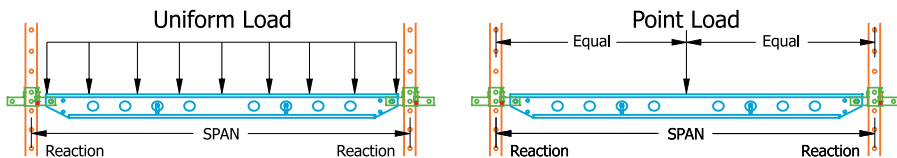


S-Beam

S-Beam

Engineering Details TABLA S - Beam



Maximum Allowable Moment = 33.2 Kip Inch = 3.75 kN/m
 Maximum Reaction Coupler Mk 1 = 1225 lbs = 556 kg = 5450 N
 Maximum Reaction Coupler Mk 2 = 1800 lbs = 817 kg = 7964 N

Allowable Loads For Coupler Mark 1

| Imperial | Maximum Point Load | | Maximum Uniform Load | |
|----------|--------------------|---|----------------------|---|
| 4'-0" | 2450 lbs | R | 612 lbs / foot | R |
| 6'-0" | 1844 lbs | M | 408 lbs / foot | R |
| 8'-0" | 1383 lbs | M | 308 lbs / foot | R |

Allowable Loads For Coupler Mark 2

| Imperial | Maximum Point Load | | Maximum Uniform Load | |
|----------|--------------------|---|----------------------|---|
| 4'-0" | 2766 lbs | M | 1383 lbs / foot | M |
| 6'-0" | 1844 lbs | M | 600 lbs / foot | R |
| 8'-0" | 1383 lbs | M | 450 lbs / foot | R |

| Metric | Maximum Point Load | | Maximum Uniform Load | |
|--------|--------------------|---|----------------------|---|
| 1200 | 1112 kg/10.90 kN | R | 927 kg / Metre | R |
| 1800 | 837 kg/8.20 kN | M | 618 kg / Metre | R |
| 2400 | 628 kg/6.16 kN | M | 463 kg / Metre | R |

| Metric | Maximum Point Load | | Maximum Uniform Load | |
|--------|--------------------|---|----------------------|---|
| 1200 | 1255 kg/12.30 kN | M | 1360 kg / Metre | M |
| 1800 | 837 kg/8.20 kN | M | 907 kg / Metre | R |
| 2400 | 628 kg/6.16 kN | M | 680 kg / Metre | R |

R = Reaction Governs M = Moment Governs

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Construction Systems

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S-Beam

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SCALE NTS

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