145/65/200	5.03	5.81	0.69									5.81	21.45	15.95	18.73	21.45	
DP-SP175/65/150	4.13	5.76	0.69									5.76	16.50	10.77	13.34	16.50	
DP-SP175/65/180	4.95	6.88	0.82	0.70								6.88	23.21	15.18	18.30	23.21	
DP-SP175/65/200	5.49	7.62	0.91	0.78	0.68							7.62	27.62	18.10	21.57	27.62	
DP-SP205/65/150	4.47	8.36	1.00	0.85	0.75							8.36	20.45	11.71	14.80	20.45	
DP-SP205/65/180	5.36	10.00	1.19	1.02	0.89	0.79	0.71					10.00	28.79	16.43	20.18	27.36	
DP-SP205/65/200	5.95	11.07	1.32	1.13	0.99	0.88	0.79	0.72				11.07	34.26	19.57	23.72	31.81	
DP-SP235/65/150	4.81	10.16	1.21	1.04	0.91	0.81	0.73					10.16	24.67	13.93	17.52	24.20	
DP-SP235/65/180	5.78	12.15	1.45	1.24	1.08	0.96	0.87	0.79	0.72			12.15	34.75	19.56	23.92	32.35	
DP-SP235/65/200	6.42	13.46	1.60	1.37	1.20	1.07	0.96	0.87	0.80	0.74	0.69	13.46	41.37	23.29	28.13	37.61	
DP-SP265/65/150	5.16	13.54	1.61	1.38	1.21	1.07	0.97	0.88	0.81	0.74	0.69	13.54	29.16	15.02	19.12	26.82	
DP-SP265/65/180	6.19	16.20	1.93	1.65	1.45	1.29	1.16	1.05	0.96	0.89	0.83	16.20	41.09	21.05	26.02	35.70	
DP-SP265/65/200	6.88	17.95	2.14	1.83	1.60	1.42	1.28	1.17	1.07	0.99	0.92	17.95	48.94	25.03	30.55	41.43	
DP-SP300/65/150	5.56	18.26	2.17	1.86	1.63	1.45	1.30	1.19	1.09	1.00	0.93	18.26	34.73	16.66	21.35	30.23	
DP-SP300/65/180	6.68	21.86	2.60	2.23	1.95	1.73	1.56	1.42	1.30	1.20	1.12	21.86	48.97	23.31	28.99	40.14	
DP-SP300/65/200	7.42	24.22	2.88	2.47	2.16	1.92	1.73	1.57	1.44	1.33	1.24	24.22	58.33	27.71	34.01	46.52	
DP-SP325/65/150	5.85	22.17	2.64	2.26	1.98	1.76	1.58	1.44	1.32	1.22	1.13	22.17	38.93	17.40	22.50	32.24	
DP-SP325/65/180	7.02	26.55	3.16	2.71	2.37	2.11	1.90	1.72	1.58	1.46	1.35	26.55	54.90	24.29	30.47	42.66	
DP-SP325/65/200	7.80	29.43	3.50	3.00	2.63	2.34	2.10	1.91	1.75	1.62	1.50	29.43	65.41	28.85	35.71	49.38	

<b>ProSigma + sleeved Span Purlins Load Tables</b>			<b>Minmun 450 MPA</b>										<b>Span = 7.5</b>				
Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2	
DP-SP145/65/150	3.78	3.83										3.83	11.98	8.60	10.31	11.98	
DP-SP145/65/180	4.53	4.58										4.58	16.84	12.20	14.28	16.84	
DP-SP145/65/200	5.03	5.06										5.06	20.02	14.60	16.90	20.02	
DP-SP175/65/150	4.13	5.02										5.02	15.40	9.79	11.92	15.40	
DP-SP175/65/180	4.95	5.99										5.99	21.67	13.85	16.43	21.46	
DP-SP175/65/200	5.49	6.64	0.74									6.64	25.78	16.54	19.41	25.04	
DP-SP205/65/150	4.47	7.29	0.81	0.69								7.29	19.08	10.61	13.17	18.02	
DP-SP205/65/180	5.36	8.71	0.97	0.83	0.73							8.71	26.87	14.96	18.05	24.12	

