DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 5.0
Luz (cm) = 800.

Carga Kg/M2	Espaciamiento (cm) 40	50	60	70	80	100	120	150	200	250	300
50	20 .08000 6.0	21 .08400 6.3	23 .09200 6.9	24 .09600 7.2	25 .10000 7.5	27 .10800 8.1	28 .11200 8.4	30 .12000 9.0	33 .12000 9.0	36 .12000 9.0	38 .12000 9.0
75	23 .09200 6.9	24 .09600 7.2	26 .10400 7.8	27 .10800 8.1	28 .11200 8.4	30 .12000 9.0	32 .12000 9.0	35 .12000 9.0	38 .12000 9.0	41 .12000 9.0	44 .12000 9.0
100	25 .10000 7.5	27 .10800 8.1	28 .11200 8.4	30 .12000 9.0	31 .12000 9.0	33 .12000 9.0	36 .12000 9.0	38 .12000 9.0	42 .12000 9.0	45 .12000 9.0	48 .12000 9.0
125	27 .10800 8.1	29 .11600 8.7	30 .12000 9.0	32 .12000 9.0	33 .12000 9.0	36 .12000 9.0	38 .12000 9.0	41 .12000 9.0	45 .12000 9.0	49 .12000 9.0	52 .12000 9.0
150	28 .11200 8.4	30 .12000 9.0	32 .12000 9.0	34 .12000 9.0	36 .12000 9.0	38 .12000 9.0	41 .12000 9.0	44 .12000 9.0	48 .12000 9.0	52 .12000 9.0	55 .12000 9.0
175	30 .12000 9.0	32 .12000 9.0	34 .12000 9.0	36 .12000 9.0	37 .12000 9.0	40 .12000 9.0	43 .12000 9.0	46 .12000 9.0	51 .12000 9.0	54 .12000 9.0	58 .12000 9.0
200	31 .12000 9.0	33 .12000 9.0	36 .12000 9.0	37 .12000 9.0	39 .12000 9.0	42 .12000 9.0	45 .12000 9.0	48 .12000 9.0	53 .12000 9.0	57 .12000 9.0	60 .12000 9.0
225	32 .12000 9.0	35 .12000 9.0	37 .12000 9.0	39 .12000 9.0	41 .12000 9.0	44 .12000 9.0	46 .12000 9.0	50 .12000 9.0	55 .12000 9.0	59 .12000 9.0	63 .12000 9.0
250	33 .12000 9.0	36 .12000 9.0	38 .12000 9.0	40 .12000 9.0	42 .12000 9.0	45 .12000 9.0	48 .12000 9.0	52 .12000 9.0	57 .12000 9.0	61 .12000 9.0	65 .12000 9.0
275	35 .12000 9.0	37 .12000 9.0	39 .12000 9.0	42 .12000 9.0	43 .12000 9.0	47 .12000 9.0	50 .12000 9.0	53 .12000 9.0	59 .12000 9.0	63 .12000 9.0	67 .12000 9.0
300	36 .12000 9.0	38 .12000 9.0	41 .12000 9.0	43 .12000 9.0	45 .12000 9.0	48 .12000 9.0	51 .12000 9.0	55 .12000 9.0	60 .12000 9.0	65 .12000 9.0	69 .12000 9.0
325	36 .12000 9.0	39 .12000 9.0	42 .12000 9.0	44 .12000 9.0	46 .12000 9.0	49 .12000 9.0	52 .12000 9.0	56 .12000 9.0	62 .12000 9.0	67 .12000 9.0	71 .12000 9.0
350	37 .12000 9.0	40 .12000 9.0	43 .12000 9.0	45 .12000 9.0	47 .12000 9.0	51 .12000 9.0	54 .12000 9.0	58 .12000 9.0	64 .12000 9.0	68 .12000 9.0	73 .12000 9.0
375	38 .12000 9.0	41 .12000 9.0	44 .12000 9.0	46 .12000 9.0	48 .12000 9.0	52 .12000 9.0	55 .12000 9.0	59 .12000 9.0	65 .12000 9.0	70 .12000 9.0	74 .12000 9.0
400	39 .12000 9.0	42 .12000 9.0	45 .12000 9.0	47 .12000 9.0	49 .12000 9.0	53 .12000 9.0	56 .12000 9.0	60 .12000 9.0	66 .12000 9.0	72 .12000 9.0	76 .12000 9.0

NOTA: Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 5.0
Luz (cm) = 850.

Espaciamiento (cm)

40	50	60	70	80	100	120	150	200	250	300
21 .08925 6.3	23 .09775 6.9	24 .10200 7.2	25 .10625 7.5	26 .11050 7.8	28 .11900 8.4	30 .12750 9.0	32 .12750 9.0	36 .12750 9.0	38 .12750 9.0	41 .12750 9.0
24 .10200 7.2	26 .11050 7.8	27 .11475 8.1	29 .12325 8.7	30 .12750 9.0	32 .12750 9.0	34 .12750 9.0	37 .12750 9.0	41 .12750 9.0	44 .12750 9.0	46 .12750 9.0
26 .11050 7.8	28 .11900 8.4	30 .12750 9.0	32 .12750 9.0	33 .12750 9.0	36 .12750 9.0	38 .12750 9.0	41 .12750 9.0	45 .12750 9.0	48 .12750 9.0	51 .12750 9.0
28 .11900 8.4	30 .12750 9.0	32 .12750 9.0	34 .12750 9.0	36 .12750 9.0	38 .12750 9.0	41 .12750 9.0	44 .12750 9.0	48 .12750 9.0	52 .12750 9.0	55 .12750 9.0
30 .12750 9.0	32 .12750 9.0	34 .12750 9.0	36 .12750 9.0	38 .12750 9.0	41 .12750 9.0	43 .12750 9.0	46 .12750 9.0	51 .12750 9.0	55 .12750 9.0	58 .12750 9.0
32 .12750 9.0	34 .12750 9.0	36 .12750 9.0	38 .12750 9.0	40 .12750 9.0	43 .12750 9.0	45 .12750 9.0	49 .12750 9.0	54 .12750 9.0	58 .12750 9.0	61 .12750 9.0
33 .12750 9.0	36 .12750 9.0	38 .12750 9.0	40 .12750 9.0	41 .12750 9.0	45 .12750 9.0	47 .12750 9.0	51 .12750 9.0	56 .12750 9.0	60 .12750 9.0	64 .12750 9.0
34 .12750 9.0	37 .12750 9.0	39 .12750 9.0	41 .12750 9.0	43 .12750 9.0	46 .12750 9.0	49 .12750 9.0	53 .12750 9.0	58 .12750 9.0	63 .12750 9.0	67 .12750 9.0
36 .12750 9.0	38 .12750 9.0	41 .12750 9.0	43 .12750 9.0	45 .12750 9.0	48 .12750 9.0	51 .12750 9.0	55 .12750 9.0	60 .12750 9.0	65 .12750 9.0	69 .12750 9.0
37 .12750 9.0	39 .12750 9.0	42 .12750 9.0	44 .12750 9.0	46 .12750 9.0	50 .12750 9.0	53 .12750 9.0	57 .12750 9.0	62 .12750 9.0	67 .12750 9.0	71 .12750 9.0
38 .12750 9.0	41 .12750 9.0	43 .12750 9.0	45 .12750 9.0	47 .12750 9.0	51 .12750 9.0	54 .12750 9.0	58 .12750 9.0	64 .12750 9.0	69 .12750 9.0	73 .12750 9.0
39 .12750 9.0	42 .12750 9.0	44 .12750 9.0	47 .12750 9.0	49 .12750 9.0	52 .12750 9.0	56 .12750 9.0	60 .12750 9.0	66 .12750 9.0	71 .12750 9.0	75 .12750 9.0
40 .12750 9.0	43 .12750 9.0	45 .12750 9.0	48 .12750 9.0	50 .12750 9.0	54 .12750 9.0	57 .12750 9.0	61 .12750 9.0	67 .12750 9.0	73 .12750 9.0	77 .12750 9.0
41 .12750 9.0	44 .12750 9.0	46 .12750 9.0	49 .12750 9.0	51 .12750 9.0	55 .12750 9.0	58 .12750 9.0	63 .12750 9.0	69 .12750 9.0	74 .12750 9.0	79 .12750 9.0
41 .12750 9.0	45 .12750 9.0	47 .12750 9.0	50 .12750 9.0	52 .12750 9.0	56 .12750 9.0	60 .12750 9.0	64 .12750 9.0	71 .12750 9.0	76 .12750 9.0	81 .12750 9.0

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 5.0
Luz (cm) = 900.

Carga (Kg/m2)	Espaciamiento (cm) 40	50	60	70	80	100	120	150	200	250	300
	22 .09900 6.6	24 .10800 7.2	25 .11250 7.5	27 .12150 8.1	28 .12600 8.4	30 .13500 9.0	32 .13500 9.0	34 .13500 9.0	38 .13500 9.0	40 .13500 9.0	43 .13500 9.0
	25 .11250 7.5	27 .12150 8.1	29 .13050 8.7	30 .13500 9.0	32 .13500 9.0	34 .13500 9.0	36 .13500 9.0	39 .13500 9.0	43 .13500 9.0	46 .13500 9.0	49 .13500 9.0
	28 .12600 8.4	30 .13500 9.0	32 .13500 9.0	33 .13500 9.0	35 .13500 9.0	38 .13500 9.0	40 .13500 9.0	43 .13500 9.0	47 .13500 9.0	51 .13500 9.0	54 .13500 9.0
	30 .13500 9.0	32 .13500 9.0	34 .13500 9.0	36 .13500 9.0	38 .13500 9.0	40 .13500 9.0	43 .13500 9.0	46 .13500 9.0	51 .13500 9.0	55 .13500 9.0	58 .13500 9.0
	32 .13500 9.0	34 .13500 9.0	36 .13500 9.0	38 .13500 9.0	40 .13500 9.0	43 .13500 9.0	46 .13500 9.0	49 .13500 9.0	54 .13500 9.0	58 .13500 9.0	62 .13500 9.0
	33 .13500 9.0	36 .13500 9.0	38 .13500 9.0	40 .13500 9.0	42 .13500 9.0	45 .13500 9.0	48 .13500 9.0	52 .13500 9.0	57 .13500 9.0	61 .13500 9.0	65 .13500 9.0
	35 .13500 9.0	38 .13500 9.0	40 .13500 9.0	42 .13500 9.0	44 .13500 9.0	47 .13500 9.0	50 .13500 9.0	54 .13500 9.0	59 .13500 9.0	64 .13500 9.0	68 .13500 9.0
	36 .13500 9.0	39 .13500 9.0	41 .13500 9.0	44 .13500 9.0	46 .13500 9.0	49 .13500 9.0	52 .13500 9.0	56 .13500 9.0	62 .13500 9.0	66 .13500 9.0	71 .13500 9.0
	38 .13500 9.0	40 .13500 9.0	43 .13500 9.0	45 .13500 9.0	47 .13500 9.0	51 .13500 9.0	54 .13500 9.0	58 .13500 9.0	64 .13500 9.0	69 .13500 9.0	73 .13500 9.0
	39 .13500 9.0	42 .13500 9.0	44 .13500 9.0	47 .13500 9.0	49 .13500 9.0	52 .13500 9.0	56 .13500 9.0	60 .13500 9.0	66 .13500 9.0	71 .13500 9.0	75 .13500 9.0
	40 .13500 9.0	43 .13500 9.0	46 .13500 9.0	48 .13500 9.0	50 .13500 9.0	54 .13500 9.0	57 .13500 9.0	62 .13500 9.0	68 .13500 9.0	73 .13500 9.0	78 .13500 9.0
	41 .13500 9.0	44 .13500 9.0	47 .13500 9.0	49 .13500 9.0	51 .13500 9.0	55 .13500 9.0	59 .13500 9.0	63 .13500 9.0	70 .13500 9.0	75 .13500 9.0	80 .13500 9.0
	42 .13500 9.0	45 .13500 9.0	48 .13500 9.0	50 .13500 9.0	53 .13500 9.0	57 .13500 9.0	60 .13500 9.0	65 .13500 9.0	71 .13500 9.0	77 .13500 9.0	82 .13500 9.0
	43 .13500 9.0	46 .13500 9.0	49 .13500 9.0	52 .13500 9.0	54 .13500 9.0	58 .13500 9.0	62 .13500 9.0	66 .13500 9.0	73 .13500 9.0	79 .13500 9.0	84 .13500 9.0
	44 .13500 9.0	47 .13500 9.0	50 .13500 9.0	53 .13500 9.0	55 .13500 9.0	59 .13500 9.0	63 .13500 9.0	68 .13500 9.0	75 .13500 9.0	80 .13500 9.0	85 .13500 9.0

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 6.0
Luz (cm) = 300.

Espaciamiento (cm)										
40	50	60	70	80	100	120	150	200	250	300
9 .01620 3.2	9 .01620 3.2	9 .01620 3.2	9 .01620 3.2	9 .01620 3.2	10 .01800 3.6	10 .01800 3.6	11 .01980 4.0	12 .02160 4.3	13 .02340 4.7	14 .02520 5.0
9 .01620 3.2	9 .01620 3.2	9 .01620 3.2	10 .01800 3.6	10 .01800 3.6	11 .01980 4.0	12 .02160 4.3	13 .02340 4.7	14 .02520 5.0	15 .02700 5.4	16 .02880 5.8
9 .01620 3.2	10 .01800 3.6	10 .01800 3.6	11 .01980 4.0	11 .01980 4.0	12 .02160 4.3	13 .02340 4.7	14 .02520 5.0	15 .02700 5.4	16 .02880 5.8	17 .03060 6.1
10 .01800 3.6	10 .01800 3.6	11 .01980 4.0	12 .02160 4.3	12 .02160 4.3	13 .02340 4.7	14 .02520 5.0	15 .02700 5.4	16 .02880 5.8	18 .03240 6.5	19 .03420 6.8
10 .01800 3.6	11 .01980 4.0	12 .02160 4.3	12 .02160 4.3	13 .02340 4.7	14 .02520 5.0	15 .02700 5.4	16 .02880 5.8	17 .03060 6.1	19 .03420 6.8	20 .03600 7.2
11 .01980 4.0	12 .02160 4.3	12 .02160 4.3	13 .02340 4.7	14 .02520 5.0	15 .02700 5.4	15 .02700 5.4	17 .03060 6.1	18 .03240 6.5	20 .03600 7.2	21 .03780 7.6
11 .01980 4.0	12 .02160 4.3	13 .02340 4.7	14 .02520 5.0	14 .02520 5.0	15 .02700 5.4	16 .02880 5.8	17 .03060 6.1	19 .03420 6.8	20 .03600 7.2	22 .03960 7.9
12 .02160 4.3	13 .02340 4.7	13 .02340 4.7	14 .02520 5.0	15 .02700 5.4	16 .02880 5.8	17 .03060 6.1	18 .03240 6.5	20 .03600 7.2	21 .03780 7.6	22 .03960 7.9
12 .02160 4.3	13 .02340 4.7	14 .02520 5.0	15 .02700 5.4	15 .02700 5.4	16 .02880 5.8	17 .03060 6.1	19 .03420 6.8	20 .03600 7.2	22 .03960 7.9	23 .04140 8.3
13 .02340 4.7	13 .02340 4.7	14 .02520 5.0	15 .02700 5.4	16 .02880 5.8	17 .03060 6.1	18 .03240 6.5	19 .03420 6.8	21 .03780 7.6	23 .04140 8.3	24 .04320 8.6
13 .02340 4.7	14 .02520 5.0	15 .02700 5.4	15 .02700 5.4	16 .02880 5.8	17 .03060 6.1	18 .03240 6.5	20 .03600 7.2	22 .03960 7.9	23 .04140 8.3	25 .04500 9.0
13 .02340 4.7	14 .02520 5.0	15 .02700 5.4	16 .02880 5.8	16 .02880 5.8	18 .03240 6.5	19 .03420 6.8	20 .03600 7.2	22 .03960 7.9	24 .04320 8.6	25 .04500 9.0
14 .02520 5.0	15 .02700 5.4	15 .02700 5.4	16 .02880 5.8	17 .03060 6.1	18 .03240 6.5	19 .03420 6.8	21 .03780 7.6	23 .04140 8.3	24 .04320 8.6	26 .04680 9.4
14 .02520 5.0	15 .02700 5.4	16 .02880 5.8	17 .03060 6.1	17 .03060 6.1	19 .03420 6.8	20 .03600 7.2	21 .03780 7.6	23 .04140 8.3	25 .04500 9.0	27 .04860 9.7
14 .02520 5.0	15 .02700 5.4	16 .02880 5.8	17 .03060 6.1	18 .03240 6.5	19 .03420 6.8	20 .03600 7.2	22 .03960 7.9	24 .04320 8.6	26 .04680 9.4	27 .04860 9.7

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 6.0
Luz (cm) = 350.

