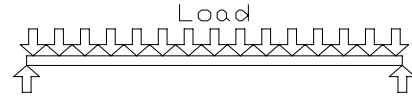




EWS Building Systems
 Headway Road
 Wolverhampton
 WV10 6PZ

Tel. 01902 623333
 Fax: 01902 623300
 Website:
www.ewsproducts.com

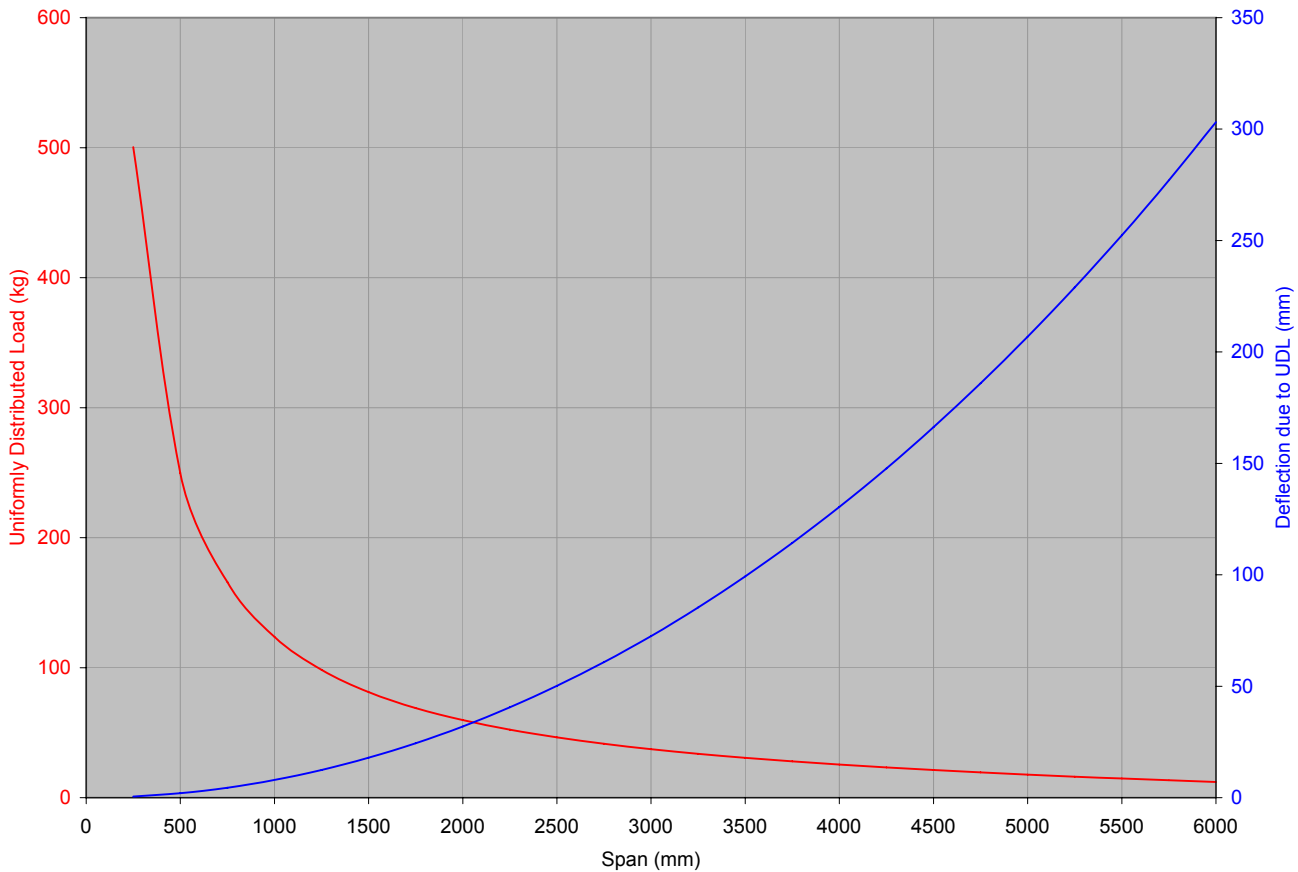
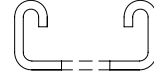
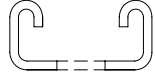
Loading Conditions:



grouphomesafe▲

41x21 Heavy Gauge Slotted (Mass 1.67kg/m)

Beam Span (mm)	Ultimate Loading		Limit Def. Span/200		Limit Def. Span/360	
	Total Applied Load (kg)	Total Def. (mm)	Applied UDL (kg)	Total Def. (mm)	Applied UDL (kg)	Total Def. (mm)
250	500.4	0.5				
500	249.7	2.0			174.3	1.4
750	165.8	4.5	138.9	3.8	76.6	2.1
1000	123.7	8.0	77.2	5.0	42.1	2.8
1250	98.3	12.4	48.4	6.3	25.9	3.5
1500	81.3	17.9	32.5	7.5	17.0	4.2
1750	69.0	24.4	22.8	8.8	11.4	4.9
2000	59.7	32.0	16.4	10.0	7.6	5.6
2250	52.4	40.5	11.8	11.3	4.9	6.3
2500	46.4	50.2	8.4	12.5	2.8	6.9
2750	41.5	60.8	5.8	13.8	1.2	7.6
3000	37.3	72.5	3.7	15.0		
3250	33.8	85.4	2.0	16.3		
3500	30.6	99.3	0.6	17.5		
3750	27.9	114.3				
4000	25.4	130.5				
4250	23.2	147.8				
4500	21.2	166.3				
4750	19.4	185.9				
5000	17.7	206.8				
5250	16.2	229.0				
5500	14.7	252.4				
5750	13.4	277.1				
6000	12.1	303.1				



