

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	3800
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+	7.5	5.0	4.0	3.0	2.5	2.0	1.5	1.0	1.0	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+	7.5	5.0	4.0	3.0	2.5	2.0	1.5	1.0	1.0	0.5	
HA603	19	0.6	7.5+	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	
HA605	30	0.6	7.5+	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	
HA653	20	0.6	7.5+	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	
HA655	32	0.6	7.5+	7.5+	7.5+	7.5+	7.5+	7.5+	7.5+	7.5+	7.0	5.0	4.0	3.5	3.0	2.5	2.0	1.5	
HA753	23	0.6	7.5+	7.5+	7.5+	7.5+	7.5+	7.5+	7.5+	7.5+	7.0	5.0	4.0	3.0	2.5	2.0	1.7	1.5	
HA755	37	0.6	7.5+	7.5+	7.5+	7.5+	7.5+	7.5+	7.5+	7.5+	7.5+	7.5+	6.0	5.0	4.0	4.0	3.0	2.5	

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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