Espaciamiento (cm)

40	50	60	70	80	100	120	150	200	250	300
9 .01890 3.2	9 .01890 3.2	10 .02100 3.6	10 .02100 3.6	10 .02100 3.6	11 .02310 4.0	12 .02520 4.3	13 .02730 4.7	14 .02940 5.0	15 .03150 5.4	16 .03360 5.8
10 .02100 3.6	10 .02100 3.6	11 .02310 4.0	11 .02310 4.0	12 .02520 4.3	13 .02730 4.7	14 .02940 5.0	15 .03150 5.4	16 .03360 5.8	17 .03570 6.1	18 .03780 6.5
10 .02100 3.6	11 .02310 4.0	12 .02520 4.3	13 .02730 4.7	13 .02730 4.7	14 .02940 5.0	15 .03150 5.4	16 .03360 5.8	18 .03780 6.5	19 .03990 6.8	20 .04200 7.2
11 .02310 4.0	12 .02520 4.3	13 .02730 4.7	13 .02730 4.7	14 .02940 5.0	15 .03150 5.4	16 .03360 5.8	17 .03570 6.1	19 .03990 6.8	20 .04200 7.2	22 .04620 7.9
12 .02520 4.3	13 .02730 4.7	14 .02940 5.0	14 .02940 5.0	15 .03150 5.4	16 .03360 5.8	17 .03570 6.1	18 .03780 6.5	20 .04200 7.2	22 .04620 7.9	23 .04830 8.3
13 .02730 4.7	13 .02730 4.7	14 .02940 5.0	15 .03150 5.4	16 .03360 5.8	17 .03570 6.1	18 .03780 6.5	19 .03990 6.8	21 .04410 7.6	23 .04830 8.3	24 .05040 8.6
13 .02730 4.7	14 .02940 5.0	15 .03150 5.4	16 .03360 5.8	16 .03360 5.8	18 .03780 6.5	19 .03990 6.8	20 .04200 7.2	22 .04620 7.9	24 .05040 8.6	25 .05250 9.0
14 .02940 5.0	15 .03150 5.4	15 .03150 5.4	16 .03360 5.8	17 .03570 6.1	18 .03780 6.5	19 .03990 6.8	21 .04410 7.6	23 .04830 8.3	25 .05250 9.0	26 .05460 9.4
14 .02940 5.0	15 .03150 5.4	16 .03360 5.8	17 .03570 6.1	18 .03780 6.5	19 .03990 6.8	20 .04200 7.2	22 .04620 7.9	24 .05040 8.6	25 .05250 9.0	27 .05670 9.7
15 .03150 5.4	16 .03360 5.8	17 .03570 6.1	17 .03570 6.1	18 .03780 6.5	20 .04200 7.2	21 .04410 7.6	22 .04620 7.9	24 .05040 8.6	26 .05460 9.4	28 .05880 10.1
15 .03150 5.4	16 .03360 5.8	17 .03570 6.1	18 .03780 6.5	19 .03990 6.8	20 .04200 7.2	21 .04410 7.6	23 .04830 8.3	25 .05250 9.0	27 .05670 9.7	29 .06090 10.4
15 .03150 5.4	16 .03360 5.8	17 .03570 6.1	18 .03780 6.5	19 .03990 6.8	21 .04410 7.6	22 .04620 7.9	24 .05040 8.6	26 .05460 9.4	28 .05880 10.1	29 .06090 10.4
16 .03360 5.8	17 .03570 6.1	18 .03780 6.5	19 .03990 6.8	20 .04200 7.2	21 .04410 7.6	22 .04620 7.9	24 .05040 8.6	26 .05460 9.4	28 .05880 10.1	30 .06300 10.8
16 .03360 5.8	17 .03570 6.1	18 .03780 6.5	19 .03990 6.8	20 .04200 7.2	22 .04620 7.9	23 .04830 8.3	25 .05250 9.0	27 .05670 9.7	29 .06090 10.4	31 .06510 11.2
16 .03360 5.8	18 .03780 6.5	19 .03990 6.8	20 .04200 7.2	20 .04200 7.2	22 .04620 7.9	23 .04830 8.3	25 .05250 9.0	28 .05880 10.1	30 .06300 10.8	32 .06720 11.5

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 6.0
Luz (cm) = 400.

Carga (Kg/m2)	Espaciamiento (cm)										
	40	50	60	70	80	100	120	150	200	250	300
10	10 .02400 3.6	10 .02400 3.6	11 .02640 4.0	11 .02640 4.0	12 .02880 4.3	13 .03120 4.7	14 .03360 5.0	15 .03600 5.4	16 .03840 5.8	17 .04080 6.1	18 .04320 6.5
11	11 .02640 4.0	12 .02880 4.3	12 .02880 4.3	13 .03120 4.7	14 .03360 5.0	15 .03600 5.4	15 .03600 5.4	17 .04080 6.1	18 .04320 6.5	20 .04800 7.2	21 .05040 7.6
12	12 .02880 4.3	13 .03120 4.7	14 .03360 5.0	14 .03360 5.0	15 .03600 5.4	16 .03840 5.8	17 .04080 6.1	18 .04320 6.5	20 .04800 7.2	22 .05280 7.9	23 .05520 8.3
13	13 .03120 4.7	14 .03360 5.0	15 .03600 5.4	15 .03600 5.4	16 .03840 5.8	17 .04080 6.1	18 .04320 6.5	20 .04800 7.2	22 .05280 7.9	23 .05520 8.3	25 .06000 9.0
14	14 .03360 5.0	15 .03600 5.4	15 .03600 5.4	16 .03840 5.8	17 .04080 6.1	18 .04320 6.5	19 .04560 6.8	21 .05040 7.6	23 .05520 8.3	25 .06000 9.0	26 .06240 9.4
14	14 .03360 5.0	15 .03600 5.4	16 .03840 5.8	17 .04080 6.1	18 .04320 6.5	19 .04560 6.8	20 .04800 7.2	22 .05280 7.9	24 .05760 8.6	26 .06240 9.4	27 .06480 9.7
15	15 .03600 5.4	16 .03840 5.8	17 .04080 6.1	18 .04320 6.5	19 .04560 6.8	20 .04800 7.2	21 .05040 7.6	23 .05520 8.3	25 .06000 9.0	27 .06480 9.7	29 .06960 10.4
15	15 .03600 5.4	17 .04080 6.1	18 .04320 6.5	19 .04560 6.8	19 .04560 6.8	21 .05040 7.6	22 .05280 7.9	24 .05760 8.6	26 .06240 9.4	28 .06720 10.1	30 .07200 10.8
16	16 .03840 5.8	17 .04080 6.1	18 .04320 6.5	19 .04560 6.8	20 .04800 7.2	22 .05280 7.9	23 .05520 8.3	25 .06000 9.0	27 .06480 9.7	29 .06960 10.4	31 .07440 11.2
17	17 .04080 6.1	18 .04320 6.5	19 .04560 6.8	20 .04800 7.2	21 .05040 7.6	22 .05280 7.9	24 .05760 8.6	25 .06000 9.0	28 .06720 10.1	30 .07200 10.8	32 .07680 11.5
17	17 .04080 6.1	18 .04320 6.5	19 .04560 6.8	20 .04800 7.2	21 .05040 7.6	23 .05520 8.3	24 .05760 8.6	26 .06240 9.4	29 .06960 10.4	31 .07440 11.2	33 .07920 11.9
17	17 .04080 6.1	19 .04560 6.8	20 .04800 7.2	21 .05040 7.6	22 .05280 7.9	23 .05520 8.3	25 .06000 9.0	27 .06480 9.7	29 .06960 10.4	32 .07680 11.5	34 .08160 12.2
18	18 .04320 6.5	19 .04560 6.8	20 .04800 7.2	21 .05040 7.6	22 .05280 7.9	24 .05760 8.6	26 .06240 9.4	27 .06480 9.7	30 .07200 10.8	32 .07680 11.5	34 .08160 12.2
18	18 .04320 6.5	20 .04800 7.2	21 .05040 7.6	22 .05280 7.9	23 .05520 8.3	25 .06000 9.0	26 .06240 9.4	28 .06720 10.1	31 .07440 11.2	33 .07920 11.9	35 .08400 12.6
19	19 .04560 6.8	20 .04800 7.2	21 .05040 7.6	22 .05280 7.9	23 .05520 8.3	25 .06000 9.0	27 .06480 9.7	29 .06960 10.4	32 .07680 11.5	34 .08160 12.2	36 .08640 13.0

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 6.0
Luz (cm) = 450.

Espaciamiento (cm)

40	50	60	70	80	100	120	150	200	250	300
11 .02970 4.0	11 .02970 4.0	12 .03240 4.3	13 .03510 4.7	13 .03510 4.7	14 .03780 5.0	15 .04050 5.4	16 .04320 5.8	18 .04860 6.5	19 .05130 6.8	20 .05400 7.2
12 .03240 4.3	13 .03510 4.7	14 .03780 5.0	15 .04050 5.4	15 .04050 5.4	16 .04320 5.8	17 .04590 6.1	19 .05130 6.8	20 .05400 7.2	22 .05940 7.9	23 .06210 8.3
13 .03510 4.7	14 .03780 5.0	15 .04050 5.4	16 .04320 5.8	17 .04590 6.1	18 .04860 6.5	19 .05130 6.8	20 .05400 7.2	22 .05940 7.9	24 .06480 8.6	26 .07020 9.4
14 .03780 5.0	15 .04050 5.4	16 .04320 5.8	17 .04590 6.1	18 .04860 6.5	19 .05130 6.8	20 .05400 7.2	22 .05940 7.9	24 .06480 8.6	26 .07020 9.4	28 .07560 10.1
15 .04050 5.4	16 .04320 5.8	17 .04590 6.1	18 .04860 6.5	19 .05130 6.8	20 .05400 7.2	22 .05940 7.9	23 .06210 8.3	26 .07020 9.4	28 .07560 10.1	29 .07830 10.4
16 .04320 5.8	17 .04590 6.1	18 .04860 6.5	19 .05130 6.8	20 .05400 7.2	22 .05940 7.9	23 .06210 8.3	25 .06750 9.0	27 .07290 9.7	29 .07830 10.4	31 .08370 11.2
17 .04590 6.1	18 .04860 6.5	19 .05130 6.8	20 .05400 7.2	21 .05670 7.6	22 .05940 7.9	24 .06480 8.6	26 .07020 9.4	28 .07560 10.1	30 .08100 10.8	32 .08640 11.5
17 .04590 6.1	19 .05130 6.8	20 .05400 7.2	21 .05670 7.6	22 .05940 7.9	23 .06210 8.3	25 .06750 9.0	27 .07290 9.7	29 .07830 10.4	32 .08640 11.5	33 .08910 11.9
18 .04860 6.5	19 .05130 6.8	20 .05400 7.2	22 .05940 7.9	22 .05940 7.9	24 .06480 8.6	26 .07020 9.4	28 .07560 10.1	30 .08100 10.8	33 .08910 11.9	35 .09450 12.6
19 .05130 6.8	20 .05400 7.2	21 .05670 7.6	22 .05940 7.9	23 .06210 8.3	25 .06750 9.0	26 .07020 9.4	28 .07560 10.1	31 .08370 11.2	34 .09180 12.2	36 .09720 13.0
19 .05130 6.8	20 .05400 7.2	22 .05940 7.9	23 .06210 8.3	24 .06480 8.6	26 .07020 9.4	27 .07290 9.7	29 .07830 10.4	32 .08640 11.5	35 .09450 12.6	37 .09450 12.6
20 .05400 7.2	21 .05670 7.6	22 .05940 7.9	23 .06210 8.3	24 .06480 8.6	26 .07020 9.4	28 .07560 10.1	30 .08100 10.8	33 .08910 11.9	36 .09720 13.0	38 .09720 13.0
20 .05400 7.2	22 .05940 7.9	23 .06210 8.3	24 .06480 8.6	25 .06750 9.0	27 .07290 9.7	29 .07830 10.4	31 .08370 11.2	34 .09180 12.2	36 .09720 13.0	39 .09720 13.0
20 .05400 7.2	22 .05940 7.9	23 .06210 8.3	25 .06750 9.0	26 .07020 9.4	28 .07560 10.1	29 .07830 10.4	32 .08640 11.5	35 .09450 12.6	37 .09450 12.6	40 .09450 12.6
21 .05670 7.6	22 .05940 7.9	24 .06480 8.6	25 .06750 9.0	26 .07020 9.4	28 .07560 10.1	30 .08100 10.8	32 .08640 11.5	35 .09450 12.6	38 .09450 12.6	40 .09450 12.6

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 6.0
Luz (cm) = 500.

Espaciamiento (cm)										
40	50	60	70	80	100	120	150	200	250	300
12 .03600 4.3	13 .03900 4.7	13 .03900 4.7	14 .04200 5.0	15 .04500 5.4	16 .04800 5.8	17 .05100 6.1	18 .05400 6.5	20 .06000 7.2	21 .06300 7.6	23 .06900 8.3
13 .03900 4.7	14 .04200 5.0	15 .04500 5.4	16 .04800 5.8	17 .05100 6.1	18 .05400 6.5	19 .05700 6.8	21 .06300 7.6	23 .06900 8.3	24 .07200 8.6	26 .07800 9.4
15 .04500 5.4	16 .04800 5.8	17 .05100 6.1	18 .05400 6.5	18 .05400 6.5	20 .06000 7.2	21 .06300 7.6	23 .06900 8.3	25 .07500 9.0	27 .08100 9.7	28 .08400 10.1
16 .04800 5.8	17 .05100 6.1	18 .05400 6.5	19 .05700 6.8	20 .06000 7.2	21 .06300 7.6	23 .06900 8.3	24 .07200 8.6	27 .08100 9.7	29 .08700 10.4	31 .09300 11.2
17 .05100 6.1	18 .05400 6.5	19 .05700 6.8	20 .06000 7.2	21 .06300 7.6	23 .06900 8.3	24 .07200 8.6	26 .07800 9.4	28 .08400 10.1	31 .09300 11.2	33 .09900 11.9
18 .05400 6.5	19 .05700 6.8	20 .06000 7.2	21 .06300 7.6	22 .06600 7.9	24 .07200 8.6	25 .07500 9.0	27 .08100 9.7	30 .09000 10.8	32 .09600 11.5	34 .10200 12.2
18 .05400 6.5	20 .06000 7.2	21 .06300 7.6	22 .06600 7.9	23 .06900 8.3	25 .07500 9.0	26 .07800 9.4	28 .08400 10.1	31 .09300 11.2	34 .10200 12.2	36 .10800 13.0
19 .05700 6.8	21 .06300 7.6	22 .06600 7.9	23 .06900 8.3	24 .07200 8.6	26 .07800 9.4	27 .08100 9.7	30 .09000 10.8	33 .09900 11.9	35 .10500 12.6	37 .10500 12.6
20 .06000 7.2	21 .06300 7.6	23 .06900 8.3	24 .07200 8.6	25 .07500 9.0	27 .08100 9.7	28 .08400 10.1	31 .09300 11.2	34 .10200 12.2	36 .10800 13.0	38 .10800 13.0
21 .06300 7.6	22 .06600 7.9	23 .06900 8.3	25 .07500 9.0	26 .07800 9.4	28 .08400 10.1	29 .08700 10.4	32 .09600 11.5	35 .10500 12.6	37 .10500 12.6	40 .10500 12.6
21 .06300 7.6	23 .06900 8.3	24 .07200 8.6	25 .07500 9.0	26 .07800 9.4	28 .08400 10.1	30 .09000 10.8	33 .09900 11.9	36 .10800 13.0	38 .10800 13.0	41 .10800 13.0
22 .06600 7.9	23 .06900 8.3	25 .07500 9.0	26 .07800 9.4	27 .08100 9.7	29 .08700 10.4	31 .09300 11.2	33 .09900 11.9	37 .09900 11.9	39 .09900 11.9	42 .09900 11.9
22 .06600 7.9	24 .07200 8.6	25 .07500 9.0	27 .08100 9.7	28 .08400 10.1	30 .09000 10.8	32 .09600 11.5	34 .10200 12.2	38 .10200 12.2	40 .10200 12.2	43 .10200 12.2
23 .06900 8.3	24 .07200 8.6	26 .07800 9.4	27 .08100 9.7	28 .08400 10.1	31 .09300 11.2	33 .09900 11.9	35 .10500 12.6	38 .10500 12.6	41 .10500 12.6	44 .10500 12.6
23 .06900 8.3	25 .07500 9.0	26 .07800 9.4	28 .08400 10.1	29 .08700 10.4	31 .09300 11.2	33 .09900 11.9	36 .10800 13.0	39 .10800 13.0	42 .10800 13.0	45 .10800 13.0

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 6.0
Luz (cm) = 550.

Espaciamiento (cm)

40	50	60	70	80	100	120	150	200	250	300
13 .04290 4.7	14 .04620 5.0	15 .04950 5.4	16 .05280 5.8	16 .05280 5.8	17 .05610 6.1	18 .05940 6.5	20 .06600 7.2	22 .07260 7.9	23 .07590 8.3	25 .08250 9.0
15 .04950 5.4	16 .05280 5.8	17 .05610 6.1	18 .05940 6.5	18 .05940 6.5	20 .06600 7.2	21 .06930 7.6	23 .07590 8.3	25 .08250 9.0	27 .08910 9.7	28 .09240 10.1
16 .05280 5.8	17 .05610 6.1	18 .05940 6.5	19 .06270 6.8	20 .06600 7.2	22 .07260 7.9	23 .07590 8.3	25 .08250 9.0	27 .08910 9.7	29 .09570 10.4	31 .10230 11.2
17 .05610 6.1	19 .06270 6.8	20 .06600 7.2	21 .06930 7.6	22 .07260 7.9	23 .07590 8.3	25 .08250 9.0	27 .08910 9.7	29 .09570 10.4	32 .10560 11.5	34 .11220 12.2
18 .05940 6.5	20 .06600 7.2	21 .06930 7.6	22 .07260 7.9	23 .07590 8.3	25 .08250 9.0	26 .08580 9.4	28 .09240 10.1	31 .10230 11.2	34 .11220 12.2	36 .11880 13.0
19 .06270 6.8	21 .06930 7.6	22 .07260 7.9	23 .07590 8.3	24 .07920 8.6	26 .08580 9.4	28 .09240 10.1	30 .09900 10.8	33 .10890 11.9	35 .11550 12.6	38 .11550 12.6
20 .06600 7.2	22 .07260 7.9	23 .07590 8.3	24 .07920 8.6	25 .08250 9.0	27 .08910 9.7	29 .09570 10.4	31 .10230 11.2	34 .11220 12.2	37 .11220 12.2	39 .11220 12.2
21 .06930 7.6	23 .07590 8.3	24 .07920 8.6	25 .08250 9.0	26 .08580 9.4	28 .09240 10.1	30 .09900 10.8	32 .10560 11.5	36 .11880 13.0	38 .11880 13.0	41 .11880 13.0
22 .07260 7.9	23 .07590 8.3	25 .08250 9.0	26 .08580 9.4	27 .08910 9.7	29 .09570 10.4	31 .10230 11.2	34 .11220 12.2	37 .11220 12.2	40 .11220 12.2	42 .11220 12.2
23 .07590 8.3	24 .07920 8.6	26 .08580 9.4	27 .08910 9.7	28 .09240 10.1	30 .09900 10.8	32 .10560 11.5	35 .11550 12.6	38 .11550 12.6	41 .11550 12.6	44 .11550 12.6
23 .07590 8.3	25 .08250 9.0	26 .08580 9.4	28 .09240 10.1	29 .09570 10.4	31 .10230 11.2	33 .10890 11.9	36 .11880 13.0	39 .11880 13.0	42 .11880 13.0	45 .11880 13.0
24 .07920 8.6	26 .08580 9.4	27 .08910 9.7	29 .09570 10.4	30 .09900 10.8	32 .10560 11.5	34 .11220 12.2	37 .11220 12.2	40 .11220 12.2	43 .11220 12.2	46 .11220 12.2
24 .07920 8.6	26 .08580 9.4	28 .09240 10.1	29 .09570 10.4	31 .10230 11.2	33 .10890 11.9	35 .11550 12.6	38 .11550 12.6	41 .11550 12.6	44 .11550 12.6	47 .11550 12.6
25 .08250 9.0	27 .08910 9.7	28 .09240 10.1	30 .09900 10.8	31 .10230 11.2	34 .11220 12.2	36 .11880 13.0	38 .11880 13.0	42 .11880 13.0	45 .11880 13.0	48 .11880 13.0
25 .08250 9.0	27 .08910 9.7	29 .09570 10.4	31 .10230 11.2	32 .10560 11.5	34 .11220 12.2	36 .11880 13.0	39 .11880 13.0	43 .11880 13.0	46 .11880 13.0	49 .11880 13.0

Para cada espaciamiento y carga se presenta :
Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 6.0
Luz (cm) = 600.

