

LOUVRE SPAN

| Profile | Kg/m ² | Horizontal Reduction Factor X | Vertical Reduction Factor X | Distance Between Supports (mm) | | | | | | | | | | | | | | | |
|---------------|-------------------|-------------------------------|-----------------------------|--------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| | | | | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 | 2800 | 3000 | 3200 | 3400 | 3600 | 3800 | | |
| SS203/43 | 8 | 0.65 | 0.75 | 2.5 | 2.0 | 1.5 | 1.0 | 0.75 | 0.5 | - | - | - | - | - | - | - | - | | |
| SS203/54 | 9 | 0.65 | 0.75 | 2.5 | 2.0 | 1.5 | 1.0 | 0.75 | 0.5 | - | - | - | - | - | - | - | - | | |
| SS203/60 | 9 | 0.65 | 0.75 | 4.0 | 3.0 | 2.0 | 1.5 | 1.25 | 0.75 | 0.5 | 0.5 | - | - | - | - | - | - | | |
| SS203/80 | 12 | 0.65 | 0.75 | 7.5 | 5.0 | 3.0 | 2.5 | 1.75 | 1.25 | 1.0 | 0.75 | 0.5 | 0.5 | - | - | - | - | | |
| SS323/60 | 13 | 0.65 | 0.75 | 7.5+ | 7.5 | 5.0 | 3.0 | 2.5 | 2.0 | 1.5 | 1.25 | 1.0 | 0.75 | 0.5 | 0.5 | - | - | | |
| SS323/60/100° | 13 | 1.0 | 1.0 | 3.0+ | 2.5 | 2.0 | 1.5 | 1.25 | 0.75 | 0.5 | 0.5 | - | - | - | - | - | - | | |
| SS323/60/160° | 13 | 0.65 | 0.65 | 7.5+ | 7.5 | 5.0 | 4.0 | 3.0 | 2.5 | 1.75 | 1.5 | 1.25 | 1.0 | 0.75 | 0.5 | - | - | | |
| SS323/80 | 14 | 0.65 | 0.75 | 7.5+ | 7.5+ | 7.5 | 5.0 | 4.0 | 3.0 | 2.0 | 1.75 | 1.5 | 1.25 | 0.75 | 0.75 | 0.5 | - | | |
| SS403/60 | 14 | 0.65 | 0.75 | 7.5+ | 7.5 | 5.0 | 4.0 | 3.0 | 2.5 | 1.75 | 1.5 | 1.0 | 0.75 | 0.75 | 0.5 | 0.5 | - | | |
| SC203/60 | 13 | 0.85 | 0.85 | 5.0 | 3.0 | 2.5 | 1.75 | 1.25 | 0.75 | 0.75 | 0.5 | - | - | - | - | - | - | | |
| SC323/60 | 17 | 0.85 | 0.85 | 7.5 | 7.5 | 5.0 | 3.5 | 2.5 | 1.75 | 1.5 | 1.0 | 0.75 | 0.75 | - | - | - | - | | |
| SC403/60 | 19 | 0.85 | 0.85 | 7.5+ | 7.5+ | 7.5 | 5.0 | 5.0 | 3.5 | 3.0 | 2.25 | 1.75 | 1.5 | 1.25 | 1.0 | 0.5 | 0.5 | | |

