

TUBULAR RANGE: BS EN40, PD6547

HEIGHT REF	8M			10M			12M		
	SJCS - light	SJES - medium	SKGS - heavy	SJES - light	SKGS - medium	SKJA - heavy	SKGS - light	SKGA(1900) - medium	SKJA - heavy
KINGFISHER REFERENCE	8CT89**	8CTM114**	8CTH140**	10CT114**	10CTH140**	10CTH168**	12CT140	12CTHB140	12CTHB168
DRG No.	CC4834	CC4835	CC4836	CC4837	CC4838	CC4839	CC4840	CC4841	CC4842
UNITS									
COLUMN CROSS SECTION TYPE	Tub	Tub	Tub	Tub	Tub	Tub	Tub	Tub	Tub
BASE ϕ mm	168.3	168.3	193.7	168.3	193.7	193.7	193.7	193.7	193.7
SHAFT ϕ mm	88.9	114.3	139.7	114.3	139.7	168.3	139.7	139.7	168.3
DOOR APERTURE - L x W mm	600 x 115	600 x 115	600 x 115	600 x 115	600 x 115	600 x 115	600 x 115	600 x 115	600 x 115
DOOR APERTURE - DEPTH mm	90	90	120	90	120	120	120	120	120
PLANTED DEPTH (if req'd) m	1.2	1.2	1.2	1.5	1.5	1.5	1.7	1.7	1.7
F/PLATE(if req'd) - DIMENSION mm	420 x 420 x 20	420 x 420 x 20	420 x 420 x 20	420 x 420 x 20	420 x 420 x 20	420 x 420 x 30	420 x 420 x 20	420 x 420 x 20	420 x 420 x 30
A/BOLT - CENTRES / P.C.D mm	300/424	300/424	300/424	300/424	300/424	300/424	300/424	300/424	300/424
A/BOLT - QTY x ϕ x L mm	4 x M24 x 820	4 x M24 x 820	4 x M24 x 820	4 x M24 x 820	4 x M24 x 820	4 x M24 x 820	4 x M24 x 820	4 x M24 x 820	4 x M24 x 820
P/ROOT COLUMN WEIGHT Kg	87	105	127	128	154	207	183	189	246
F/PLATED COLUMN WEIGHT Kg	91	108	126	127	160	212	173	180	248
MAX WEIGHT / WINDAGE AREA IN WIND LOADING REGIONS:-									
Ex. LIGHT Kg/m ²	40 / 0.42	90 / 0.91	200 / 1.53	50 / 0.46	100 / 0.98	200 / 2.15	50 / 0.62	80 / 0.68	160 / 1.45
LIGHT Kg/m ²	35 / 0.36	75 / 0.82	190 / 1.37	45 / 0.40	90 / 0.90	200 / 1.87	50 / 0.55	80 / 0.60	140 / 1.28
MEDIUM Kg/m ²	35 / 0.32	75 / 0.75	170 / 1.30	45 / 0.36	90 / 0.82	200 / 1.70	50 / 0.51	80 / 0.56	120 / 1.19
HEAVY Kg/m ²	30 / 0.30	70 / 0.69	170 / 1.20	45 / 0.32	80 / 0.78	160 / 1.6	50 / 0.48	70 / 0.53	120 / 1.05
Ex. HEAVY Kg/m ²	30 / 0.21	60 / 0.56	130 / 1.00	40 / 0.25	70 / 0.61	150 / 1.23	40 / 0.34	60 / 0.39	90 / 0.80
MAX DESIGN O/T.MOM. @ G.L KNm	9.74	15.42	22.9	15.06	22.77	41.19	22.47	24.63	40.45
TOTAL MAX DESIGN SHEAR LOAD KN	1.5	2.38	3.3	2.19	2.68	4.63	2.6	2.78	4.05
FOUNDATION SIZE (F/P COLUMN) (GROUND PRESSURE: 200 KN/m ²)	0.5 sq x 0.8 depth	0.7 sq x 1.2 depth	0.6 sq x 1.1 depth	0.6 sq x 1.0 depth	0.8 sq x 1.1 depth	1.2 sq x 1.2 depth	0.7 sq x 1.1 depth	0.7 sq x 1.2 depth	1.2 sq x 1.2 depth
TENSILE LOAD PER ANCHOR BOLT KN	22.96	36.35	53.98	35.50	53.67	97.09	52.96	58.05	95.34
FOUNDATION ϕ (P/R COULUMN) (GROUND PRESSURE: 230 KN/m ²)	ϕ 0.339 x 1.2 depth (PD 6547)	ϕ 0.536 x 1.2 depth (PD 6547)	ϕ 0.797 x 1.2 depth (PD 6547)	ϕ 0.268 x 1.5 depth (PD 6547)	ϕ 0.406 x 1.5 depth (PD 6547)	ϕ 0.734 x 1.5 depth (PD 6547)	ϕ 0.273 x 1.7 depth (PD 6547)	ϕ 0.30 x 1.7 depth (PD 6547)	ϕ 0.492 x 1.7 depth (PD 6547)

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Issued By
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Current Revision
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