Espaciamiento (cm)										
40	50	60	70	80	100	120	150	200	250	300
14 .05040 5.0	15 .05400 5.4	16 .05760 5.8	17 .06120 6.1	18 .06480 6.5	19 .06840 6.8	20 .07200 7.2	22 .07920 7.9	24 .08640 8.6	26 .09360 9.4	27 .09720 9.7
16 .05760 5.8	17 .06120 6.1	18 .06480 6.5	19 .06840 6.8	20 .07200 7.2	22 .07920 7.9	23 .08280 8.3	25 .09000 9.0	27 .09720 9.7	29 .10440 10.4	31 .11160 11.2
18 .06480 6.5	19 .06840 6.8	20 .07200 7.2	21 .07560 7.6	22 .07920 7.9	24 .08640 8.6	25 .09000 9.0	27 .09720 9.7	30 .10800 10.8	32 .11520 11.5	34 .12240 12.2
19 .06840 6.8	20 .07200 7.2	22 .07920 7.9	23 .08280 8.3	24 .08640 8.6	26 .09360 9.4	27 .09720 9.7	29 .10440 10.4	32 .11520 11.5	35 .12600 12.6	37 .12600 12.6
20 .07200 7.2	22 .07920 7.9	23 .08280 8.3	24 .08640 8.6	25 .09000 9.0	27 .09720 9.7	29 .10440 10.4	31 .11160 11.2	34 .12240 12.2	37 .12240 12.2	39 .12240 12.2
21 .07560 7.6	23 .08280 8.3	24 .08640 8.6	25 .09000 9.0	27 .09720 9.7	29 .10440 10.4	30 .10800 10.8	33 .11880 11.9	36 .12960 13.0	39 .12960 13.0	41 .12960 13.0
22 .07920 7.9	24 .08640 8.6	25 .09000 9.0	27 .09720 9.7	28 .10080 10.1	30 .10800 10.8	32 .11520 11.5	34 .12240 12.2	37 .12240 12.2	40 .12240 12.2	43 .12240 12.2
23 .08280 8.3	25 .09000 9.0	26 .09360 9.4	28 .10080 10.1	29 .10440 10.4	31 .11160 11.2	33 .11880 11.9	35 .12600 12.6	39 .12600 12.6	42 .12600 12.6	44 .12600 12.6
24 .08640 8.6	26 .09360 9.4	27 .09720 9.7	29 .10440 10.4	30 .10800 10.8	32 .11520 11.5	34 .12240 12.2	37 .12240 12.2	40 .12240 12.2	43 .12240 12.2	46 .12240 12.2
25 .09000 9.0	26 .09360 9.4	28 .10080 10.1	29 .10440 10.4	31 .11160 11.2	33 .11880 11.9	35 .12600 12.6	38 .12600 12.6	42 .12600 12.6	45 .12600 12.6	48 .12600 12.6
25 .09000 9.0	27 .09720 9.7	29 .10440 10.4	30 .10800 10.8	32 .11520 11.5	34 .12240 12.2	36 .12960 13.0	39 .12960 13.0	43 .12960 13.0	46 .12960 13.0	49 .12960 13.0
26 .09360 9.4	28 .10080 10.1	30 .10800 10.8	31 .11160 11.2	32 .11520 11.5	35 .12600 12.6	37 .12600 12.6	40 .12600 12.6	44 .12600 12.6	47 .12600 12.6	50 .12600 12.6
27 .09720 9.7	29 .10440 10.4	30 .10800 10.8	32 .11520 11.5	33 .11880 11.9	36 .12960 13.0	38 .12960 13.0	41 .12960 13.0	45 .12960 13.0	48 .12960 13.0	51 .12960 13.0
27 .09720 9.7	29 .10440 10.4	31 .11160 11.2	33 .11880 11.9	34 .12240 12.2	37 .12240 12.2	39 .12240 12.2	42 .12240 12.2	46 .12240 12.2	50 .12240 12.2	53 .12240 12.2
28 .10080 10.1	30 .10800 10.8	32 .11520 11.5	33 .11880 11.9	35 .12600 12.6	37 .12600 12.6	40 .12600 12.6	43 .12600 12.6	47 .12600 12.6	51 .12600 12.6	54 .12600 12.6

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 6.0
Luz (cm) = 650.

Espaciamiento (cm)

40	50	60	70	80	100	120	150	200	250	300
15 .05950 5.4	16 .06240 5.8	17 .06630 6.1	18 .07020 6.5	19 .07410 6.8	21 .08190 7.6	22 .08580 7.9	23 .08970 8.3	26 .10140 9.4	28 .10920 10.1	29 .11310 10.4
17 .06630 6.1	19 .07410 6.8	20 .07800 7.2	21 .08190 7.6	22 .08580 7.9	23 .08970 8.3	25 .09750 9.0	27 .10530 9.7	29 .11310 10.4	32 .12480 11.5	34 .13260 12.2
19 .07410 6.8	21 .08190 7.6	22 .08580 7.9	23 .08970 8.3	24 .09360 8.6	26 .10140 9.4	27 .10530 9.7	29 .11310 10.4	32 .12480 11.5	35 .13650 12.6	37 .13650 12.6
21 .08190 7.6	22 .08580 7.9	23 .08970 8.3	25 .09750 9.0	26 .10140 9.4	28 .10920 10.1	29 .11310 10.4	32 .12480 11.5	35 .13650 12.6	37 .13650 12.6	40 .13650 12.6
22 .08580 7.9	23 .08970 8.3	25 .09750 9.0	26 .10140 9.4	27 .10530 9.7	29 .11310 10.4	31 .12090 11.2	34 .13260 12.2	37 .13260 12.2	40 .13260 12.2	42 .13260 12.2
23 .08970 8.3	25 .09750 9.0	26 .10140 9.4	27 .10530 9.7	29 .11310 10.4	31 .12090 11.2	33 .12870 11.9	35 .13650 12.6	39 .13650 12.6	42 .13650 12.6	44 .13650 12.6
24 .09360 8.6	26 .10140 9.4	27 .10530 9.7	29 .11310 10.4	30 .11700 10.8	32 .12480 11.5	34 .13260 12.2	37 .13260 12.2	41 .13260 12.2	44 .13260 12.2	46 .13260 12.2
25 .09750 9.0	27 .10530 9.7	28 .10920 10.1	30 .11700 10.8	31 .12090 11.2	34 .13260 12.2	36 .14040 13.0	38 .14040 13.0	42 .14040 13.0	45 .14040 13.0	48 .14040 13.0
26 .10140 9.4	28 .10920 10.1	29 .11310 10.4	31 .12090 11.2	32 .12480 11.5	35 .13650 12.6	37 .13650 12.6	40 .13650 12.6	44 .13650 12.6	47 .13650 12.6	50 .13650 12.6
27 .10530 9.7	29 .11310 10.4	30 .11700 10.8	32 .12480 11.5	33 .12870 11.9	36 .14040 13.0	38 .14040 13.0	41 .14040 13.0	45 .14040 13.0	48 .14040 13.0	51 .14040 13.0
27 .10530 9.7	29 .11310 10.4	31 .12090 11.2	33 .12870 11.9	34 .13260 12.2	37 .13260 12.2	39 .13260 12.2	42 .13260 12.2	46 .13260 12.2	50 .13260 12.2	53 .13260 12.2
28 .10920 10.1	30 .11700 10.8	32 .12480 11.5	34 .13260 12.2	35 .13650 12.6	38 .13650 12.6	40 .13650 12.6	43 .13650 12.6	48 .13650 12.6	51 .13650 12.6	54 .13650 12.6
29 .11310 10.4	31 .12090 11.2	33 .12870 11.9	34 .13260 12.2	36 .14040 13.0	39 .14040 13.0	41 .14040 13.0	44 .14040 13.0	49 .14040 13.0	52 .14040 13.0	56 .14040 13.0
29 .11310 10.4	32 .12480 11.5	34 .13260 12.2	35 .13650 12.6	37 .13650 12.6	40 .13650 12.6	42 .13650 12.6	45 .13650 12.6	50 .13650 12.6	54 .13650 12.6	57 .13650 12.6
30 .11700 10.8	32 .12480 11.5	34 .13260 12.2	36 .14040 13.0	38 .14040 13.0	41 .14040 13.0	43 .14040 13.0	46 .14040 13.0	51 .14040 13.0	55 .14040 13.0	58 .14040 13.0

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 6.0
Luz (cm) = 700.

Espaciamiento (cm)

40	50	60	70	80	100	120	150	200	250	300
16 .06720 5.8	18 .07560 6.5	19 .07980 6.8	20 .08400 7.2	20 .08400 7.2	22 .09240 7.9	23 .09660 8.3	25 .10500 9.0	28 .11760 10.1	30 .12600 10.8	32 .13440 11.5
19 .07980 6.8	20 .08400 7.2	21 .08820 7.6	22 .09240 7.9	23 .09660 8.3	25 .10500 9.0	27 .11340 9.7	29 .12180 10.4	32 .13440 11.5	34 .14280 12.2	36 .15120 13.0
20 .08400 7.2	22 .09240 7.9	23 .09660 8.3	25 .10500 9.0	26 .10920 9.4	28 .11760 10.1	29 .12180 10.4	32 .13440 11.5	35 .14700 12.6	37 .14700 12.6	40 .14700 12.6
22 .09240 7.9	24 .10080 8.6	25 .10500 9.0	26 .10920 9.4	28 .11760 10.1	30 .12600 10.8	32 .13440 11.5	34 .14280 12.2	37 .14280 12.2	40 .14280 12.2	43 .14280 12.2
23 .09660 8.3	25 .10500 9.0	27 .11340 9.7	28 .11760 10.1	29 .12180 10.4	32 .13440 11.5	34 .14280 12.2	36 .15120 13.0	40 .15120 13.0	43 .15120 13.0	45 .15120 13.0
25 .10500 9.0	26 .10920 9.4	28 .11760 10.1	30 .12600 10.8	31 .13020 11.2	33 .13860 11.9	35 .14700 12.6	38 .14700 12.6	42 .14700 12.6	45 .14700 12.6	48 .14700 12.6
26 .10920 9.4	28 .11760 10.1	29 .12180 10.4	31 .13020 11.2	32 .13440 11.5	35 .14700 12.6	37 .14700 12.6	40 .14700 12.6	44 .14700 12.6	47 .14700 12.6	50 .14700 12.6
27 .11340 9.7	29 .12180 10.4	30 .12600 10.8	32 .13440 11.5	34 .14280 12.2	36 .15120 13.0	38 .15120 13.0	41 .15120 13.0	45 .15120 13.0	49 .15120 13.0	52 .15120 13.0
28 .11760 10.1	30 .12600 10.8	32 .13440 11.5	33 .13860 11.9	35 .14700 12.6	37 .14700 12.6	40 .14700 12.6	43 .14700 12.6	47 .14700 12.6	50 .14700 12.6	54 .14700 12.6
29 .12180 10.4	31 .13020 11.2	33 .13860 11.9	34 .14280 12.2	36 .15120 13.0	39 .15120 13.0	41 .15120 13.0	44 .15120 13.0	48 .15120 13.0	52 .15120 13.0	55 .15120 13.0
29 .12180 10.4	32 .13440 11.5	34 .14280 12.2	35 .14700 12.6	37 .14700 12.6	40 .14700 12.6	42 .14700 12.6	45 .14700 12.6	50 .14700 12.6	54 .14700 12.6	57 .14700 12.6
30 .12600 10.8	32 .13440 11.5	34 .14280 12.2	36 .15120 13.0	38 .15120 13.0	41 .15120 13.0	43 .15120 13.0	47 .15120 13.0	51 .15120 13.0	55 .15120 13.0	58 .15120 13.0
31 .13020 11.2	33 .13860 11.9	35 .14700 12.6	37 .14700 12.6	39 .14700 12.6	42 .14700 12.6	44 .14700 12.6	48 .14700 12.6	52 .14700 12.6	56 .14700 12.6	60 .14700 12.6
32 .13440 11.5	34 .14280 12.2	36 .15120 13.0	38 .15120 13.0	40 .15120 13.0	43 .15120 13.0	45 .15120 13.0	49 .15120 13.0	54 .15120 13.0	58 .15120 13.0	61 .15120 13.0
32 .13440 11.5	35 .14700 12.6	37 .14700 12.6	39 .14700 12.6	40 .14700 12.6	44 .14700 12.6	46 .14700 12.6	50 .14700 12.6	55 .14700 12.6	59 .14700 12.6	63 .14700 12.6

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 6.0
Luz (cm) = 750.

Carga (Kg/m²)	Espaciamiento (cm)										
	40	50	60	70	80	100	120	150	200	250	300
18	18 .08100 6.5	19 .08550 6.8	20 .09000 7.2	21 .09450 7.6	22 .09900 7.9	24 .10800 8.6	25 .11250 9.0	27 .12150 9.7	30 .13500 10.8	32 .14400 11.5	34 .15300 12.2
20	20 .09000 7.2	21 .09450 7.6	23 .10350 8.3	24 .10800 8.6	25 .11250 9.0	27 .12150 9.7	29 .13050 10.4	31 .13950 11.2	34 .15300 12.2	36 .16200 13.0	39 .16200 13.0
22	22 .09900 7.9	24 .10800 8.6	25 .11250 9.0	26 .11700 9.4	27 .12150 9.7	30 .13500 10.8	31 .13950 11.2	34 .15300 12.2	37 .15300 12.2	40 .15300 12.2	42 .15300 12.2
24	24 .10800 8.6	25 .11250 9.0	27 .12150 9.7	28 .12600 10.1	30 .13500 10.8	32 .14400 11.5	34 .15300 12.2	36 .16200 13.0	40 .16200 13.0	43 .16200 13.0	46 .16200 13.0
25	25 .11250 9.0	27 .12150 9.7	29 .13050 10.4	30 .13500 10.8	31 .13950 11.2	34 .15300 12.2	36 .16200 13.0	39 .16200 13.0	42 .16200 13.0	46 .16200 13.0	49 .16200 13.0
26	26 .11700 9.4	28 .12600 10.1	30 .13500 10.8	32 .14400 11.5	33 .14850 11.9	36 .16200 13.0	38 .16200 13.0	41 .16200 13.0	45 .16200 13.0	48 .16200 13.0	51 .16200 13.0
27	27 .12150 9.7	30 .13500 10.8	31 .13950 11.2	33 .14850 11.9	35 .15750 12.6	37 .15750 12.6	39 .15750 12.6	42 .15750 12.6	47 .15750 12.6	50 .15750 12.6	53 .15750 12.6
29	29 .13050 10.4	31 .13950 11.2	33 .14850 11.9	34 .15300 12.2	36 .16200 13.0	39 .16200 13.0	41 .16200 13.0	44 .16200 13.0	49 .16200 13.0	52 .16200 13.0	55 .16200 13.0
30	30 .13500 10.8	32 .14400 11.5	34 .15300 12.2	36 .16200 13.0	37 .16200 13.0	40 .16200 13.0	42 .16200 13.0	46 .16200 13.0	50 .16200 13.0	54 .16200 13.0	57 .16200 13.0
31	31 .13950 11.2	33 .14850 11.9	35 .15750 12.6	37 .15750 12.6	38 .15750 12.6	41 .15750 12.6	44 .15750 12.6	47 .15750 12.6	52 .15750 12.6	56 .15750 12.6	59 .15750 12.6
31	31 .13950 11.2	34 .15300 12.2	36 .16200 13.0	38 .16200 13.0	39 .16200 13.0	42 .16200 13.0	45 .16200 13.0	49 .16200 13.0	53 .16200 13.0	57 .16200 13.0	61 .16200 13.0
32	32 .14400 11.5	35 .15750 12.6	37 .15750 12.6	39 .15750 12.6	40 .15750 12.6	44 .15750 12.6	46 .15750 12.6	50 .15750 12.6	55 .15750 12.6	59 .15750 12.6	63 .15750 12.6
33	33 .14850 11.9	36 .16200 13.0	38 .16200 13.0	40 .16200 13.0	41 .16200 13.0	45 .16200 13.0	47 .16200 13.0	51 .16200 13.0	56 .16200 13.0	60 .16200 13.0	64 .16200 13.0
34	34 .15300 12.2	36 .16200 13.0	39 .16200 13.0	41 .16200 13.0	42 .16200 13.0	46 .16200 13.0	49 .16200 13.0	52 .16200 13.0	57 .16200 13.0	62 .16200 13.0	66 .16200 13.0
35	35 .15750 12.6	37 .15750 12.6	39 .15750 12.6	41 .15750 12.6	43 .15750 12.6	47 .15750 12.6	50 .15750 12.6	53 .15750 12.6	59 .15750 12.6	63 .15750 12.6	67 .15750 12.6

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 6.0
Luz (cm) = 800.