GRATING SPAN

| Profile | Kg/m ² | Reduction Factor X | Distance Between Supports (mm) | | | | | | | | | | | | | | | |
|------------|-------------------|--------------------|--------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | 750 | 900 | 1050 | 1200 | 1350 | 1500 | 1800 | 2000 | 2200 | 2400 | 2600 | 2800 | 3000 | 3200 | 3400 | 3600 |
| HA205 | 11 | 0.6 | 7.0 | 4.0 | 2.5 | 1.5 | 1.0 | 0.5 | - | - | - | - | - | - | - | - | - | - |
| HA253 | 9 | 0.6 | 7.5 | 5.0 | 3.0 | 1.5 | 1.0 | 0.5 | - | - | - | - | - | - | - | - | - | - |
| HA255 | 13 | 0.6 | 7.5+ | 7.5 | 5.0 | 2.5 | 1.5 | 1.5 | 0.5 | 0.5 | - | - | - | - | - | - | - | - |
| HA323 | 11 | 0.6 | 7.5+ | 7.5 | 5.0 | 4.0 | 2.5 | 1.5 | 1.0 | 0.5 | 0.5 | - | - | - | - | - | - | - |
| HA325 | 17 | 0.6 | 7.5+ | 7.5+ | 7.5+ | 7.5 | 5.0 | 3.0 | 1.5 | 1.5 | 1.0 | 0.5 | 0.5 | - | - | - | - | - |
| HA403 | 13 | 0.6 | 7.5+ | 7.5+ | 7.5+ | 7.5 | 5.0 | 4.0 | 2.0 | 1.5 | 1.0 | 0.5 | 0.5 | 0.5 | - | - | - | - |
| HA405 | 20 | 0.6 | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5 | 5.0 | 4.0 | 2.5 | 2.0 | 1.5 | 1.0 | 0.5 | 0.5 | 0.5 | - | - |
| HATS40203S | 19 | 1.0 | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 5.0 | 4.0 | 2.5 | 2.0 | 1.5 | 1.0 | 1.0 | 0.5 | 0.5 | 0.5 | - |
| HA453 | 14 | 0.6 | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5 | 5.0 | 3.0 | 2.5 | 1.5 | 1.0 | 1.0 | 0.5 | 0.5 | 0.5 | - | - |
| HA455 | 23 | 0.6 | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5 | 5.0 | 4.0 | 3.0 | 2.0 | 1.5 | 1.0 | 1.0 | 0.5 | 0.5 | 0.5 |
| HA503 | 16 | 0.6 | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5 | 5.0 | 3.0 | 2.5 | 1.5 | 1.0 | 1.0 | 0.5 | 0.5 | 0.5 | - |
| HA505 | 25 | 0.6 | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5 | 5.0 | 4.0 | 3.0 | 2.5 | 2.0 | 1.5 | 1.0 | 1.0 | 0.5 | 0.5 |
| HA553 | 17 | 0.6 | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5 | 5.0 | 4.0 | 3.0 | 2.5 | 2.0 | 1.5 | 1.0 | 0.5 | 0.5 | 0.5 |
| HA555 | 27 | 0.6 | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5 | 5.0 | 4.0 | 3.0 | 2.5 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 0.5 |
| HA603 | 19 | 0.6 | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5 | 5.0 | 4.0 | 3.0 | 2.5 | 1.5 | 1.5 | 1.0 | 1.0 | 0.75 | 0.5 |
| HA605 | 30 | 0.6 | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5 | 5.0 | 5.0 | 4.0 | 3.0 | 2.5 | 2.0 | 1.75 | 1.5 | 1.25 | 1.25 |
| HA653 | 20 | 0.6 | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5 | 5.0 | 4.0 | 3.0 | 2.5 | 2.0 | 1.5 | 1.0 | 1.0 | 1.0 | 0.5 |
| HA655 | 32 | 0.6 | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5 | 5.0 | 4.0 | 3.0 | 2.5 | 2.0 | 1.5 | 1.0 | 1.0 | 0.5 | 0.5 |
| HA753 | 23 | 0.6 | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5 | 5.0 | 4.0 | 3.0 | 2.5 | 2.0 | 1.5 | 1.0 | 1.0 | 0.5 | 0.5 |
| HA755 | 37 | 0.6 | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5+ | 7.5 | 5.0 | 4.0 | 3.0 | 2.5 | 2.0 | 1.5 | 1.0 | 1.0 | 0.5 | 0.5 |

Figures within tables are load pressures in kPa.
 1 kPa = 102kg/m² uniformly distributed load.

Spans to the left of line (shaded in yellow) have a self-weight deflection of less than 1:1000
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