

## Loadings For Different Baluster Options

### Circular Hollow Section (CHS)

Post Size	33.7 x 4 CHS	42.4 x 4 CHS	48.3 x 5 CHS	60.3 x 5 CHS	76.1 x 5 CHS
Load 0.74 KN/m	0.6m	1.05m	2m	*	*
Load 1.5 KN/m	*	0.5m	0.8m	1.4m	2.3m
Load 3 KN/m	*	*	0.4m	0.7m	1.15m

### Flat bar

Post Size	50 x 10 Flat	50 x 12 Flat	50 x 15 Flat	50 x 20 Flat	50 x 25 Flat
Load 0.74 KN/m	0.9m	1.25m	1.5m	2.0m	*
Load 1.5KN/m	*	0.6m	0.75m	1.0m	1.2m
Load 3 KN/m	*	*	*	0.5m	0.6m

### Square Hollow Section (SHS)

Post Size	30 x 30 x 3.2 SHS	40 x 40 x 4 SHS	50 x 50 x 4 SHS	60 x 60 x 4 SHS
Load 0.74 KN/m	0.6m	1.5m	2.5m	3m
Load 1.5KN/m	*	0.7m	1.2m	1.8m
Load 3 KN/m	*	*	0.6m	0.9m

### Rectangular Hollow Section (RHS)

Post Size	50 x 30 x 3.2 RHS	60 x 40 x 4 RHS	80 x 40 x 3.2 RHS	90 x 50 x 3.6 RHS
Load 0.74 KN/m	1.4m	2.2m	*	*
Load 1.5KN/m	0.7m	1.3m	1.7m	2.5m
Load 3 KN/m	*	0.65m	0.85m	1.3m