

Swaged Type Steel Tubular Poles

As Per IS:2713/80

Designation	Overall Length (m)	Planting Depth (m)	Load Applied from Top (m)	Height above ground (m)	Length of Sections			Outside diameter and Thickness of sections			Approx Weight of Pole Kg	Breaking Load N(Kgf)	Crippling Load N(Kgf)	Working Load		Load for Permanent Set not Exceeding 13 mm N(Kgf)	Load for Temporary Deflection of 157.5 mm N(Kgf)
					Bottom h3 (m)	Middle h2 (m)	Top h1 (m)	Bottom (m)	Middle (m)	Top (m)				Col 14 2 N(Kgf)	Col 13 2.5 N(Kgf)		
540-SP-49	11.00	1.80	0.60	9.20	5.60	2.70	2.70	139.7 x 4.50	114.3 x 4.50	88.9 x 3.25	140	3920 (400)	2790 (284)	1390 (142)	1570 (160)	1900 (194)	412 (42)
540-SP-50	11.00	1.80	0.60	9.20	5.60	2.70	2.70	139.7 x 4.85	114.3 x 4.50	88.9 x 3.25	147	4200 (428)	2980 (304)	1490 (152)	1680 (171)	2040 (208)	431 (44)
540-SP-51	11.00	1.80	0.60	9.20	5.60	2.70	2.70	139.7 x 5.40	114.3 x 4.50	88.9 x 3.25	164	4620 (471)	3280 (334)	1640 (167)	1840 (188)	2250 (229)	480 (49)
540-SP-52	11.00	1.80	0.60	9.20	5.60	2.70	2.70	165.1 x 4.50	139.7 x 4.50	114.3 x 3.65	175	5560 (567)	3950 (403)	1970 (201)	2230 (227)	2710 (276)	726 (74)
540-SP-53	11.00	1.80	0.60	9.20	5.60	2.70	2.70	165.1 x 4.85	139.7 x 4.50	114.3 x 3.65	183	5960 (608)	4240 (432)	2120 (216)	2380 (243)	2890 (295)	765 (78)
540-SP-54	11.00	1.80	0.60	9.20	5.60	2.70	2.70	165.1 x 5.40	139.7 x 4.50	114.3 x 3.65	194	6590 (672)	4680 (477)	2340 (239)	2640 (269)	2310 (327)	814 (83)
540-SP-55	11.00	1.80	0.60	9.20	5.60	2.70	2.70	193.7 X 4.85	165.1 x 4.50	139.7 x 4.50	227	8340 (851)	5920 (604)	2960 (302)	3330 (340)	4060 (414)	1270 (130)
540-SP-56	11.00	1.80	0.60	9.20	5.60	2.70	2.70	193.7 X 5.40	165.1 x 4.50	139.7 x 4.50	241	9160 (934)	6500 (663)	3260 (332)	3670 (374)	4450 (454)	1370 (140)
540-SP-57	11.00	1.80	0.60	9.20	5.60	2.70	2.70	193.7 X 5.90	165.1 x 4.50	139.7 x 4.50	256	9970 (1017)	7080 (722)	3540 (361)	3990 (407)	4840 (494)	1470 (150)
540-SP-58	12.00	2.00	0.60	10.00	5.80	3.10	3.10	165.1 x 4.50	139.7 x 4.50	114.3 x 3.65	186	5090 (519)	3610 (368)	1800 (184)	2040 (208)	2470 (252)	539 (55)
540-SP-59	12.00	2.00	0.60	10.00	5.80	3.10	3.10	165.1 x 4.85	139.7 x 4.50	114.3 x 3.65	197	5450 (556)	3870 (395)	1930 (197)	2180 (222)	2650 (270)	569 (58)
540-SP-60	12.00	2.00	0.60	10.00	5.80	3.10	3.10	165.1 x 5.40	139.7 x 4.50	139.7 x 4.50	208	6020 (614)	4280 (436)	2140 (218)	2410 (246)	2920 (298)	598 (61)
540-SP-61	12.00	2.00	0.60	10.00	5.80	3.10	3.10	193.7 X 4.85	165.1 x 4.50	139.7 x 4.50	245	7630 (778)	5410 (552)	2710 (276)	3050 (311)	3710 (378)	951 (97)
540-SP-62	12.00	2.00	0.60	10.00	5.80	3.10	3.10	193.7 X 5.40	165.1 x 4.50	139.7 x 4.50	259	8370 (854)	5940 (606)	2970 (303)	3350 (342)	4070 (415)	1010 (103)