Espaciamiento (cm)										
40	50	60	70	80	100	120	150	200	250	300
19 .09120 6.8	20 .09600 7.2	21 .10080 7.6	22 .10560 7.9	23 .11040 8.3	25 .12000 9.0	27 .12960 9.7	29 .13920 10.4	32 .15360 11.5	34 .16320 12.2	36 .17280 13.0
21 .10080 7.6	23 .11040 8.3	24 .11520 8.6	26 .12480 9.4	27 .12960 9.7	29 .13920 10.4	30 .14400 10.8	33 .15840 11.9	36 .17280 13.0	39 .17280 13.0	41 .17280 13.0
23 .11040 8.3	25 .12000 9.0	27 .12960 9.7	28 .13440 10.1	29 .13920 10.4	32 .15360 11.5	33 .15840 11.9	36 .17280 13.0	40 .17280 13.0	43 .17280 13.0	45 .17280 13.0
25 .12000 9.0	27 .12960 9.7	29 .13920 10.4	30 .14400 10.8	32 .15360 11.5	34 .16320 12.2	36 .17280 13.0	39 .17280 13.0	43 .17280 13.0	46 .17280 13.0	49 .17280 13.0
27 .12960 9.7	29 .13920 10.4	30 .14400 10.8	32 .15360 11.5	33 .15840 11.9	36 .17280 13.0	38 .17280 13.0	41 .17280 13.0	45 .17280 13.0	49 .17280 13.0	52 .17280 13.0
28 .13440 10.1	30 .14400 10.8	32 .15360 11.5	34 .16320 12.2	35 .16800 12.6	38 .16800 12.6	40 .16800 12.6	43 .16800 12.6	48 .16800 12.6	51 .16800 12.6	54 .16800 12.6
29 .13920 10.4	32 .15360 11.5	33 .15840 11.9	35 .16800 12.6	37 .16800 12.6	40 .16800 12.6	42 .16800 12.6	45 .16800 12.6	50 .16800 12.6	54 .16800 12.6	57 .16800 12.6
30 .14400 10.8	33 .15840 11.9	35 .16800 12.6	37 .16800 12.6	38 .16800 12.6	41 .16800 12.6	44 .16800 12.6	47 .16800 12.6	52 .16800 12.6	56 .16800 12.6	59 .16800 12.6
32 .15360 11.5	34 .16320 12.2	36 .17280 13.0	38 .17280 13.0	40 .17280 13.0	43 .17280 13.0	45 .17280 13.0	49 .17280 13.0	54 .17280 13.0	58 .17280 13.0	61 .17280 13.0
33 .15840 11.9	35 .16800 12.6	37 .16800 12.6	39 .16800 12.6	41 .16800 12.6	44 .16800 12.6	47 .16800 12.6	50 .16800 12.6	55 .16800 12.6	59 .16800 12.6	63 .16800 12.6
33 .15840 11.9	36 .17280 13.0	38 .17280 13.0	40 .17280 13.0	42 .17280 13.0	45 .17280 13.0	48 .17280 13.0	52 .17280 13.0	57 .17280 13.0	61 .17280 13.0	65 .17280 13.0
34 .16320 12.2	37 .16320 12.2	39 .16320 12.2	41 .16320 12.2	43 .16320 12.2	46 .16320 12.2	49 .16320 12.2	53 .16320 12.2	58 .16320 12.2	63 .16320 12.2	67 .16320 12.2
35 .16800 12.6	38 .16800 12.6	40 .16800 12.6	42 .16800 12.6	44 .16800 12.6	48 .16800 12.6	51 .16800 12.6	54 .16800 12.6	60 .16800 12.6	64 .16800 12.6	68 .16800 12.6
36 .17280 13.0	39 .17280 13.0	41 .17280 13.0	43 .17280 13.0	45 .17280 13.0	49 .17280 13.0	52 .17280 13.0	56 .17280 13.0	61 .17280 13.0	66 .17280 13.0	70 .17280 13.0
37 .17280 13.0	40 .17280 13.0	42 .17280 13.0	44 .17280 13.0	46 .17280 13.0	50 .17280 13.0	53 .17280 13.0	57 .17280 13.0	63 .17280 13.0	67 .17280 13.0	72 .17280 13.0

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = .0
Luz (cm) = 650.

Espaciamiento (cm)

40	50	60	70	80	100	120	150	200	250	300
20 .10200 7.2	21 .10710 7.6	23 .11730 8.3	24 .12240 8.6	25 .12750 9.0	27 .13770 9.7	28 .14280 10.1	30 .15300 10.8	33 .16830 11.9	36 .18360 13.0	38 .18360 13.0
23 .11730 8.3	24 .12240 8.6	26 .13260 9.4	27 .13770 9.7	28 .14280 10.1	30 .15300 10.8	32 .16320 11.5	35 .17850 12.6	38 .17850 12.6	41 .17850 12.6	44 .17850 12.6
25 .12750 9.0	27 .13770 9.7	28 .14280 10.1	30 .15300 10.8	31 .15810 11.2	33 .16830 11.9	36 .18360 13.0	38 .18360 13.0	42 .18360 13.0	45 .18360 13.0	48 .18360 13.0
27 .13770 9.7	29 .14790 10.4	30 .15300 10.8	32 .16320 11.5	33 .16830 11.9	36 .18360 13.0	38 .18360 13.0	41 .18360 13.0	45 .18360 13.0	49 .18360 13.0	52 .18360 13.0
28 .14280 10.1	30 .15300 10.8	32 .16320 11.5	34 .17340 12.2	36 .18360 13.0	38 .18360 13.0	41 .18360 13.0	44 .18360 13.0	48 .18360 13.0	52 .18360 13.0	55 .18360 13.0
30 .15300 10.8	32 .16320 11.5	34 .17340 12.2	36 .18360 13.0	37 .18360 13.0	40 .18360 13.0	43 .18360 13.0	46 .18360 13.0	51 .18360 13.0	54 .18360 13.0	58 .18360 13.0
31 .15810 11.2	33 .16830 11.9	36 .18360 13.0	37 .18360 13.0	39 .18360 13.0	42 .18360 13.0	45 .18360 13.0	48 .18360 13.0	53 .18360 13.0	57 .18360 13.0	60 .18360 13.0
32 .16320 11.5	35 .17850 12.6	37 .17850 12.6	39 .17850 12.6	41 .17850 12.6	44 .17850 12.6	46 .17850 12.6	50 .17850 12.6	55 .17850 12.6	59 .17850 12.6	63 .17850 12.6
33 .16830 11.9	36 .18360 13.0	38 .18360 13.0	40 .18360 13.0	42 .18360 13.0	45 .18360 13.0	48 .18360 13.0	52 .18360 13.0	57 .18360 13.0	61 .18360 13.0	65 .18360 13.0
35 .17850 12.6	37 .17850 12.6	39 .17850 12.6	41 .17850 12.6	43 .17850 12.6	47 .17850 12.6	50 .17850 12.6	53 .17850 12.6	59 .17850 12.6	63 .17850 12.6	67 .17850 12.6
36 .18360 13.0	38 .18360 13.0	41 .18360 13.0	43 .18360 13.0	45 .18360 13.0	48 .18360 13.0	51 .18360 13.0	55 .18360 13.0	60 .18360 13.0	65 .18360 13.0	69 .18360 13.0
36 .18360 13.0	39 .18360 13.0	42 .18360 13.0	44 .18360 13.0	46 .18360 13.0	49 .18360 13.0	52 .18360 13.0	56 .18360 13.0	62 .18360 13.0	67 .18360 13.0	71 .18360 13.0
37 .18360 13.0	40 .18360 13.0	43 .18360 13.0	45 .18360 13.0	47 .18360 13.0	51 .18360 13.0	54 .18360 13.0	58 .18360 13.0	64 .18360 13.0	68 .18360 13.0	73 .18360 13.0
38 .18360 13.0	41 .18360 13.0	44 .18360 13.0	46 .18360 13.0	48 .18360 13.0	52 .18360 13.0	55 .18360 13.0	59 .18360 13.0	65 .18360 13.0	70 .18360 13.0	74 .18360 13.0
39 .18360 13.0	42 .18360 13.0	45 .18360 13.0	47 .18360 13.0	49 .18360 13.0	53 .18360 13.0	56 .18360 13.0	60 .18360 13.0	66 .18360 13.0	71 .18360 13.0	76 .18360 13.0

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 6.0
Luz (cm) = 900.

Espaciamiento (cm)										
40	50	60	70	80	100	120	150	200	250	300
21 .11340 7.6	22 .11880 7.9	24 .12960 8.6	25 .13500 9.0	26 .14040 9.4	28 .15120 10.1	30 .16200 10.8	32 .17280 11.5	35 .18900 12.6	38 .18900 12.6	40 .18900 12.6
24 .12960 8.6	26 .14040 9.4	27 .14580 9.7	29 .15660 10.4	30 .16200 10.8	32 .17280 11.5	34 .18360 12.2	37 .18360 12.2	40 .18360 12.2	44 .18360 12.2	46 .18360 12.2
26 .14040 9.4	28 .15120 10.1	30 .16200 10.8	31 .16740 11.2	33 .17820 11.9	35 .18900 12.6	38 .18900 12.6	40 .18900 12.6	44 .18900 12.6	48 .18900 12.6	51 .18900 12.6
28 .15120 10.1	30 .16200 10.8	32 .17280 11.5	34 .18360 12.2	35 .18900 12.6	38 .18900 12.6	40 .18900 12.6	44 .18900 12.6	48 .18900 12.6	52 .18900 12.6	55 .18900 12.6
30 .16200 10.8	32 .17280 11.5	34 .18360 12.2	36 .19440 13.0	38 .19440 13.0	40 .19440 13.0	43 .19440 13.0	46 .19440 13.0	51 .19440 13.0	55 .19440 13.0	58 .19440 13.0
31 .16740 11.2	34 .18360 12.2	36 .19440 13.0	38 .19440 13.0	40 .19440 13.0	43 .19440 13.0	45 .19440 13.0	49 .19440 13.0	53 .19440 13.0	58 .19440 13.0	61 .19440 13.0
33 .17820 11.9	35 .18900 12.6	38 .18900 12.6	40 .18900 12.6	41 .18900 12.6	44 .18900 12.6	47 .18900 12.6	51 .18900 12.6	56 .18900 12.6	60 .18900 12.6	64 .18900 12.6
34 .18360 12.2	37 .18360 12.2	39 .18360 12.2	41 .18360 12.2	43 .18360 12.2	46 .18360 12.2	49 .18360 12.2	53 .18360 12.2	58 .18360 12.2	63 .18360 12.2	66 .18360 12.2
35 .18900 12.6	38 .18900 12.6	40 .18900 12.6	43 .18900 12.6	44 .18900 12.6	48 .18900 12.6	51 .18900 12.6	55 .18900 12.6	60 .18900 12.6	65 .18900 12.6	69 .18900 12.6
37 .18900 12.6	39 .18900 12.6	42 .18900 12.6	44 .18900 12.6	46 .18900 12.6	49 .18900 12.6	52 .18900 12.6	56 .18900 12.6	62 .18900 12.6	67 .18900 12.6	71 .18900 12.6
38 .18900 12.6	40 .18900 12.6	43 .18900 12.6	45 .18900 12.6	47 .18900 12.6	51 .18900 12.6	54 .18900 12.6	58 .18900 12.6	64 .18900 12.6	69 .18900 12.6	73 .18900 12.6
39 .18900 12.6	42 .18900 12.6	44 .18900 12.6	46 .18900 12.6	48 .18900 12.6	52 .18900 12.6	55 .18900 12.6	60 .18900 12.6	66 .18900 12.6	71 .18900 12.6	75 .18900 12.6
40 .18900 12.6	43 .18900 12.6	45 .18900 12.6	48 .18900 12.6	50 .18900 12.6	53 .18900 12.6	57 .18900 12.6	61 .18900 12.6	67 .18900 12.6	72 .18900 12.6	77 .18900 12.6
40 .18900 12.6	44 .18900 12.6	46 .18900 12.6	49 .18900 12.6	51 .18900 12.6	55 .18900 12.6	58 .18900 12.6	63 .18900 12.6	69 .18900 12.6	74 .18900 12.6	79 .18900 12.6
41 .18900 12.6	44 .18900 12.6	47 .18900 12.6	50 .18900 12.6	52 .18900 12.6	56 .18900 12.6	59 .18900 12.6	64 .18900 12.6	70 .18900 12.6	76 .18900 12.6	80 .18900 12.6

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

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INSTITUTO FORESTAL

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 7.0
Luz (cm) = 300.

Espaciamiento (cm)										
40	50	60	70	80	100	120	150	200	250	300
9 .01890 3.8	9 .01890 3.8	9 .01890 3.8	9 .01890 3.8	9 .01890 3.8	9 .01890 3.8	10 .02100 4.2	11 .02310 4.6	12 .02520 5.0	12 .02520 5.0	13 .02730 5.5
9 .01890 3.8	9 .01890 3.8	9 .01890 3.8	9 .01890 3.8	10 .02100 4.2	11 .02310 4.6	11 .02310 4.6	12 .02520 5.0	13 .02730 5.5	14 .02940 5.9	15 .03150 6.3
9 .01890 3.8	9 .01890 3.8	10 .02100 4.2	10 .02100 4.2	11 .02310 4.6	12 .02520 5.0	12 .02520 5.0	13 .02730 5.5	14 .02940 5.9	15 .03150 6.3	16 .03360 6.7
9 .01890 3.8	10 .02100 4.2	11 .02310 4.6	11 .02310 4.6	12 .02520 5.0	12 .02520 5.0	13 .02730 5.5	14 .02940 5.9	15 .03150 6.3	17 .03570 7.1	18 .03780 7.6
10 .02100 4.2	11 .02310 4.6	11 .02310 4.6	12 .02520 5.0	12 .02520 5.0	13 .02730 5.5	14 .02940 5.9	15 .03150 6.3	16 .03360 6.7	18 .03780 7.6	19 .03990 8.0
10 .02100 4.2	11 .02310 4.6	12 .02520 5.0	12 .02520 5.0	13 .02730 5.5	14 .02940 5.9	15 .03150 6.3	16 .03360 6.7	17 .03570 7.1	19 .03990 8.0	20 .04200 8.4
11 .02310 4.6	12 .02520 5.0	12 .02520 5.0	13 .02730 5.5	13 .02730 5.5	14 .02940 5.9	15 .03150 6.3	16 .03360 6.7	18 .03780 7.6	19 .03990 8.0	21 .04410 8.8
11 .02310 4.6	12 .02520 5.0	13 .02730 5.5	13 .02730 5.5	14 .02940 5.9	15 .03150 6.3	16 .03360 6.7	17 .03570 7.1	19 .03990 8.0	20 .04200 8.4	21 .04410 8.8
12 .02520 5.0	12 .02520 5.0	13 .02730 5.5	14 .02940 5.9	14 .02940 5.9	15 .03150 6.3	16 .03360 6.7	18 .03780 7.6	19 .03990 8.0	21 .04410 8.8	22 .04620 9.2
12 .02520 5.0	13 .02730 5.5	14 .02940 5.9	14 .02940 5.9	15 .03150 6.3	16 .03360 6.7	17 .03570 7.1	18 .03780 7.6	20 .04200 8.4	22 .04620 9.2	23 .04830 9.7
12 .02520 5.0	13 .02730 5.5	14 .02940 5.9	15 .03150 6.3	15 .03150 6.3	16 .03360 6.7	17 .03570 7.1	19 .03990 8.0	21 .04410 8.8	22 .04620 9.2	23 .04830 9.7
13 .02730 5.5	13 .02730 5.5	14 .02940 5.9	15 .03150 6.3	16 .03360 6.7	17 .03570 7.1	18 .03780 7.6	19 .03990 8.0	21 .04410 8.8	23 .04830 9.7	24 .05040 10.1
13 .02730 5.5	14 .02940 5.9	15 .03150 6.3	15 .03150 6.3	16 .03360 6.7	17 .03570 7.1	18 .03780 7.6	20 .04200 8.4	22 .04620 9.2	23 .04830 9.7	25 .05250 10.5
13 .02730 5.5	14 .02940 5.9	15 .03150 6.3	16 .03360 6.7	16 .03360 6.7	18 .03780 7.6	19 .03990 8.0	20 .04200 8.4	22 .04620 9.2	24 .05040 10.1	25 .05250 10.5
13 .02730 5.5	14 .02940 5.9	15 .03150 6.3	16 .03360 6.7	17 .03570 7.1	18 .03780 7.6	19 .03990 8.0	21 .04410 8.8	23 .04830 9.7	24 .05040 10.1	26 .05460 10.9

Para cada espaciamiento y carga se presenta :
* Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 7.0
Luz (cm) = 350.