**ProSigma+ (Galv.) - sleeved Span Purlins - Load Tables**

Section reference	Weight (Kg/m)	Total Working U.D.L. (kN)	Working Loads										Deflection Span	Gravity Load	Ultimate U.D.L. in kN/Span		
			Allowable loading in kN/m <sup>2</sup>												Uplift - metal cladding		
			Purlin Centres in millimetres												Number of anti sag rods		
			1200	1400	1600	1800	2000	2200	2400	2600	2800			0	1	2	
DP-SP205/65/200	5.95	9.64	1.07	0.92	0.80	0.71						9.64	31.98	17.84	21.27	28.08	
DP-SP235/65/150	4.81	8.85	0.98	0.84	0.74							8.85	23.03	12.63	15.61	21.30	
DP-SP235/65/180	5.78	10.58	1.18	1.01	0.88	0.78	0.71					10.58	32.43	17.81	21.42	28.52	
DP-SP235/65/200	6.42	11.72	1.30	1.12	0.98	0.87	0.78	0.71				11.72	38.61	21.24	25.24	33.21	
DP-SP265/65/150	5.16	11.80	1.31	1.12	0.98	0.87	0.79	0.71				11.80	27.22	13.60	17.00	23.54	
DP-SP265/65/180	6.19	14.11	1.57	1.34	1.18	1.05	0.94	0.86	0.78	0.72		14.11	38.35	19.14	23.24	31.39	
DP-SP265/65/200	6.88	15.64	1.74	1.49	1.30	1.16	1.04	0.95	0.87	0.80	0.74	15.64	45.67	22.80	27.36	36.48	
DP-SP300/65/150	5.56	15.91	1.77	1.51	1.33	1.18	1.06	0.96	0.88	0.82	0.76	15.91	32.42	15.07	18.95	26.48	
DP-SP300/65/180	6.68	19.04	2.12	1.81	1.59	1.41	1.27	1.15	1.06	0.98	0.91	19.04	45.70	21.18	25.87	35.23	
DP-SP300/65/200	7.42	21.10	2.34	2.01	1.76	1.56	1.41	1.28	1.17	1.08	1.00	21.10	54.44	25.23	30.42	40.89	
DP-SP325/65/150	5.85	19.32	2.15	1.84	1.61	1.43	1.29	1.17	1.07	0.99	0.92	19.32	36.34	15.72	19.94	28.18	
DP-SP325/65/180	7.02	23.13	2.57	2.20	1.93	1.71	1.54	1.40	1.28	1.19	1.10	23.13	51.24	22.05	27.15	37.37	
DP-SP325/65/200	7.80	25.64	2.85	2.44	2.14	1.90	1.71	1.55	1.42	1.31	1.22	25.64	61.05	26.24	31.89	43.32	

