

CONTINUOUS BEAM MOMENT*

	TYPE	SIZE OF MAIN BARS	Weight lbs per Sq. Ft.	I in ⁴ per Foot	Sec. Modulus In ³ per Foot		Maximum Allowable Grating Span in Inches		
					ST	SB	H10	H15	H20
					ASTM A-36 STEEL				
	RWL-16A	3-1/2 x 1/4	17.16	2.870	1.980	1.400	27.71	26.38	26.96
	RWL-16B	3-1/2 x 5/16	18.68	3.391	2.269	1.691	32.60	30.41	30.57
	RWL-16C	3-1/2 x 3/8	20.18	3.889	2.546	1.972	37.39	34.36	34.09
	RWL-18A	4 x 1/4	18.15	4.285	2.583	1.830	34.70	32.18	32.18
	RWL-18B	4 x 5/16	19.91	5.061	2.957	2.211	41.10	37.47	36.09
	RWL-18C	4 x 3/8	21.63	5.804	3.317	2.580	47.37	42.63	41.51
	RWL-20A	4-1/2 x 1/4	19.15	6.090	3.248	2.320	42.64	38.79	38.11
	RWL-20B	4-1/2 x 5/16	21.14	7.193	3.719	2.803	50.76	45.50	44.11
	RWL-20C	4-1/2 x 3/8	23.09	8.246	4.171	3.269	58.69	52.02	49.94
	RWL-22A	5 x 1/4	20.14	8.330	3.974	2.869	51.54	46.19	44.76
	RWL-22B	5 x 5/16	22.37	9.834	4.550	3.464	61.55	54.45	52.15
	RWL-22C	5 x 3/8	24.55	11.277	5.106	4.039	71.34	62.52	59.35
ASTM A-588 STEEL									
	RWL-16A	3-1/2 x 1/4	17.16	2.870	1.980	1.400	35.66	32.99	32.90
	RWL-16B	3-1/2 x 5/16	18.68	3.391	2.269	1.691	42.26	38.44	37.77
	RWL-16C	3-1/2 x 3/8	20.18	3.889	2.546	1.972	48.72	43.76	42.52
	RWL-18A	4 x 1/4	18.15	4.285	2.583	1.830	45.09	40.83	39.94
	RWL-18B	4 x 5/16	19.91	5.061	2.957	2.211	53.73	47.96	46.32
	RWL-18C	4 x 3/8	21.63	5.804	3.317	2.580	62.20	54.93	52.55
	RWL-20A	4-1/2 x 1/4	19.15	6.090	3.248	2.320	55.81	49.74	47.95
	RWL-20B	4-1/2 x 5/16	21.14	7.193	3.719	2.803	66.78	58.80	56.05
	RWL-20C	4-1/2 x 3/8	23.09	8.246	4.171	3.269	77.48	67.61	63.92
	RWL-22A	5 x 1/4	20.14	8.330	3.974	2.869	67.83	59.73	56.93
	RWL-22B	5 x 5/16	22.37	9.834	4.550	3.464	81.34	70.89	66.91
	RWL-22C	5 x 3/8	24.55	11.277	5.106	4.039	94.57	81.78	76.63

* Must have two or more intermediate support