Espaciamiento (cm)

40	50	60	70	80	100	120	150	200	250	300
9 .02205 3.8	9 .02205 3.8	9 .02205 3.8	10 .02450 4.2	10 .02450 4.2	11 .02695 4.6	11 .02695 4.6	12 .02940 5.0	13 .03185 5.5	14 .03430 5.9	15 .03675 6.3
9 .02205 3.8	10 .02450 4.2	10 .02450 4.2	11 .02695 4.6	11 .02695 4.6	12 .02940 5.0	13 .03185 5.5	14 .03430 5.9	15 .03675 6.3	16 .03920 6.7	17 .04165 7.1
10 .02450 4.2	11 .02695 4.6	11 .02695 4.6	12 .02940 5.0	12 .02940 5.0	13 .03185 5.5	14 .03430 5.9	15 .03675 6.3	17 .04165 7.1	18 .04410 7.6	19 .04655 8.0
11 .02695 4.6	12 .02940 5.0	12 .02940 5.0	13 .03185 5.5	13 .03185 5.5	14 .03430 5.9	15 .03675 6.3	16 .03920 6.7	18 .04410 7.6	19 .04655 8.0	21 .05145 8.8
11 .02695 4.6	12 .02940 5.0	13 .03185 5.5	14 .03430 5.9	14 .03430 5.9	15 .03675 6.3	16 .03920 6.7	17 .04165 7.1	19 .04655 8.0	21 .05145 8.8	22 .05390 9.2
12 .02940 5.0	13 .03185 5.5	14 .03430 5.9	14 .03430 5.9	15 .03675 6.3	16 .03920 6.7	17 .04165 7.1	18 .04410 7.6	20 .04900 8.4	22 .05390 9.2	23 .05635 9.7
12 .02940 5.0	13 .03185 5.5	14 .03430 5.9	15 .03675 6.3	16 .03920 6.7	17 .04165 7.1	18 .04410 7.6	19 .04655 8.0	21 .05145 8.8	23 .05635 9.7	24 .05880 10.1
13 .03185 5.5	14 .03430 5.9	15 .03675 6.3	15 .03675 6.3	16 .03920 6.7	17 .04165 7.1	18 .04410 7.6	20 .04900 8.4	22 .05390 9.2	23 .05635 9.7	25 .06125 10.5
13 .03185 5.5	14 .03430 5.9	15 .03675 6.3	16 .03920 6.7	17 .04165 7.1	18 .04410 7.6	19 .04655 8.0	21 .05145 8.8	23 .05635 9.7	24 .05880 10.1	26 .06370 10.9
14 .03430 5.9	15 .03675 6.3	16 .03920 6.7	17 .04165 7.1	17 .04165 7.1	19 .04655 8.0	20 .04900 8.4	21 .05145 8.8	23 .05635 9.7	25 .06125 10.5	27 .06615 11.3
14 .03430 5.9	15 .03675 6.3	16 .03920 6.7	17 .04165 7.1	18 .04410 7.6	19 .04655 8.0	20 .04900 8.4	22 .05390 9.2	24 .05880 10.1	26 .06370 10.9	27 .06615 11.3
15 .03675 6.3	16 .03920 6.7	17 .04165 7.1	17 .04165 7.1	18 .04410 7.6	20 .04900 8.4	21 .05145 8.8	22 .05390 9.2	25 .06125 10.5	26 .06370 10.9	28 .06860 11.8
15 .03675 6.3	16 .03920 6.7	17 .04165 7.1	18 .04410 7.6	19 .04655 8.0	20 .04900 8.4	21 .05145 8.8	23 .05635 9.7	25 .06125 10.5	27 .06615 11.3	29 .07105 12.2
15 .03675 6.3	16 .03920 6.7	17 .04165 7.1	18 .04410 7.6	19 .04655 8.0	21 .05145 8.8	22 .05390 9.2	23 .05635 9.7	26 .06370 10.9	28 .06860 11.8	29 .07105 12.2
16 .03920 6.7	17 .04165 7.1	18 .04410 7.6	19 .04655 8.0	19 .04655 8.0	21 .05145 8.8	22 .05390 9.2	24 .05880 10.1	26 .06370 10.9	28 .06860 11.8	30 .07350 12.6

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 7.0
Luz (cm) = 400.

Espaciamiento (cm)

40	50	60	70	80	100	120	150	200	250	300
9 .02520 3.8	10 .02800 4.2	10 .02800 4.2	11 .03080 4.6	11 .03080 4.6	12 .03360 5.0	13 .03640 5.5	14 .03920 5.9	15 .04200 6.3	16 .04480 6.7	17 .04760 7.1
10 .02800 4.2	11 .03080 4.6	12 .03360 5.0	12 .03360 5.0	13 .03640 5.5	14 .03920 5.9	15 .04200 6.3	16 .04480 6.7	17 .04760 7.1	19 .05320 8.0	20 .05600 8.4
11 .03080 4.6	12 .03360 5.0	13 .03640 5.5	14 .03920 5.9	14 .03920 5.9	15 .04200 6.3	16 .04480 6.7	17 .04760 7.1	19 .05320 8.0	20 .05600 8.4	22 .06160 9.2
12 .03360 5.0	13 .03640 5.5	14 .03920 5.9	15 .04200 6.3	15 .04200 6.3	16 .04480 6.7	17 .04760 7.1	19 .05320 8.0	20 .05600 8.4	22 .06160 9.2	23 .06440 9.7
13 .03640 5.5	14 .03920 5.9	15 .04200 6.3	15 .04200 6.3	16 .04480 6.7	17 .04760 7.1	18 .05040 7.6	20 .05600 8.4	22 .06160 9.2	23 .06440 9.7	25 .07000 10.5
14 .03920 5.9	15 .04200 6.3	15 .04200 6.3	16 .04480 6.7	17 .04760 7.1	18 .05040 7.6	19 .05320 8.0	21 .05880 8.8	23 .06440 9.7	25 .07000 10.5	26 .07280 10.9
14 .03920 5.9	15 .04200 6.3	16 .04480 6.7	17 .04760 7.1	18 .05040 7.6	19 .05320 8.0	20 .05600 8.4	22 .06160 9.2	24 .06720 10.1	26 .07280 10.9	27 .07560 11.3
15 .04200 6.3	16 .04480 6.7	17 .04760 7.1	18 .05040 7.6	18 .05040 7.6	20 .05600 8.4	21 .05880 8.8	23 .06440 9.7	25 .07000 10.5	27 .07560 11.3	28 .07840 11.8
15 .04200 6.3	16 .04480 6.7	17 .04760 7.1	18 .05040 7.6	19 .05320 8.0	20 .05600 8.4	22 .06160 9.2	23 .06440 9.7	26 .07280 10.9	28 .07840 11.8	29 .08120 12.2
16 .04480 6.7	17 .04760 7.1	18 .05040 7.6	19 .05320 8.0	20 .05600 8.4	21 .05880 8.8	22 .06160 9.2	24 .06720 10.1	27 .07560 11.3	29 .08120 12.2	30 .08400 12.6
16 .04480 6.7	17 .04760 7.1	18 .05040 7.6	19 .05320 8.0	20 .05600 8.4	22 .06160 9.2	23 .06440 9.7	25 .07000 10.5	27 .07560 11.3	29 .08120 12.2	31 .08680 13.0
17 .04760 7.1	18 .05040 7.6	19 .05320 8.0	20 .05600 8.4	21 .05880 8.8	22 .06160 9.2	24 .06720 10.1	25 .07000 10.5	28 .07840 11.8	30 .08400 12.6	32 .08960 13.4
17 .04760 7.1	18 .05040 7.6	19 .05320 8.0	20 .05600 8.4	21 .05880 8.8	23 .06440 9.7	24 .06720 10.1	26 .07280 10.9	29 .08120 12.2	31 .08680 13.0	33 .09240 13.9
17 .04760 7.1	19 .05320 8.0	20 .05600 8.4	21 .05880 8.8	22 .06160 9.2	23 .06440 9.7	25 .07000 10.5	27 .07560 11.3	29 .08120 12.2	32 .08960 13.4	34 .09520 14.3
18 .05040 7.6	19 .05320 8.0	20 .05600 8.4	21 .05880 8.8	22 .06160 9.2	24 .06720 10.1	25 .07000 10.5	27 .07560 11.3	30 .08400 12.6	32 .08960 13.4	34 .09520 14.3

En cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 7.0
Luz (cm) = 450.

Espaciamiento (cm)										
40	50	60	70	80	100	120	150	200	250	300
10 .03150 4.2	11 .03465 4.6	12 .03780 5.0	12 .03780 5.0	13 .04095 5.5	14 .04410 5.9	14 .04410 5.9	16 .05040 6.7	17 .05355 7.1	18 .05670 7.6	19 .05985 8.0
12 .03780 5.0	12 .03780 5.0	13 .04095 5.5	14 .04410 5.9	14 .04410 5.9	16 .05040 6.7	17 .05355 7.1	18 .05670 7.6	19 .05985 8.0	21 .06615 8.8	22 .06930 9.2
13 .04095 5.5	14 .04410 5.9	14 .04410 5.9	15 .04725 6.3	16 .05040 6.7	17 .05355 7.1	18 .05670 7.6	19 .05985 8.0	21 .06615 8.8	23 .07245 9.7	24 .07560 10.1
14 .04410 5.9	15 .04725 6.3	16 .05040 6.7	16 .05040 6.7	17 .05355 7.1	18 .05670 7.6	19 .05985 8.0	21 .06615 8.8	23 .07245 9.7	25 .07875 10.5	26 .08190 10.9
14 .04410 5.9	16 .05040 6.7	17 .05355 7.1	17 .05355 7.1	18 .05670 7.6	19 .05985 8.0	21 .06615 8.8	22 .06930 9.2	24 .07560 10.1	26 .08190 10.9	28 .08820 11.8
15 .04725 6.3	16 .05040 6.7	17 .05355 7.1	18 .05670 7.6	19 .05985 8.0	20 .06300 8.4	22 .06930 9.2	23 .07245 9.7	26 .08190 10.9	28 .08820 11.8	29 .09135 12.2
16 .05040 6.7	17 .05355 7.1	18 .05670 7.6	19 .05985 8.0	20 .06300 8.4	21 .06615 8.8	23 .07245 9.7	24 .07560 10.1	27 .08505 11.3	29 .09135 12.2	31 .09765 13.0
17 .05355 7.1	18 .05670 7.6	19 .05985 8.0	20 .06300 8.4	21 .06615 8.8	22 .06930 9.2	24 .07560 10.1	25 .07875 10.5	28 .08820 11.8	30 .09450 12.6	32 .10080 13.4
17 .05355 7.1	18 .05670 7.6	19 .05985 8.0	20 .06300 8.4	21 .06615 8.8	23 .07245 9.7	24 .07560 10.1	26 .08190 10.9	29 .09135 12.2	31 .09765 13.0	33 .10395 13.9
18 .05670 7.6	19 .05985 8.0	20 .06300 8.4	21 .06615 8.8	22 .06930 9.2	24 .07560 10.1	25 .07875 10.5	27 .08505 11.3	30 .09450 12.6	32 .10080 13.4	34 .10710 14.3
18 .05670 7.6	19 .05985 8.0	21 .06615 8.8	22 .06930 9.2	23 .07245 9.7	24 .07560 10.1	26 .08190 10.9	28 .08820 11.8	31 .09765 13.0	33 .10395 13.9	35 .11025 14.7
19 .05985 8.0	20 .06300 8.4	21 .06615 8.8	22 .06930 9.2	23 .07245 9.7	25 .07875 10.5	27 .08505 11.3	29 .09135 12.2	31 .09765 13.0	34 .10710 14.3	36 .11340 15.1
19 .05985 8.0	20 .06300 8.4	22 .06930 9.2	23 .07245 9.7	24 .07560 10.1	26 .08190 10.9	27 .08505 11.3	29 .09135 12.2	32 .10080 13.4	35 .11025 14.7	37 .11655 15.5
19 .05985 8.0	21 .06615 8.8	22 .06930 9.2	23 .07245 9.7	24 .07560 10.1	26 .08190 10.9	28 .08820 11.8	30 .09450 12.6	33 .10395 13.9	35 .11025 14.7	38 .11970 16.0
20 .06300 8.4	21 .06615 8.8	23 .07245 9.7	24 .07560 10.1	25 .07875 10.5	27 .08505 11.3	28 .08820 11.8	31 .09765 13.0	34 .10710 14.3	36 .11340 15.1	38 .11970 16.0

ara cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 7.0
Luz (cm) = 500.

Espaciamiento (cm)

40	50	60	70	80	100	120	150	200	250	300
11 .03850 4.6	12 .04200 5.0	13 .04550 5.5	13 .04550 5.5	14 .04900 5.9	15 .05250 6.3	16 .05600 6.7	17 .05950 7.1	19 .06650 8.0	20 .07000 8.4	22 .07700 9.2
13 .04550 5.5	14 .04900 5.9	15 .05250 6.3	15 .05250 6.3	16 .05600 6.7	17 .05950 7.1	18 .06300 7.6	20 .07000 8.4	22 .07700 9.2	23 .08050 9.7	25 .08750 10.5
14 .04900 5.9	15 .05250 6.3	16 .05600 6.7	17 .05950 7.1	18 .06300 7.6	19 .06650 8.0	20 .07000 8.4	22 .07700 9.2	24 .08400 10.1	25 .08750 10.5	27 .09450 11.3
15 .05250 6.3	16 .05600 6.7	17 .05950 7.1	18 .06300 7.6	19 .06650 8.0	20 .07000 8.4	22 .07700 9.2	23 .08050 9.7	25 .08750 10.5	27 .09450 11.3	29 .10150 12.2
16 .05600 6.7	17 .05950 7.1	18 .06300 7.6	19 .06650 8.0	20 .07000 8.4	22 .07700 9.2	23 .08050 9.7	25 .08750 10.5	27 .09450 11.3	29 .10150 12.2	31 .10850 13.0
17 .05950 7.1	18 .06300 7.6	19 .06650 8.0	20 .07000 8.4	21 .07350 8.8	23 .08050 9.7	24 .08400 10.1	26 .09100 10.9	28 .09800 11.8	31 .10850 13.0	33 .11550 13.9
18 .06300 7.6	19 .06650 8.0	20 .07000 8.4	21 .07350 8.8	22 .07700 9.2	24 .08400 10.1	25 .08750 10.5	27 .09450 11.3	30 .10500 12.6	32 .11200 13.4	34 .11900 14.3
18 .06300 7.6	20 .07000 8.4	21 .07350 8.8	22 .07700 9.2	23 .08050 9.7	25 .08750 10.5	26 .09100 10.9	28 .09800 11.8	31 .10850 13.0	33 .11550 13.9	35 .12250 14.7
19 .06650 8.0	20 .07000 8.4	22 .07700 9.2	23 .08050 9.7	24 .08400 10.1	25 .08750 10.5	27 .09450 11.3	29 .10150 12.2	32 .11200 13.4	34 .11900 14.3	37 .12950 15.5
20 .07000 8.4	21 .07350 8.8	22 .07700 9.2	23 .08050 9.7	24 .08400 10.1	26 .09100 10.9	28 .09800 11.8	30 .10500 12.6	33 .11550 13.9	36 .12600 15.1	38 .13300 16.0
20 .07000 8.4	22 .07700 9.2	23 .08050 9.7	24 .08400 10.1	25 .08750 10.5	27 .09450 11.3	29 .10150 12.2	31 .10850 13.0	34 .11900 14.3	37 .12950 15.5	39 .13650 16.4
21 .07350 8.8	22 .07700 9.2	24 .08400 10.1	25 .08750 10.5	26 .09100 10.9	28 .09800 11.8	29 .10150 12.2	32 .11200 13.4	35 .12250 14.7	38 .13300 16.0	40 .14000 16.8
21 .07350 8.8	23 .08050 9.7	24 .08400 10.1	25 .08750 10.5	26 .09100 10.9	28 .09800 11.8	30 .10500 12.6	33 .11550 13.9	36 .12600 15.1	38 .13300 16.0	41 .14350 17.2
22 .07700 9.2	23 .08050 9.7	25 .08750 10.5	26 .09100 10.9	27 .09450 11.3	29 .10150 12.2	31 .10850 13.0	33 .11550 13.9	37 .12950 15.5	39 .13650 16.4	42 .14700 17.6
22 .07700 9.2	24 .08400 10.1	25 .08750 10.5	26 .09100 10.9	28 .09800 11.8	30 .10500 12.6	32 .11200 13.4	34 .11900 14.3	37 .12950 15.5	40 .14000 16.8	43 .14000 16.8

Para cada espaciamiento y carga se presenta :
- Altura (cm)
- Volumen (M3)
- Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 7.0
Luz (cm) = 550.

Espaciamiento (cm)										
40	50	60	70	80	100	120	150	200	250	300
12 .04620 5.0	13 .05005 5.5	14 .05390 5.9	15 .05775 6.3	15 .05775 6.3	17 .06545 7.1	18 .06930 7.6	19 .07315 8.0	21 .08085 8.8	22 .08470 9.2	24 .09240 10.1
14 .05390 5.9	15 .05775 6.3	16 .06160 6.7	17 .06545 7.1	18 .06930 7.6	19 .07315 8.0	20 .07700 8.4	22 .08470 9.2	24 .09240 10.1	25 .09625 10.5	27 .10395 11.3
15 .05775 6.3	17 .06545 7.1	18 .06930 7.6	18 .06930 7.6	19 .07315 8.0	21 .08085 8.8	22 .08470 9.2	24 .09240 10.1	26 .10010 10.9	28 .10780 11.8	30 .11550 12.6
17 .06545 7.1	18 .06930 7.6	19 .07315 8.0	20 .07700 8.4	21 .08085 8.8	22 .08470 9.2	24 .09240 10.1	25 .09625 10.5	28 .10780 11.8	30 .11550 12.6	32 .12320 13.4
18 .06930 7.6	19 .07315 8.0	20 .07700 8.4	21 .08085 8.8	22 .08470 9.2	24 .09240 10.1	25 .09625 10.5	27 .10395 11.3	30 .11550 12.6	32 .12320 13.4	34 .13090 14.3
18 .06930 7.6	20 .07700 8.4	21 .08085 8.8	22 .08470 9.2	23 .08855 9.7	25 .09625 10.5	26 .10010 10.9	28 .10780 11.8	31 .11935 13.0	34 .13090 14.3	36 .13860 15.1
19 .07315 8.0	21 .08085 8.8	22 .08470 9.2	23 .08855 9.7	24 .09240 10.1	26 .10010 10.9	28 .10780 11.8	30 .11550 12.6	33 .12705 13.9	35 .13475 14.7	37 .14245 15.5
20 .07700 8.4	22 .08470 9.2	23 .08855 9.7	24 .09240 10.1	25 .09625 10.5	27 .10395 11.3	29 .11165 12.2	31 .11935 13.0	34 .13090 14.3	37 .14245 15.5	39 .15015 16.4
21 .08085 8.8	22 .08470 9.2	24 .09240 10.1	25 .09625 10.5	26 .10010 10.9	28 .10780 11.8	30 .11550 12.6	32 .12320 13.4	35 .13475 14.7	38 .14630 16.0	40 .15400 16.8
21 .08085 8.8	23 .08855 9.7	24 .09240 10.1	26 .10010 10.9	27 .10395 11.3	29 .11165 12.2	31 .11935 13.0	33 .12705 13.9	36 .13860 15.1	39 .15015 16.4	41 .15785 17.2
22 .08470 9.2	24 .09240 10.1	25 .09625 10.5	26 .10010 10.9	28 .10780 11.8	30 .11550 12.6	32 .12320 13.4	34 .13090 14.3	37 .14245 15.5	40 .15400 16.8	43 .15400 16.8
23 .08855 9.7	24 .09240 10.1	26 .10010 10.9	27 .10395 11.3	28 .10780 11.8	31 .11935 13.0	32 .12320 13.4	35 .13475 14.7	38 .14630 16.0	41 .15785 17.2	44 .15785 17.2
23 .08855 9.7	25 .09625 10.5	26 .10010 10.9	28 .10780 11.8	29 .11165 12.2	31 .11935 13.0	33 .12705 13.9	36 .13860 15.1	39 .15015 16.4	42 .16170 17.6	45 .16170 17.6
24 .09240 10.1	25 .09625 10.5	27 .10395 11.3	28 .10780 11.8	30 .11550 12.6	32 .12320 13.4	34 .13090 14.3	37 .14245 15.5	40 .15400 16.8	43 .15400 16.8	46 .15400 16.8
24 .09240 10.1	26 .10010 10.9	28 .10780 11.8	29 .11165 12.2	30 .11550 12.6	33 .12705 13.9	35 .13475 14.7	37 .14245 15.5	41 .15785 17.2	44 .15785 17.2	47 .15785 17.2

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 7.0
Luz (cm) = 600.