**Prosigma + sleeved Span Purlins Load Tables Minmun 450 MPA Span = 8.0**

Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-SP145/65/150	3.78	3.37										3.37	11.23	7.89	9.33	11.23
DP-SP145/65/180	4.53	4.02										4.02	15.79	11.24	12.98	15.79
DP-SP145/65/200	5.03	4.45										4.45	18.77	13.46	15.39	18.77
DP-SP175/65/150	4.13	4.41										4.41	14.44	8.97	10.76	14.20
DP-SP175/65/180	4.95	5.27										5.27	20.31	12.73	14.90	19.17
DP-SP175/65/200	5.49	5.83										5.83	24.16	15.23	17.63	22.41
DP-SP205/65/150	4.47	6.40										6.40	17.89	9.70	11.85	16.00
DP-SP205/65/180	5.36	7.65	0.80	0.68								7.65	25.19	13.73	16.31	21.47
DP-SP205/65/200	5.95	8.48	0.88	0.76								8.48	29.98	16.40	19.26	25.03
DP-SP235/65/150	4.81	7.78	0.81	0.69								7.78	21.59	11.56	14.05	18.91
DP-SP235/65/180	5.78	9.30	0.97	0.83	0.73							9.30	30.41	16.35	19.36	25.39
DP-SP235/65/200	6.42	10.30	1.07	0.92	0.81	0.72						10.30	36.20	19.54	22.87	29.61
DP-SP265/65/150	5.16	10.37	1.08	0.93	0.81	0.72						10.37	25.51	12.43	15.27	20.85
DP-SP265/65/180	6.19	12.41	1.29	1.11	0.97	0.86	0.78	0.70				12.41	35.96	17.55	20.98	27.88
DP-SP265/65/200	6.88	13.74	1.43	1.23	1.07	0.95	0.86	0.78	0.72			13.74	42.82	20.95	24.74	32.45
DP-SP300/65/150	5.56	13.98	1.46	1.25	1.09	0.97	0.87	0.79	0.73			13.98	30.39	13.76	17.00	23.41
DP-SP300/65/180	6.68	16.73	1.74	1.49	1.31	1.16	1.05	0.95	0.87	0.80	0.75	16.73	42.84	19.41	23.32	31.23
DP-SP300/65/200	7.42	18.55	1.93	1.66	1.45	1.29	1.16	1.05	0.97	0.89	0.83	18.55	51.04	23.16	27.49	36.32
DP-SP325/65/150	5.85	16.98	1.77	1.52	1.33	1.18	1.06	0.96	0.88	0.82	0.76	16.98	34.06	14.33	17.86	24.87
DP-SP325/65/180	7.02	20.33	2.12	1.81	1.59	1.41	1.27	1.15	1.06	0.98	0.91	20.33	48.04	20.19	24.44	33.07
DP-SP325/65/200	7.80	22.53	2.35	2.01	1.76	1.56	1.41	1.28	1.17	1.08	1.01	22.53	57.24	24.06	28.77	38.41

**Prosigma + sleeved Span Purlins Load Tables Minmun 450 MPA Span = 8.5**

Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2
DP-SP145/65/150	3.78	2.98										2.98	10.57	7.30	8.52	10.57
DP-SP145/65/180	4.53	3.56										3.56	14.86	10.42	11.89	14.81
DP-SP145/65/200	5.03	3.94										3.94	17.67	12.50	14.13	17.38
DP-SP175/65/150	4.13	3.91										3.91	13.59	8.28	9.79	12.76
DP-SP175/65/180	4.95	4.67										4.67	19.12	11.79	13.61	17.27
DP-SP175/65/200	5.49	5.17										5.17	22.74	14.12	16.14	20.23
DP-SP205/65/150	4.47	5.67										5.67	16.84	8.94	10.75	14.32
DP-SP205/65/180	5.36	6.78										6.78	23.71	12.68	14.87	19.27
DP-SP205/65/200	5.95	7.51	0.74									7.51	28.22	15.17	17.59	22.51
DP-SP235/65/150	4.81	6.89										6.89	20.32	10.65	12.76	16.94
DP-SP235/65/180	5.78	8.24	0.81	0.69								8.24	28.62	15.12	17.66	22.81
DP-SP235/65/200	6.42	9.13	0.89	0.77								9.13	34.07	18.09	20.90	26.64
DP-SP265/65/150	5.16	9.18	0.90	0.77								9.18	24.01	11.44	13.84	18.62
DP-SP265/65/180	6.19	10.99	1.08	0.92	0.81	0.72						10.99	33.84	16.21	19.10	24.98
DP-SP265/65/200	6.88	12.18	1.19	1.02	0.90	0.80	0.72					12.18	40.30	19.37	22.57	29.13
DP-SP300/65/150	5.56	12.38	1.21	1.04	0.91	0.81	0.73					12.38	28.60	12.66	15.40	20.89
DP-SP300/65/180	6.68	14.82	1.45	1.25	1.09	0.97	0.87	0.79	0.73			14.82	40.32	17.92	21.22	27.95
DP-SP300/65/200	7.42	16.43	1.61	1.38	1.21	1.07	0.97	0.88	0.81	0.74	0.69	16.43	48.04	21.41	25.05	32.56
DP-SP325/65/150	5.85	15.04	1.47	1.26	1.11	0.98	0.88	0.80	0.74	0.68		15.04	32.06	13.17	16.15	22.14
DP-SP325/65/180	7.02	18.00	1.77	1.51	1.32	1.18	1.06	0.96	0.88	0.81	0.76	18.00	45.21	18.62	22.20	29.55