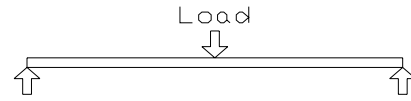
Load, Span & Deflection Graph



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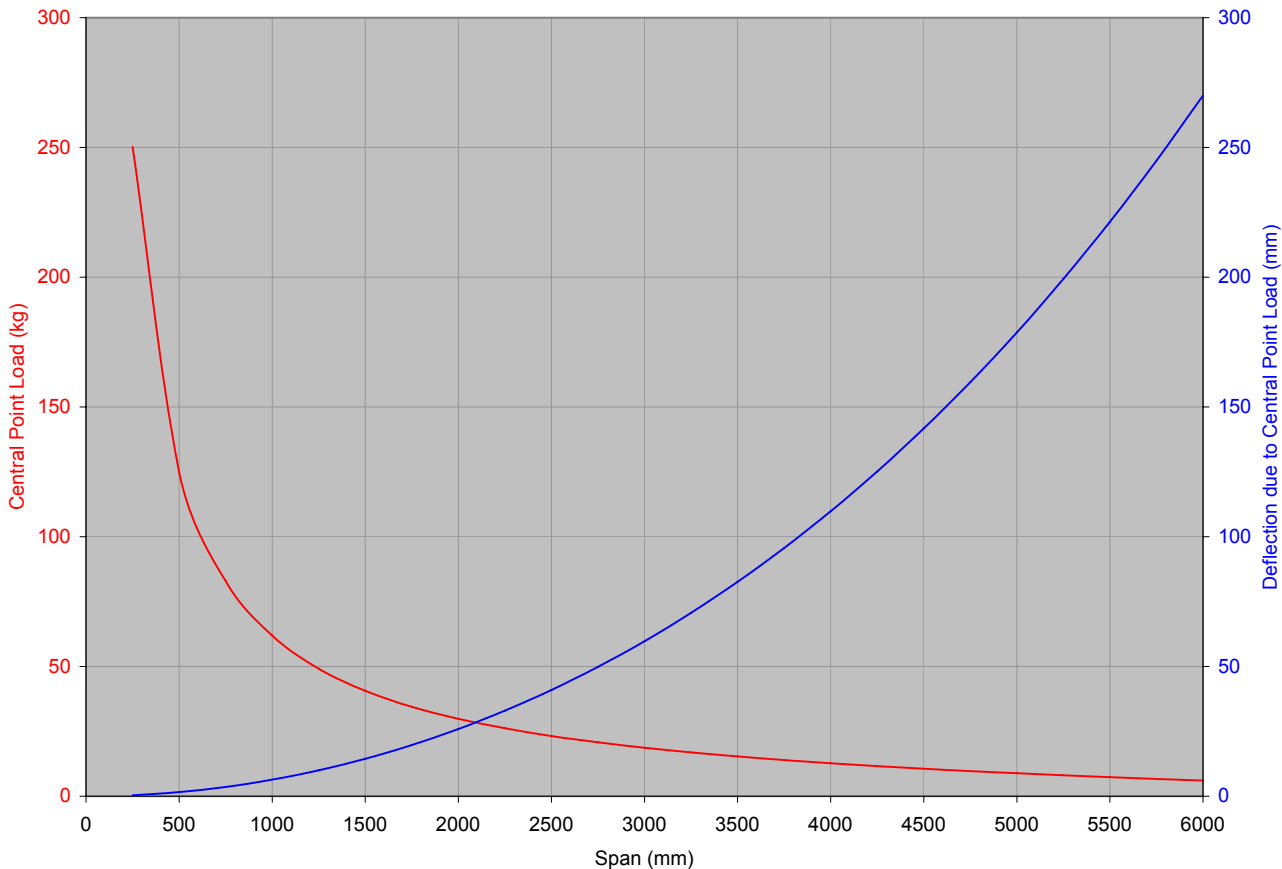
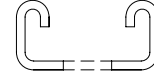
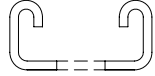
Loading Conditions:



grouphomesafe▲

41x21 Heavy Gauge Slotted (Mass 1.67kg/m)

Beam Span (mm)	Ultimate Loading		Limit Def. Span/200		Limit Def. Span/360	
	Central Pt Load (kg)	Total Def. (mm)	Central Pt Load (kg)	Total Def. (mm)	Central Pt Load (kg)	Total Def. (mm)
250	250.2	0.4				
500	124.8	1.6			109.0	1.4
750	82.9	3.6			47.9	2.1
1000	61.9	6.4	48.2	5.0	26.3	2.8
1250	49.2	10.0	30.2	6.3	16.2	3.5
1500	40.6	14.5	20.3	7.5	10.6	4.2
1750	34.5	19.8	14.3	8.8	7.1	4.9
2000	29.8	25.9	10.2	10.0	4.8	5.6
2250	26.2	33.0	7.4	11.3	3.1	6.3
2500	23.2	41.0	5.3	12.5	1.8	6.9
2750	20.8	49.9	3.6	13.8	0.7	7.6
3000	18.7	59.8	2.3	15.0		
3250	16.9	70.7	1.3	16.3		
3500	15.3	82.6	0.4	17.5		
3750	13.9	95.6				
4000	12.7	109.8				
4250	11.6	125.1				
4500	10.6	141.7				
4750	9.7	159.6				
5000	8.9	178.7				
5250	8.1	199.3				
5500	7.4	221.3				
5750	6.7	244.9				
6000	6.0	270.0				



Load, Span & Deflection Graph