Carga Kg/M2	Espaciamiento (cm)										
	40	50	60	70	80	100	120	150	200	250	300
50	13 .05460 5.5	14 .05880 5.9	15 .06300 6.3	16 .06720 6.7	17 .07140 7.1	18 .07560 7.6	19 .07980 8.0	21 .08820 8.8	23 .09660 9.7	24 .10080 10.1	26 .10920 10.9
75	15 .06300 6.3	16 .06720 6.7	17 .07140 7.1	18 .07560 7.6	19 .07980 8.0	21 .08820 8.8	22 .09240 9.2	23 .09660 9.7	26 .10920 10.9	28 .11760 11.8	29 .12180 12.2
100	17 .07140 7.1	18 .07560 7.6	19 .07980 8.0	20 .08400 8.4	21 .08820 8.8	23 .09660 9.7	24 .10080 10.1	26 .10920 10.9	28 .11760 11.8	30 .12600 12.6	32 .13440 13.4
125	18 .07560 7.6	19 .07980 8.0	21 .08820 8.8	22 .09240 9.2	23 .09660 9.7	24 .10080 10.1	26 .10920 10.9	28 .11760 11.8	30 .12600 12.6	33 .13860 13.9	35 .14700 14.7
150	19 .07980 8.0	21 .08820 8.8	22 .09240 9.2	23 .09660 9.7	24 .10080 10.1	26 .10920 10.9	27 .11340 11.3	29 .12180 12.2	32 .13440 13.4	35 .14700 14.7	37 .15540 15.5
175	20 .08400 8.4	22 .09240 9.2	23 .09660 9.7	24 .10080 10.1	25 .10500 10.5	27 .11340 11.3	29 .12180 12.2	31 .13020 13.0	34 .14280 14.3	37 .15540 15.5	39 .16380 16.4
200	21 .08820 8.8	23 .09660 9.7	24 .10080 10.1	25 .10500 10.5	26 .10920 10.9	28 .11760 11.8	30 .12600 12.6	32 .13440 13.4	36 .15120 15.1	38 .15960 16.0	41 .17220 17.2
225	22 .09240 9.2	23 .09660 9.7	25 .10500 10.5	26 .10920 10.9	27 .11340 11.3	29 .12180 12.2	31 .13020 13.0	34 .14280 14.3	37 .15540 15.5	40 .16800 16.8	42 .17640 17.6
250	23 .09660 9.7	24 .10080 10.1	26 .10920 10.9	27 .11340 11.3	28 .11760 11.8	30 .12600 12.6	32 .13440 13.4	35 .14700 14.7	38 .15960 16.0	41 .17220 17.2	44 .17220 17.2
275	23 .09660 9.7	25 .10500 10.5	27 .11340 11.3	28 .11760 11.8	29 .12180 12.2	31 .13020 13.0	33 .13860 13.9	36 .15120 15.1	40 .16800 16.8	43 .16800 16.8	45 .16800 16.8
300	24 .10080 10.1	26 .10920 10.9	27 .11340 11.3	29 .12180 12.2	30 .12600 12.6	32 .13440 13.4	34 .14280 14.3	37 .15540 15.5	41 .17220 17.2	44 .17220 17.2	46 .17220 17.2
325	25 .10500 10.5	26 .10920 10.9	28 .11760 11.8	30 .12600 12.6	31 .13020 13.0	33 .13860 13.9	35 .14700 14.7	38 .15960 16.0	42 .17640 17.6	45 .17640 17.6	48 .17640 17.6
350	25 .10500 10.5	27 .11340 11.3	29 .12180 12.2	30 .12600 12.6	32 .13440 13.4	34 .14280 14.3	36 .15120 15.1	39 .16380 16.4	43 .16380 16.4	46 .16380 16.4	49 .16380 16.4
375	26 .10920 10.9	28 .11760 11.8	29 .12180 12.2	31 .13020 13.0	32 .13440 13.4	35 .14700 14.7	37 .15540 15.5	40 .16800 16.8	44 .16800 16.8	47 .16800 16.8	50 .16800 16.8
400	26 .10920 10.9	28 .11760 11.8	30 .12600 12.6	32 .13440 13.4	33 .13860 13.9	36 .15120 15.1	38 .15960 16.0	41 .17220 17.2	45 .17220 17.2	48 .17220 17.2	51 .17220 17.2

NA: Para cada espaciamiento y carga se presenta :
- Altura (cm)
- Volumen (M3)
- Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 7.0
Luz (cm) = 650.

Espaciamiento (cm)										
40	50	60	70	80	100	120	150	200	250	300
14 .06370 5.9	16 .07280 6.7	17 .07735 7.1	17 .07735 7.1	18 .08190 7.6	19 .08645 8.0	21 .09555 8.8	22 .10010 9.2	24 .10920 10.1	26 .11830 10.9	28 .12740 11.8
17 .07735 7.1	18 .08190 7.6	19 .08645 8.0	20 .09100 8.4	21 .09555 8.8	22 .10010 9.2	24 .10920 10.1	25 .11375 10.5	28 .12740 11.8	30 .13650 12.6	32 .14560 13.4
18 .08190 7.6	19 .08645 8.0	21 .09555 8.8	22 .10010 9.2	23 .10465 9.7	24 .10920 10.1	26 .11830 10.9	28 .12740 11.8	31 .14105 13.0	33 .15015 13.9	35 .15925 14.7
19 .08645 8.0	21 .09555 8.8	22 .10010 9.2	23 .10465 9.7	24 .10920 10.1	26 .11830 10.9	28 .12740 11.8	30 .13650 12.6	33 .15015 13.9	35 .15925 14.7	38 .17290 16.0
21 .09555 8.8	22 .10010 9.2	24 .10920 10.1	25 .11375 10.5	26 .11830 10.9	28 .12740 11.8	30 .13650 12.6	32 .14560 13.4	35 .15925 14.7	38 .17290 16.0	40 .18200 16.8
22 .10010 9.2	23 .10465 9.7	25 .11375 10.5	26 .11830 10.9	27 .12285 11.3	29 .13195 12.2	31 .14105 13.0	34 .15470 14.3	37 .16835 15.5	40 .18200 16.8	42 .19110 17.6
23 .10465 9.7	24 .10920 10.1	26 .11830 10.9	27 .12285 11.3	28 .12740 11.8	31 .14105 13.0	33 .15015 13.9	35 .15925 14.7	38 .17290 16.0	41 .18655 17.2	44 .18655 17.2
24 .10920 10.1	25 .11375 10.5	27 .12285 11.3	28 .12740 11.8	30 .13650 12.6	32 .14560 13.4	34 .15470 14.3	36 .16380 15.1	40 .18200 16.8	43 .18200 16.8	46 .18200 16.8
24 .10920 10.1	26 .11830 10.9	28 .12740 11.8	29 .13195 12.2	31 .14105 13.0	33 .15015 13.9	35 .15925 14.7	38 .17290 16.0	41 .18655 17.2	45 .18655 17.2	47 .18655 17.2
25 .11375 10.5	27 .12285 11.3	29 .13195 12.2	30 .13650 12.6	32 .14560 13.4	34 .15470 14.3	36 .16380 15.1	39 .17745 16.4	43 .17745 16.4	46 .17745 16.4	49 .17745 16.4
26 .11830 10.9	28 .12740 11.8	30 .13650 12.6	31 .14105 13.0	33 .15015 13.9	35 .15925 14.7	37 .16835 15.5	40 .18200 16.8	44 .18200 16.8	47 .18200 16.8	50 .18200 16.8
27 .12285 11.3	29 .13195 12.2	30 .13650 12.6	32 .14560 13.4	33 .15015 13.9	36 .16380 15.1	38 .17290 16.0	41 .18655 17.2	45 .18655 17.2	49 .18655 17.2	52 .18655 17.2
27 .12285 11.3	29 .13195 12.2	31 .14105 13.0	33 .15015 13.9	34 .15470 14.3	37 .16835 15.5	39 .17745 16.4	42 .19110 17.6	46 .19110 17.6	50 .19110 17.6	53 .19110 17.6
28 .12740 11.8	30 .13650 12.6	32 .14560 13.4	34 .15470 14.3	35 .15925 14.7	38 .17290 16.0	40 .18200 16.8	43 .18200 16.8	47 .18200 16.8	51 .18200 16.8	54 .18200 16.8
28 .12740 11.8	31 .14105 13.0	33 .15015 13.9	34 .15470 14.3	36 .16380 15.1	38 .17290 16.0	41 .18655 17.2	44 .18655 17.2	48 .18655 17.2	52 .18655 17.2	55 .18655 17.2

ra cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 7.0
Luz (cm) = 700.

Kg/M2	Espaciamiento (cm)										
	40	50	60	70	80	100	120	150	200	250	300
40	16 .07840 6.7	17 .08330 7.1	18 .08820 7.6	19 .09310 8.0	19 .09310 8.0	21 .10290 8.8	22 .10780 9.2	24 .11760 10.1	26 .12740 10.9	28 .13720 11.8	30 .14700 12.6
50	18 .08820 7.6	19 .09310 8.0	20 .09800 8.4	21 .10290 8.8	22 .10780 9.2	24 .11760 10.1	25 .12250 10.5	27 .13230 11.3	30 .14700 12.6	32 .15680 13.4	34 .16660 14.3
60	19 .09310 8.0	21 .10290 8.8	22 .10780 9.2	23 .11270 9.7	24 .11760 10.1	26 .12740 10.9	28 .13720 11.8	30 .14700 12.6	33 .16170 13.9	35 .17150 14.7	38 .18620 16.0
70	21 .10290 8.8	23 .11270 9.7	24 .11760 10.1	25 .12250 10.5	26 .12740 10.9	28 .13720 11.8	30 .14700 12.6	32 .15680 13.4	35 .17150 14.7	38 .18620 16.0	41 .20090 17.2
80	22 .10780 9.2	24 .11760 10.1	25 .12250 10.5	27 .13230 11.3	28 .13720 11.8	30 .14700 12.6	32 .15680 13.4	34 .16660 14.3	38 .18620 16.0	41 .20090 17.2	43 .20090 17.2
90	23 .11270 9.7	25 .12250 10.5	27 .13230 11.3	28 .13720 11.8	29 .14210 12.2	32 .15680 13.4	34 .16660 14.3	36 .17640 15.1	40 .19600 16.8	43 .19600 16.8	45 .19600 16.8
100	24 .11760 10.1	26 .12740 10.9	28 .13720 11.8	29 .14210 12.2	31 .15190 13.0	33 .16170 13.9	35 .17150 14.7	38 .18620 16.0	41 .20090 17.2	45 .20090 17.2	47 .20090 17.2
110	25 .12250 10.5	27 .13230 11.3	29 .14210 12.2	30 .14700 12.6	32 .15680 13.4	34 .16660 14.3	36 .17640 15.1	39 .19110 16.4	43 .19110 16.4	46 .19110 16.4	49 .19110 16.4
120	26 .12740 10.9	28 .13720 11.8	30 .14700 12.6	32 .15680 13.4	33 .16170 13.9	35 .17150 14.7	38 .18620 16.0	41 .20090 17.2	45 .20090 17.2	48 .20090 17.2	51 .20090 17.2
130	27 .13230 11.3	29 .14210 12.2	31 .15190 13.0	33 .16170 13.9	34 .16660 14.3	37 .18130 15.5	39 .19110 16.4	42 .20580 17.6	46 .20580 17.6	50 .20580 17.6	53 .20580 17.6
140	28 .13720 11.8	30 .14700 12.6	32 .15680 13.4	34 .16660 14.3	35 .17150 14.7	38 .18620 16.0	40 .19600 16.8	43 .19600 16.8	47 .19600 16.8	51 .19600 16.8	54 .19600 16.8
150	29 .14210 12.2	31 .15190 13.0	33 .16170 13.9	34 .16660 14.3	36 .17640 15.1	39 .19110 16.4	41 .20090 17.2	44 .20090 17.2	49 .20090 17.2	52 .20090 17.2	56 .20090 17.2
160	29 .14210 12.2	32 .15680 13.4	34 .16660 14.3	35 .17150 14.7	37 .18130 15.5	40 .19600 16.8	42 .20580 17.6	45 .20580 17.6	50 .20580 17.6	54 .20580 17.6	57 .20580 17.6
170	30 .14700 12.6	32 .15680 13.4	34 .16660 14.3	36 .17640 15.1	38 .18620 16.0	41 .20090 17.2	43 .20090 17.2	46 .20090 17.2	51 .20090 17.2	55 .20090 17.2	58 .20090 17.2
180	31 .15190 13.0	33 .16170 13.9	35 .17150 14.7	37 .18130 15.5	38 .18620 16.0	41 .20090 17.2	44 .20090 17.2	47 .20090 17.2	52 .20090 17.2	56 .20090 17.2	60 .20090 17.2

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 7.0
Luz (cm) = 750.

Espaciamiento (cm)

40	50	60	70	80	100	120	150	200	250	300
17 .08925 7.1	18 .09450 7.6	19 .09975 8.0	20 .10500 8.4	21 .11025 8.8	22 .11550 9.2	24 .12600 10.1	26 .13650 10.9	28 .14700 11.8	30 .15750 12.6	32 .16800 13.4
19 .09975 8.0	20 .10500 8.4	22 .11550 9.2	23 .12075 9.7	24 .12600 10.1	26 .13650 10.9	27 .14175 11.3	29 .15225 12.2	32 .16800 13.4	35 .18375 14.7	37 .19425 15.5
21 .11025 8.8	22 .11550 9.2	24 .12600 10.1	25 .13125 10.5	26 .13650 10.9	28 .14700 11.8	30 .15750 12.6	32 .16800 13.4	35 .18375 14.7	38 .19950 16.0	40 .21000 16.8
22 .11550 9.2	24 .12600 10.1	26 .13650 10.9	27 .14175 11.3	28 .14700 11.8	30 .15750 12.6	32 .16800 13.4	35 .18375 14.7	38 .19950 16.0	41 .21525 17.2	43 .21525 17.2
24 .12600 10.1	26 .13650 10.9	27 .14175 11.3	29 .15225 12.2	30 .15750 12.6	32 .16800 13.4	34 .17850 14.3	37 .19425 15.5	40 .21000 16.8	43 .21000 16.8	46 .21000 16.8
25 .13125 10.5	27 .14175 11.3	29 .15225 12.2	30 .15750 12.6	31 .16275 13.0	34 .17850 14.3	36 .18900 15.1	39 .20475 16.4	42 .22050 17.6	46 .22050 17.6	49 .22050 17.6
26 .13650 10.9	28 .14700 11.8	30 .15750 12.6	31 .16275 13.0	33 .17325 13.9	35 .18375 14.7	37 .19425 15.5	40 .21000 16.8	44 .21000 16.8	48 .21000 16.8	51 .21000 16.8
27 .14175 11.3	29 .15225 12.2	31 .16275 13.0	33 .17325 13.9	34 .17850 14.3	37 .19425 15.5	39 .20475 16.4	42 .22050 17.6	46 .22050 17.6	50 .22050 17.6	53 .22050 17.6
28 .14700 11.8	30 .15750 12.6	32 .16800 13.4	34 .17850 14.3	35 .18375 14.7	38 .19950 16.0	40 .21000 16.8	43 .21000 16.8	48 .21000 16.8	51 .21000 16.8	55 .21000 16.8
29 .15225 12.2	31 .16275 13.0	33 .17325 13.9	35 .18375 14.7	36 .18900 15.1	39 .20475 16.4	42 .22050 17.6	45 .22050 17.6	49 .22050 17.6	53 .22050 17.6	56 .22050 17.6
30 .15750 12.6	32 .16800 13.4	34 .17850 14.3	36 .18900 15.1	37 .19425 15.5	40 .21000 16.8	43 .21000 16.8	46 .21000 16.8	51 .21000 16.8	55 .21000 16.8	58 .21000 16.8
31 .16275 13.0	33 .17325 13.9	35 .18375 14.7	37 .19425 15.5	38 .19950 16.0	41 .21525 17.2	44 .21525 17.2	47 .21525 17.2	52 .21525 17.2	56 .21525 17.2	60 .21525 17.2
31 .16275 13.0	34 .17850 14.3	36 .18900 15.1	38 .19950 16.0	39 .20475 16.4	42 .22050 17.6	45 .22050 17.6	49 .22050 17.6	53 .22050 17.6	57 .22050 17.6	61 .22050 17.6
32 .16800 13.4	35 .18375 14.7	37 .19425 15.5	39 .20475 16.4	40 .21000 16.8	43 .21000 16.8	46 .21000 16.8	50 .21000 16.8	55 .21000 16.8	59 .21000 16.8	62 .21000 16.8
33 .17325 13.9	35 .18375 14.7	37 .19425 15.5	39 .20475 16.4	41 .21525 17.2	44 .21525 17.2	47 .21525 17.2	51 .21525 17.2	56 .21525 17.2	60 .21525 17.2	64 .21525 17.2

ara cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 7.0
Luz (cm) = 800.