**ProSigma+ (Galv.) - sleeved Span Purlins - Load Tables**

Section reference	Weight (Kg/m)	Total Working U.D.L. (kN)	Working Loads										Deflection Span	Gravity Load	Ultimate U.D.L. in kN/Span		
			Allowable loading in kN/m <sup>2</sup>												Uplift - metal cladding		
			Purlin Centres in millimetres												Number of anti sag rods		
			1200	1400	1600	1800	2000	2200	2400	2600	2800			0	1	2	
DP-SP325/65/200	7.80	19.96	1.96	1.68	1.47	1.30	1.17	1.07	0.98	0.90	0.84	19.96	53.87	22.23	26.19	34.37	

ProSigma + sleeved Span Purlins Load Tables			Minmun 450 MPA										Span = 9.0				
Section Reference	Weight	U.D.L.	1200	1400	1600	1800	2000	2200	2400	2600	2800	Defl.	Gravity	0	1	2	
DP-SP145/65/150	3.78	2.66										2.66	9.98	6.79	7.83	9.87	
DP-SP145/65/180	4.53	3.18										3.18	14.03	9.71	10.97	13.48	
DP-SP145/65/200	5.03	3.52										3.52	16.68	11.66	13.05	15.85	
DP-SP175/65/150	4.13	3.48										3.48	12.83	7.69	8.98	11.55	
DP-SP175/65/180	4.95	4.16										4.16	18.06	10.98	12.53	15.68	
DP-SP175/65/200	5.49	4.61										4.61	21.48	13.16	14.89	18.39	
DP-SP205/65/150	4.47	5.06										5.06	15.90	8.29	9.83	12.92	
DP-SP205/65/180	5.36	6.05										6.05	22.39	11.79	13.65	17.44	
DP-SP205/65/200	5.95	6.70										6.70	26.65	14.12	16.18	20.40	
DP-SP235/65/150	4.81	6.15										6.15	19.19	9.88	11.67	15.28	
DP-SP235/65/180	5.78	7.35	0.68									7.35	27.03	14.07	16.23	20.65	
DP-SP235/65/200	6.42	8.14	0.75									8.14	32.18	16.84	19.23	24.16	
DP-SP265/65/150	5.16	8.19	0.76									8.19	22.68	10.60	12.64	16.77	
DP-SP265/65/180	6.19	9.80	0.91	0.78	0.68							9.80	31.96	15.07	17.52	22.57	
DP-SP265/65/200	6.88	10.86	1.01	0.86	0.75							10.86	38.06	18.03	20.75	26.37	
DP-SP300/65/150	5.56	11.05	1.02	0.88	0.77	0.68						11.05	27.01	11.72	14.05	18.78	
DP-SP300/65/180	6.68	13.22	1.22	1.05	0.92	0.82	0.73					13.22	38.08	16.65	19.45	25.23	
DP-SP300/65/200	7.42	14.65	1.36	1.16	1.02	0.90	0.81	0.74				14.65	45.37	19.91	23.01	29.44	
DP-SP325/65/150	5.85	13.41	1.24	1.06	0.93	0.83	0.75					13.41	30.28	12.19	14.72	19.88	
DP-SP325/65/180	7.02	16.06	1.49	1.27	1.12	0.99	0.89	0.81	0.74	0.69		16.06	42.70	17.28	20.33	26.62	
DP-SP325/65/200	7.80	17.80	1.65	1.41	1.24	1.10	0.99	0.90	0.82	0.76	0.71	17.80	50.88	20.66	24.03	31.03	