540-SP-63	12.00	2.00	0.60	10.00	5.80	3.10	3.10	193.7 X 5.90	165.1 x 4.50	139.7 x 4.50	277	9120 (930)	6470 (660)	3240 (330)	3650 (372)	4430 (452)	1090 (111)
540-SP-64	12.00	2.00	0.60	10.00	5.80	3.10	3.10	219.1 x 4.85	193.7 X 4.85	165.1 x 4.50	292	9820 (1001)	6970 (711)	3480 (355)	3920 (400)	4770 (486)	1460 (149)
540-SP-65	12.00	2.00	0.60	10.00	5.80	3.10	3.10	219.1 x 5.60	193.7 X 4.85	165.1 x 4.50	313	11200 (1141)	7940 (810)	3970 (405)	4470 (456)	5440 (555)	1610 (164)
540-SP-66	12.00	2.00	0.60	10.00	5.80	3.10	3.10	219.1 x 5.90	193.7 X 4.85	165.1 x 4.50	322	11800 (1199)	8340 (851)	4180 (426)	4710 (480)	5720 (583)	1660 (169)
540-SP-67	13.00	2.00	0.60	11.00	5.80	3.60	3.60	193.7 X 4.85	165.1 x 4.50	139.7 x 4.50	261	6890 (703)	4890 (499)	2450 (250)	2760 (281)	3350 (342)	677 (69)
540-SP-68	13.00	2.00	0.60	11.00	5.80	3.60	3.60	193.7 X 5.40	165.1 x 4.85	139.7 x 4.50	281	7570 (772)	5370 (548)	2690 (274)	3030 (309)	3680 (375)	735 (75)
540-SP-69	13.00	2.00	0.60	11.00	5.80	3.60	3.60	193.7 X 5.90	165.1 x 5.40	139.7 x 4.50	302	8250 (841)	5850 (597)	2930 (299)	3300 (336)	4010 (409)	794 (81)
540-SP-70	13.00	2.00	0.60	11.00	5.80	3.60	3.60	219.1 x 4.85	193.7 X 4.85	165.1 x 4.50	312	8870 (904)	6300 (642)	3150 (321)	3550 (362)	4310 (439)	1060 (108)
540-SP-71	13.00	2.00	0.60	11.00	5.80	3.60	3.60	219.1 x 5.60	193.7 X 4.85	165.1 x 4.50	333	10100 (1031)	7180 (732)	3590 (366)	4040 (412)	4910 (501)	1160 (118)
540-SP-72	13.00	2.00	0.60	11.00	5.80	3.60	3.60	219.1 x 5.90	193.7 X 4.85	165.1 x 4.50	343	10600 (1084)	7550 (770)	3780 (385)	4260 (434)	5170 (527)	1190 (121)
540-SP-73	14.50	2.00	0.60	12.50	6.50	4.00	4.00	193.7 X 5.40	165.1 x 4.85	139.7 x 4.50	312	6620 (675)	4700 (479)	2350 (240)	2650 (270)	3220 (328)	500 (51)
540-SP-74	14.50	2.00	0.60	12.50	6.50	4.00	4.00	193.7 X 5.90	165.1 x 5.40	139.7 x 4.50	336	7210 (735)	5120 (522)	2560 (261)	2880 (294)	3500 (357)	539 (55)
540-SP-75	14.50	2.00	0.60	12.50	6.50	4.00	4.00	219.1 x 5.60	193.7 X 4.85	165.1 x 4.50	370	8840 (901)	6280 (640)	3140 (320)	3530 (360)	4300 (438)	775 (79)
540-SP-76	14.50	2.00	0.60	12.50	6.50	4.00	4.00	219.1 x 5.90	193.7 X 4.85	165.1 x 4.50	380	9290 (947)	6590 (672)	3300 (336)	3720 (379)	4510 (460)	794 (81)
540-SP-77	16.00	2.30	0.60	13.70	7.00	4.50	4.50	193.7 X 5.40	165.1 x 4.85	139.7 x 4.50	341	6010 (613)	4270 (435)	2140 (218)	2400 (245)	2920 (298)	363 (37)
540-SP-78	16.00	2.30	0.60	13.70	7.00	4.50	4.50	193.7 X 5.90	165.1 x 5.40	139.7 x 4.50	367	6550 (668)	4650 (474)	2320 (237)	2620 (267)	3190 (325)	392 (40)
540-SP-79	16.00	2.30	0.60	13.70	7.00	4.50	4.50	219.1 x 5.60	193.7 X 4.85	165.1 x 4.50	405	8030 (819)	5700 (581)	2850 (291)	3200 (328)	3900 (398)	569 (58)
540-SP-80	16.00	2.30	0.60	13.70	7.00	4.50	4.50	219.1 x 5.90	193.7 X 4.85	165.1 x 4.50	416	8440 (861)	5990 (611)	3000 (306)	3370 (344)	4100 (418)	588 (60)