Espaciamiento (cm)

40	50	60	70	80	100	120	150	200	250	300
18 .10080 7.6	19 .10640 8.0	20 .11200 8.4	21 .11760 8.8	22 .12320 9.2	24 .13440 10.1	25 .14000 10.5	27 .15120 11.3	30 .16800 12.6	32 .17920 13.4	34 .19040 14.3
20 .11200 8.4	22 .12320 9.2	23 .12880 9.7	24 .13440 10.1	25 .14000 10.5	27 .15120 11.3	29 .16240 12.2	31 .17360 13.0	34 .19040 14.3	37 .20720 15.5	39 .21840 16.4
22 .12320 9.2	24 .13440 10.1	25 .14000 10.5	27 .15120 11.3	28 .15680 11.8	30 .16800 12.6	32 .17920 13.4	34 .19040 14.3	38 .21280 16.0	40 .22400 16.8	43 .22400 16.8
24 .13440 10.1	26 .14560 10.9	27 .15120 11.3	29 .16240 12.2	30 .16800 12.6	32 .17920 13.4	34 .19040 14.3	37 .20720 15.5	40 .22400 16.8	44 .22400 16.8	46 .22400 16.8
25 .14000 10.5	27 .15120 11.3	29 .16240 12.2	30 .16800 12.6	32 .17920 13.4	34 .19040 14.3	36 .20160 15.1	39 .21840 16.4	43 .21840 16.4	46 .21840 16.4	49 .21840 16.4
27 .15120 11.3	29 .16240 12.2	30 .16800 12.6	32 .17920 13.4	33 .18480 13.9	36 .20160 15.1	38 .21280 16.0	41 .22960 17.2	45 .22960 17.2	49 .22960 17.2	52 .22960 17.2
28 .15680 11.8	30 .16800 12.6	32 .17920 13.4	33 .18480 13.9	35 .19600 14.7	38 .21280 16.0	40 .22400 16.8	43 .22400 16.8	47 .22400 16.8	51 .22400 16.8	54 .22400 16.8
29 .16240 12.2	31 .17360 13.0	33 .18480 13.9	35 .19600 14.7	36 .20160 15.1	39 .21840 16.4	42 .23520 17.6	45 .23520 17.6	49 .23520 17.6	53 .23520 17.6	56 .23520 17.6
30 .16800 12.6	32 .17920 13.4	34 .19040 14.3	36 .20160 15.1	38 .21280 16.0	40 .22400 16.8	43 .22400 16.8	46 .22400 16.8	51 .22400 16.8	55 .22400 16.8	58 .22400 16.8
31 .17360 13.0	33 .18480 13.9	35 .19600 14.7	37 .20720 15.5	39 .21840 16.4	42 .23520 17.6	44 .23520 17.6	48 .23520 17.6	53 .23520 17.6	57 .23520 17.6	60 .23520 17.6
32 .17920 13.4	34 .19040 14.3	36 .20160 15.1	38 .21280 16.0	40 .22400 16.8	43 .22400 16.8	46 .22400 16.8	49 .22400 16.8	54 .22400 16.8	58 .22400 16.8	62 .22400 16.8
33 .18480 13.9	35 .19600 14.7	37 .20720 15.5	39 .21840 16.4	41 .22960 17.2	44 .22960 17.2	47 .22960 17.2	50 .22960 17.2	55 .22960 17.2	60 .22960 17.2	63 .22960 17.2
33 .18480 13.9	36 .20160 15.1	38 .21280 16.0	40 .22400 16.8	42 .23520 17.6	45 .23520 17.6	48 .23520 17.6	52 .23520 17.6	57 .23520 17.6	61 .23520 17.6	65 .23520 17.6
34 .19040 14.3	37 .20720 15.5	39 .21840 16.4	41 .22960 17.2	43 .22960 17.2	46 .22960 17.2	49 .22960 17.2	53 .22960 17.2	58 .22960 17.2	63 .22960 17.2	67 .22960 17.2
35 .19600 14.7	38 .21280 16.0	40 .22400 16.8	42 .23520 17.6	44 .23520 17.6	47 .23520 17.6	50 .23520 17.6	54 .23520 17.6	59 .23520 17.6	64 .23520 17.6	68 .23520 17.6

Para cada espaciamiento y carga se presenta :
- Altura (cm)
- Volumen (M3)
- Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 7.0
Luz (cm) = 850.

Espaciamiento (cm)

40	50	60	70	80	100	120	150	200	250	300
19 .11305 8.0	20 .11900 8.4	21 .12495 8.8	23 .13685 9.7	24 .14280 10.1	25 .14875 10.5	27 .16065 11.3	29 .17255 12.2	32 .19040 13.4	34 .20230 14.3	36 .21420 15.1
21 .12495 8.8	23 .13685 9.7	24 .14280 10.1	26 .15470 10.9	27 .16065 11.3	29 .17255 12.2	31 .18445 13.0	33 .19635 13.9	36 .21420 15.1	39 .23205 16.4	42 .24990 17.6
24 .14280 10.1	25 .14875 10.5	27 .16065 11.3	28 .16660 11.8	30 .17850 12.6	32 .19040 13.4	34 .20230 14.3	36 .21420 15.1	40 .23800 16.8	43 .23800 16.8	46 .23800 16.8
25 .14875 10.5	27 .16065 11.3	29 .17255 12.2	30 .17850 12.6	32 .19040 13.4	34 .20230 14.3	36 .21420 15.1	39 .23205 16.4	43 .23205 16.4	46 .23205 16.4	49 .23205 16.4
27 .16065 11.3	29 .17255 12.2	31 .18445 13.0	32 .19040 13.4	34 .20230 14.3	36 .21420 15.1	39 .23205 16.4	42 .24990 17.6	46 .24990 17.6	49 .24990 17.6	52 .24990 17.6
28 .16660 11.8	30 .17850 12.6	32 .19040 13.4	34 .20230 14.3	36 .21420 15.1	38 .22610 16.0	41 .24395 17.2	44 .24395 17.2	48 .24395 17.2	52 .24395 17.2	55 .24395 17.2
30 .17850 12.6	32 .19040 13.4	34 .20230 14.3	36 .21420 15.1	37 .22015 15.5	40 .23800 16.8	42 .24990 17.6	46 .24990 17.6	50 .24990 17.6	54 .24990 17.6	57 .24990 17.6
31 .18445 13.0	33 .19635 13.9	35 .20825 14.7	37 .22015 15.5	39 .23205 16.4	42 .24990 17.6	44 .24990 17.6	47 .24990 17.6	52 .24990 17.6	56 .24990 17.6	60 .24990 17.6
32 .19040 13.4	34 .20230 14.3	36 .21420 15.1	38 .22610 16.0	40 .23800 16.8	43 .23800 16.8	46 .23800 16.8	49 .23800 16.8	54 .23800 16.8	58 .23800 16.8	62 .23800 16.8
33 .19635 13.9	35 .20825 14.7	37 .22015 15.5	39 .23205 16.4	41 .24395 17.2	44 .24395 17.2	47 .24395 17.2	51 .24395 17.2	56 .24395 17.2	60 .24395 17.2	64 .24395 17.2
34 .20230 14.3	36 .21420 15.1	39 .23205 16.4	41 .24395 17.2	42 .24990 17.6	46 .24990 17.6	48 .24990 17.6	52 .24990 17.6	57 .24990 17.6	62 .24990 17.6	66 .24990 17.6
35 .20825 14.7	37 .22015 15.5	40 .23800 16.8	42 .24990 17.6	44 .24990 17.6	47 .24990 17.6	50 .24990 17.6	54 .24990 17.6	59 .24990 17.6	63 .24990 17.6	67 .24990 17.6
36 .21420 15.1	38 .22610 16.0	41 .24395 17.2	43 .24395 17.2	45 .24395 17.2	48 .24395 17.2	51 .24395 17.2	55 .24395 17.2	60 .24395 17.2	65 .24395 17.2	69 .24395 17.2
36 .21420 15.1	39 .23205 16.4	42 .24990 17.6	44 .24990 17.6	46 .24990 17.6	49 .24990 17.6	52 .24990 17.6	56 .24990 17.6	62 .24990 17.6	67 .24990 17.6	71 .24990 17.6
37 .22015 15.5	40 .23800 16.8	42 .24990 17.6	45 .24990 17.6	47 .24990 17.6	50 .24990 17.6	53 .24990 17.6	57 .24990 17.6	63 .24990 17.6	68 .24990 17.6	72 .24990 17.6

ara cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 7.0
Luz (cm) = 900.

Espaciamiento (cm)										
40	50	60	70	80	100	120	150	200	250	300
20 .12600 8.4	21 .13230 8.8	23 .14490 9.7	24 .15120 10.1	25 .15750 10.5	27 .17010 11.3	28 .17640 11.8	31 .19530 13.0	34 .21420 14.3	36 .22680 15.1	38 .23940 16.0
23 .14490 9.7	24 .15120 10.1	26 .16380 10.9	27 .17010 11.3	28 .17640 11.8	31 .19530 13.0	33 .20790 13.9	35 .22050 14.7	38 .23940 16.0	41 .25830 17.2	44 .25830 17.2
25 .15750 10.5	27 .17010 11.3	28 .17640 11.8	30 .18900 12.6	31 .19530 13.0	34 .21420 14.3	36 .22680 15.1	38 .23940 16.0	42 .26460 17.6	45 .26460 17.6	48 .26460 17.6
27 .17010 11.3	29 .18270 12.2	31 .19530 13.0	32 .20160 13.4	34 .21420 14.3	36 .22680 15.1	38 .23940 16.0	41 .25830 17.2	45 .25830 17.2	49 .25830 17.2	52 .25830 17.2
28 .17640 11.8	31 .19530 13.0	33 .20790 13.9	34 .21420 14.3	36 .22680 15.1	38 .23940 16.0	41 .25830 17.2	44 .25830 17.2	48 .25830 17.2	52 .25830 17.2	55 .25830 17.2
30 .18900 12.6	32 .20160 13.4	34 .21420 14.3	36 .22680 15.1	38 .23940 16.0	40 .25200 16.8	43 .25200 16.8	46 .25200 16.8	51 .25200 16.8	55 .25200 16.8	58 .25200 16.8
31 .19530 13.0	34 .21420 14.3	36 .22680 15.1	38 .23940 16.0	39 .24570 16.4	42 .26460 17.6	45 .26460 17.6	48 .26460 17.6	53 .26460 17.6	57 .26460 17.6	61 .26460 17.6
33 .20790 13.9	35 .22050 14.7	37 .23310 15.5	39 .24570 16.4	41 .25830 17.2	44 .25830 17.2	47 .25830 17.2	50 .25830 17.2	55 .25830 17.2	59 .25830 17.2	63 .25830 17.2
34 .21420 14.3	36 .22680 15.1	38 .23940 16.0	40 .25200 16.8	42 .26460 17.6	45 .26460 17.6	48 .26460 17.6	52 .26460 17.6	57 .26460 17.6	62 .26460 17.6	65 .26460 17.6
35 .22050 14.7	37 .23310 15.5	40 .25200 16.8	42 .26460 17.6	44 .26460 17.6	47 .26460 17.6	50 .26460 17.6	54 .26460 17.6	59 .26460 17.6	64 .26460 17.6	67 .26460 17.6
36 .22680 15.1	38 .23940 16.0	41 .25830 17.2	43 .25830 17.2	45 .25830 17.2	48 .25830 17.2	51 .25830 17.2	55 .25830 17.2	61 .25830 17.2	65 .25830 17.2	69 .25830 17.2
37 .23310 15.5	39 .24570 16.4	42 .26460 17.6	44 .26460 17.6	46 .26460 17.6	50 .26460 17.6	53 .26460 17.6	57 .26460 17.6	62 .26460 17.6	67 .26460 17.6	71 .26460 17.6
38 .23940 16.0	40 .25200 16.8	43 .25200 16.8	45 .25200 16.8	47 .25200 16.8	51 .25200 16.8	54 .25200 16.8	58 .25200 16.8	64 .25200 16.8	69 .25200 16.8	73 .25200 16.8
38 .23940 16.0	41 .25830 17.2	44 .25830 17.2	46 .25830 17.2	48 .25830 17.2	52 .25830 17.2	55 .25830 17.2	59 .25830 17.2	65 .25830 17.2	70 .25830 17.2	75 .25830 17.2
39 .24570 16.4	42 .26460 17.6	45 .26460 17.6	47 .26460 17.6	49 .26460 17.6	53 .26460 17.6	56 .26460 17.6	61 .26460 17.6	67 .26460 17.6	72 .26460 17.6	76 .26460 17.6

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

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DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 9.0
Luz (cm) = 300.

a 2	Espaciamiento (cm) 40	50	60	70	80	100	120	150	200	250	300	I I
	9 .02430 4.9	9 .02430 4.9	9 .02430 4.9	9 .02430 4.9	9 .02430 4.9	9 .02430 4.9	9 .02430 4.9	10 .02700 5.4	11 .02970 5.9	11 .02970 5.9	12 .03240 6.5	I I I
	9 .02430 4.9	9 .02430 4.9	9 .02430 4.9	9 .02430 4.9	9 .02430 4.9	10 .02700 5.4	10 .02700 5.4	11 .02970 5.9	12 .03240 6.5	13 .03510 7.0	14 .03780 7.6	I I I
	9 .02430 4.9	9 .02430 4.9	9 .02430 4.9	10 .02700 5.4	10 .02700 5.4	11 .02970 5.9	11 .02970 5.9	12 .03240 6.5	13 .03510 7.0	14 .03780 7.6	15 .04050 8.1	I I I
	9 .02430 4.9	9 .02430 4.9	10 .02700 5.4	10 .02700 5.4	11 .02970 5.9	11 .02970 5.9	12 .03240 6.5	13 .03510 7.0	14 .03780 7.6	15 .04050 8.1	16 .04320 8.6	I I I
	9 .02430 4.9	10 .02700 5.4	10 .02700 5.4	11 .02970 5.9	11 .02970 5.9	12 .03240 6.5	13 .03510 7.0	14 .03780 7.6	15 .04050 8.1	16 .04320 8.6	17 .04590 9.2	I I I
	10 .02700 5.4	10 .02700 5.4	11 .02970 5.9	11 .02970 5.9	12 .03240 6.5	13 .03510 7.0	14 .03780 7.6	15 .04050 8.1	16 .04320 8.6	17 .04590 9.2	18 .04860 9.7	I I I
	10 .02700 5.4	11 .02970 5.9	11 .02970 5.9	12 .03240 6.5	12 .03240 6.5	13 .03510 7.0	14 .03780 7.6	15 .04050 8.1	17 .04590 9.2	18 .04860 9.7	19 .05130 10.3	I I I
	10 .02700 5.4	11 .02970 5.9	12 .03240 6.5	12 .03240 6.5	13 .03510 7.0	14 .03780 7.6	15 .04050 8.1	16 .04320 8.6	17 .04590 9.2	19 .05130 10.3	20 .05400 10.8	I I I
	11 .02970 5.9	11 .02970 5.9	12 .03240 6.5	13 .03510 7.0	13 .03510 7.0	14 .03780 7.6	15 .04050 8.1	16 .04320 8.6	18 .04860 9.7	19 .05130 10.3	20 .05400 10.8	I I I
	11 .02970 5.9	12 .03240 6.5	13 .03510 7.0	13 .03510 7.0	14 .03780 7.6	15 .04050 8.1	16 .04320 8.6	17 .04590 9.2	18 .04860 9.7	20 .05400 10.8	21 .05670 11.3	I I I
	11 .02970 5.9	12 .03240 6.5	13 .03510 7.0	14 .03780 7.6	14 .03780 7.6	15 .04050 8.1	16 .04320 8.6	17 .04590 9.2	19 .05130 10.3	20 .05400 10.8	22 .05940 11.9	I I I
	12 .03240 6.5	12 .03240 6.5	13 .03510 7.0	14 .03780 7.6	14 .03780 7.6	16 .04320 8.6	16 .04320 8.6	18 .04860 9.7	19 .05130 10.3	21 .05670 11.3	22 .05940 11.9	I I I
	12 .03240 6.5	13 .03510 7.0	14 .03780 7.6	14 .03780 7.6	15 .04050 8.1	16 .04320 8.6	17 .04590 9.2	18 .04860 9.7	20 .05400 10.8	21 .05670 11.3	23 .06210 12.4	I I I
	12 .03240 6.5	13 .03510 7.0	14 .03780 7.6	15 .04050 8.1	15 .04050 8.1	16 .04320 8.6	17 .04590 9.2	19 .05130 10.3	20 .05400 10.8	22 .05940 11.9	23 .06210 12.4	I I I
	12 .03240 6.5	13 .03510 7.0	14 .03780 7.6	15 .04050 8.1	15 .04050 8.1	17 .04590 9.2	18 .04860 9.7	19 .05130 10.3	21 .05670 11.3	22 .05940 11.9	24 .06480 13.0	I I I

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 9.0
Luz (cm) = 350.

Espaciamiento (cm)

40	50	60	70	80	100	120	150	200	250	300
9 .02835 4.9	9 .02835 4.9	9 .02835 4.9	9 .02835 4.9	9 .02835 4.9	10 .03150 5.4	10 .03150 5.4	11 .03465 5.9	12 .03780 6.5	13 .04095 7.0	14 .04410 7.6
9 .02835 4.9	9 .02835 4.9	10 .03150 5.4	10 .03150 5.4	10 .03150 5.4	11 .03465 5.9	12 .03780 6.5	13 .04095 7.0	14 .04410 7.6	15 .04725 8.1	16 .05040 8.6
9 .02835 4.9	10 .03150 5.4	10 .03150 5.4	11 .03465 5.9	12 .03780 6.5	12 .03780 6.5	13 .04095 7.0	14 .04410 7.6	15 .04725 8.1	17 .05355 9.2	18 .05670 9.7
10 .03150 5.4	11 .03465 5.9	11 .03465 5.9	12 .03780 6.5	12 .03780 6.5	13 .04095 7.0	14 .04410 7.6	15 .04725 8.1	17 .05355 9.2	18 .05670 9.7	19 .05985 10.3
10 .03150 5.4	11 .03465 5.9	12 .03780 6.5	13 .04095 7.0	13 .04095 7.0	14 .04410 7.6	15 .04725 8.1	16 .05040 8.6	18 .05670 9.7	19 .05985 10.3	20 .06300 10.8
11 .03465 5.9	12 .03780 6.5	13 .04095 7.0	13 .04095 7.0	14 .04410 7.6	15 .04725 8.1	16 .05040 8.6	17 .05355 9.2	18 .05670 9.7	20 .06300 10.8	21 .06615 11.3
12 .03780 6.5	12 .03780 6.5	13 .04095 7.0	14 .04410 7.6	14 .04410 7.6	15 .04725 8.1	16 .05040 8.6	18 .05670 9.7	19 .05985 10.3	21 .06615 11.3	22 .06930 11.9
12 .03780 6.5	13 .04095 7.0	14 .04410 7.6	14 .04410 7.6	15 .04725 8.1	16 .05040 8.6	17 .05355 9.2	18 .05670 9.7	20 .06300 10.8	22 .06930 11.9	23 .07245 12.4
12 .03780 6.5	13 .04095 7.0	14 .04410 7.6	15 .04725 8.1	15 .04725 8.1	17 .05355 9.2	18 .05670 9.7	19 .05985 10.3	21 .06615 11.3	22 .06930 11.9	24 .07560 13.0
13 .04095 7.0	14 .04410 7.6	15 .04725 8.1	15 .04725 8.1	16 .05040 8.6	17 .05355 9.2	18 .05670 9.7	20 .06300 10.8	21 .06615 11.3	23 .07245 12.4	24 .07560 13.0
13 .04095 7.0	14 .04410 7.6	15 .04725 8.1	16 .05040 8.6	16 .05040 8.6	18 .05670 9.7	19 .05985 10.3	20 .06300 10.8	22 .06930 11.9	24 .07560 13.0	25 .07875 13.5
13 .04095 7.0	14 .04410 7.6	15 .04725 8.1	16 .05040 8.6	17 .05355 9.2	18 .05670 9.7	19 .05985 10.3	21 .06615 11.3	23 .07245 12.4	24 .07560 13.0	26 .08190 14.0
14 .04410 7.6	15 .04725 8.1	16 .05040 8.6	16 .05040 8.6	17 .05355 9.2	18 .05670 9.7	20 .06300 10.8	21 .06615 11.3	23 .07245 12.4	25 .07875 13.5	26 .08190 14.0
14 .04410 7.6	15 .04725 8.1	16 .05040 8.6	17 .05355 9.2	18 .05670 9.7	19 .05985 10.3	20 .06300 10.8	22 .06930 11.9	24 .07560 13.0	25 .07875 13.5	27 .08505 14.6
14 .04410 7.6	15 .04725 8.1	16 .05040 8.6	17 .05355 9.2	18 .05670 9.7	19 .05985 10.3	20 .06300 10.8	22 .06930 11.9	24 .07560 13.0	26 .08190 14.0	28 .08820 15.1

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 9.0
Luz (cm) = 400.

Espaciamiento (cm)

40	50	60	70	80	100	120	150	200	250	300
9 .03240 4.9	9 .03240 4.9	10 .03600 5.4	10 .03600 5.4	10 .03600 5.4	11 .03960 5.9	12 .04320 6.5	13 .04680 7.0	14 .05040 7.6	15 .05400 8.1	16 .05760 8.6
10 .03600 5.4	10 .03600 5.4	11 .03960 5.9	11 .03960 5.9	12 .04320 6.5	13 .04680 7.0	14 .05040 7.6	15 .05400 8.1	16 .05760 8.6	17 .06120 9.2	18 .06480 9.7
10 .03600 5.4	11 .03960 5.9	12 .04320 6.5	13 .04680 7.0	13 .04680 7.0	14 .05040 7.6	15 .05400 8.1	16 .05760 8.6	18 .06480 9.7	19 .06840 10.3	20 .07200 10.8
11 .03960 5.9	12 .04320 6.5	13 .04680 7.0	13 .04680 7.0	14 .05040 7.6	15 .05400 8.1	16 .05760 8.6	17 .06120 9.2	19 .06840 10.3	20 .07200 10.8	22 .07920 11.9
12 .04320 6.5	13 .04680 7.0	14 .05040 7.6	14 .05040 7.6	15 .05400 8.1	16 .05760 8.6	17 .06120 9.2	18 .06480 9.7	20 .07200 10.8	22 .07920 11.9	23 .08280 12.4
13 .04680 7.0	13 .04680 7.0	14 .05040 7.6	15 .05400 8.1	16 .05760 8.6	17 .06120 9.2	18 .06480 9.7	19 .06840 10.3	21 .07560 11.3	23 .08280 12.4	24 .08640 13.0
13 .04680 7.0	14 .05040 7.6	15 .05400 8.1	16 .05760 8.6	16 .05760 8.6	18 .06480 9.7	19 .06840 10.3	20 .07200 10.8	22 .07920 11.9	24 .08640 13.0	25 .09000 13.5
14 .05040 7.6	15 .05400 8.1	15 .05400 8.1	16 .05760 8.6	17 .06120 9.2	18 .06480 9.7	19 .06840 10.3	21 .07560 11.3	23 .08280 12.4	25 .09000 13.5	26 .09360 14.0
14 .05040 7.6	15 .05400 8.1	16 .05760 8.6	17 .06120 9.2	18 .06480 9.7	19 .06840 10.3	20 .07200 10.8	22 .07920 11.9	24 .08640 13.0	25 .09000 13.5	27 .09720 14.6
14 .05040 7.6	16 .05760 8.6	17 .06120 9.2	17 .06120 9.2	18 .06480 9.7	19 .06840 10.3	21 .07560 11.3	22 .07920 11.9	24 .08640 13.0	26 .09360 14.0	28 .10080 15.1
15 .05400 8.1	16 .05760 8.6	17 .06120 9.2	18 .06480 9.7	19 .06840 10.3	20 .07200 10.8	21 .07560 11.3	23 .08280 12.4	25 .09000 13.5	27 .09720 14.6	29 .10440 15.7
15 .05400 8.1	16 .05760 8.6	17 .06120 9.2	18 .06480 9.7	19 .06840 10.3	21 .07560 11.3	22 .07920 11.9	23 .08280 12.4	26 .09360 14.0	28 .10080 15.1	29 .10440 15.7
16 .05760 8.6	17 .06120 9.2	18 .06480 9.7	19 .06840 10.3	20 .07200 10.8	21 .07560 11.3	22 .07920 11.9	24 .08640 13.0	26 .09360 14.0	28 .10080 15.1	30 .10800 16.2
16 .05760 8.6	17 .06120 9.2	18 .06480 9.7	19 .06840 10.3	20 .07200 10.8	22 .07920 11.9	23 .08280 12.4	25 .09000 13.5	27 .09720 14.6	29 .10440 15.7	31 .11160 16.7
16 .05760 8.6	18 .06480 9.7	19 .06840 10.3	20 .07200 10.8	20 .07200 10.8	22 .07920 11.9	23 .08280 12.4	25 .09000 13.5	28 .10080 15.1	30 .10800 16.2	32 .11520 17.3

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 9.0
Luz (cm) = 450.

Espaciamiento (cm)

40	50	60	70	80	100	120	150	200	250	300
9 .03645 4.9	10 .04050 5.4	11 .04455 5.9	11 .04455 5.9	12 .04860 6.5	13 .05265 7.0	13 .05265 7.0	14 .05670 7.6	16 .06480 8.6	17 .06885 9.2	18 .07290 9.7
11 .04455 5.9	11 .04455 5.9	12 .04860 6.5	13 .05265 7.0	13 .05265 7.0	14 .05670 7.6	15 .06075 8.1	16 .06480 8.6	18 .07290 9.7	19 .07695 10.3	20 .08100 10.8
12 .04860 6.5	13 .05265 7.0	13 .05265 7.0	14 .05670 7.6	15 .06075 8.1	16 .06480 8.6	17 .06885 9.2	18 .07290 9.7	20 .08100 10.8	21 .08505 11.3	22 .08910 11.9
13 .05265 7.0	14 .05670 7.6	14 .05670 7.6	15 .06075 8.1	16 .06480 8.6	17 .06885 9.2	18 .07290 9.7	19 .07695 10.3	21 .08505 11.3	23 .09315 12.4	24 .09720 13.0
13 .05265 7.0	14 .05670 7.6	15 .06075 8.1	16 .06480 8.6	17 .06885 9.2	18 .07290 9.7	19 .07695 10.3	20 .08100 10.8	22 .08910 11.9	24 .09720 13.0	26 .10530 14.0
14 .05670 7.6	15 .06075 8.1	16 .06480 8.6	17 .06885 9.2	18 .07290 9.7	19 .07695 10.3	20 .08100 10.8	22 .08910 11.9	24 .09720 13.0	25 .10125 13.5	27 .10935 14.6
15 .06075 8.1	16 .06480 8.6	17 .06885 9.2	18 .07290 9.7	18 .07290 9.7	20 .08100 10.8	21 .08505 11.3	22 .08910 11.9	25 .10125 13.5	27 .10935 14.6	28 .11340 15.1
15 .06075 8.1	16 .06480 8.6	17 .06885 9.2	18 .07290 9.7	19 .07695 10.3	20 .08100 10.8	22 .08910 11.9	23 .09315 12.4	26 .10530 14.0	28 .11340 15.1	29 .11745 15.7
16 .06480 8.6	17 .06885 9.2	18 .07290 9.7	19 .07695 10.3	20 .08100 10.8	21 .08505 11.3	22 .08910 11.9	24 .09720 13.0	27 .10935 14.6	29 .11745 15.7	30 .12150 16.2
16 .06480 8.6	17 .06885 9.2	19 .07695 10.3	19 .07695 10.3	20 .08100 10.8	22 .08910 11.9	23 .09315 12.4	25 .10125 13.5	27 .10935 14.6	29 .11745 15.7	31 .12555 16.7
17 .06885 9.2	18 .07290 9.7	19 .07695 10.3	20 .08100 10.8	21 .08505 11.3	22 .08910 11.9	24 .09720 13.0	26 .10530 14.0	28 .11340 15.1	30 .12150 16.2	32 .12960 17.3
17 .06885 9.2	18 .07290 9.7	20 .08100 10.8	21 .08505 11.3	21 .08505 11.3	23 .09315 12.4	24 .09720 13.0	26 .10530 14.0	29 .11745 15.7	31 .12555 16.7	33 .13365 17.8
18 .07290 9.7	19 .07695 10.3	20 .08100 10.8	21 .08505 11.3	22 .08910 11.9	24 .09720 13.0	25 .10125 13.5	27 .10935 14.6	30 .12150 16.2	32 .12960 17.3	34 .13770 18.4
18 .07290 9.7	19 .07695 10.3	20 .08100 10.8	22 .08910 11.9	22 .08910 11.9	24 .09720 13.0	26 .10530 14.0	28 .11340 15.1	30 .12150 16.2	33 .13365 17.8	35 .14175 18.9
18 .07290 9.7	20 .08100 10.8	21 .08505 11.3	22 .08910 11.9	23 .09315 12.4	25 .10125 13.5	26 .10530 14.0	28 .11340 15.1	31 .12555 16.7	33 .13365 17.8	35 .14175 18.9

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 9.0
Luz (cm) = 500.

Espaciamiento (cm)

40	50	60	70	80	100	120	150	200	250	300
10 .04500 5.4	11 .04950 5.9	12 .05400 6.5	12 .05400 6.5	13 .05850 7.0	14 .06300 7.6	15 .06750 8.1	16 .07200 8.6	17 .07650 9.2	19 .08550 10.3	20 .09000 10.8
12 .05400 6.5	13 .05850 7.0	13 .05850 7.0	14 .06300 7.6	15 .06750 8.1	16 .07200 8.6	17 .07650 9.2	18 .08100 9.7	20 .09000 10.8	21 .09450 11.3	23 .10350 12.4
13 .05850 7.0	14 .06300 7.6	15 .06750 8.1	16 .07200 8.6	16 .07200 8.6	17 .07650 9.2	18 .08100 9.7	20 .09000 10.8	22 .09900 11.9	23 .10350 12.4	25 .11250 13.5
14 .06300 7.6	15 .06750 8.1	16 .07200 8.6	17 .07650 9.2	17 .07650 9.2	19 .08550 10.3	20 .09000 10.8	21 .09450 11.3	23 .10350 12.4	25 .11250 13.5	27 .12150 14.6
15 .06750 8.1	16 .07200 8.6	17 .07650 9.2	18 .08100 9.7	18 .08100 9.7	20 .09000 10.8	21 .09450 11.3	23 .10350 12.4	25 .11250 13.5	27 .12150 14.6	28 .12600 15.1
16 .07200 8.6	17 .07650 9.2	18 .08100 9.7	19 .08550 10.3	19 .08550 10.3	21 .09450 11.3	22 .09900 11.9	24 .10800 13.0	26 .11700 14.0	28 .12600 15.1	30 .13500 16.2
16 .07200 8.6	17 .07650 9.2	18 .08100 9.7	19 .08550 10.3	20 .09000 10.8	22 .09900 11.9	23 .10350 12.4	25 .11250 13.5	27 .12150 14.6	29 .13050 15.7	31 .13950 16.7
17 .07650 9.2	18 .08100 9.7	19 .08550 10.3	20 .09000 10.8	21 .09450 11.3	23 .10350 12.4	24 .10800 13.0	26 .11700 14.0	28 .12600 15.1	31 .13950 16.7	33 .14850 17.8
17 .07650 9.2	19 .08550 10.3	20 .09000 10.8	21 .09450 11.3	22 .09900 11.9	23 .10350 12.4	25 .11250 13.5	27 .12150 14.6	29 .13050 15.7	32 .14400 17.3	34 .15300 18.4
18 .08100 9.7	19 .08550 10.3	21 .09450 11.3	22 .09900 11.9	23 .10350 12.4	24 .10800 13.0	26 .11700 14.0	28 .12600 15.1	30 .13500 16.2	33 .14850 17.8	35 .15750 18.9
18 .08100 9.7	20 .09000 10.8	21 .09450 11.3	22 .09900 11.9	23 .10350 12.4	25 .11250 13.5	26 .11700 14.0	28 .12600 15.1	31 .13950 16.7	34 .15300 18.4	36 .16200 19.4
19 .08550 10.3	20 .09000 10.8	22 .09900 11.9	23 .10350 12.4	24 .10800 13.0	26 .11700 14.0	27 .12150 14.6	29 .13050 15.7	32 .14400 17.3	35 .15750 18.9	37 .16650 20.0
19 .08550 10.3	21 .09450 11.3	22 .09900 11.9	23 .10350 12.4	24 .10800 13.0	26 .11700 14.0	28 .12600 15.1	30 .13500 16.2	33 .14850 17.8	35 .15750 18.9	38 .17100 20.5
20 .09000 10.8	21 .09450 11.3	23 .10350 12.4	24 .10800 13.0	25 .11250 13.5	27 .12150 14.6	28 .12600 15.1	31 .13950 16.7	34 .15300 18.4	36 .16200 19.4	38 .17100 20.5
20 .09000 10.8	22 .09900 11.9	23 .10350 12.4	24 .10800 13.0	25 .11250 13.5	27 .12150 14.6	29 .13050 15.7	31 .13950 16.7	34 .15300 18.4	37 .16650 20.0	39 .17550 21.1

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 9.0
Luz (cm) = 550.

Carga (Kg/m2)	Espaciamiento (cm)										
	40	50	60	70	80	100	120	150	200	250	300
	11 .05445 5.9	12 .05940 6.5	13 .06435 7.0	14 .06930 7.6	14 .06930 7.6	15 .07425 8.1	16 .07920 8.6	17 .08415 9.2	19 .09405 10.3	21 .10395 11.3	22 .10890 11.9
	13 .06435 7.0	14 .06930 7.6	15 .07425 8.1	16 .07920 8.6	16 .07920 8.6	17 .08415 9.2	18 .08910 9.7	20 .09900 10.8	22 .10890 11.9	23 .11385 12.4	25 .12375 13.5
	14 .06930 7.6	15 .07425 8.1	16 .07920 8.6	17 .08415 9.2	18 .08910 9.7	19 .09405 10.3	20 .09900 10.8	22 .10890 11.9	24 .11880 13.0	26 .12870 14.0	27 .13365 14.6
	15 .07425 8.1	16 .07920 8.6	17 .08415 9.2	18 .08910 9.7	19 .09405 10.3	21 .10395 11.3	22 .10890 11.9	23 .11385 12.4	26 .12870 14.0	28 .13860 15.1	29 .14355 15.7
	16 .07920 8.6	17 .08415 9.2	18 .08910 9.7	19 .09405 10.3	20 .09900 10.8	22 .10890 11.9	23 .11385 12.4	25 .12375 13.5	27 .13365 14.6	29 .14355 15.7	31 .15345 16.7
	17 .08415 9.2	18 .08910 9.7	19 .09405 10.3	20 .09900 10.8	21 .10395 11.3	23 .11385 12.4	24 .11880 13.0	26 .12870 14.0	29 .14355 15.7	31 .15345 16.7	33 .16335 17.8
	18 .08910 9.7	19 .09405 10.3	20 .09900 10.8	21 .10395 11.3	22 .10890 11.9	24 .11880 13.0	25 .12375 13.5	27 .13365 14.6	30 .14850 16.2	32 .15840 17.3	34 .16830 18.4
	18 .08910 9.7	20 .09900 10.8	21 .10395 11.3	22 .10890 11.9	23 .11385 12.4	25 .12375 13.5	26 .12870 14.0	28 .13860 15.1	31 .15345 16.7	34 .16830 18.4	36 .17820 19.4
	19 .09405 10.3	21 .10395 11.3	22 .10890 11.9	23 .11385 12.4	24 .11880 13.0	26 .12870 14.0	27 .13365 14.6	29 .14355 15.7	32 .15840 17.3	35 .17325 18.9	37 .18315 20.0
	20 .09900 10.8	21 .10395 11.3	23 .11385 12.4	24 .11880 13.0	25 .12375 13.5	27 .13365 14.6	28 .13860 15.1	30 .14850 16.2	33 .16335 17.8	36 .17820 19.4	38 .18810 20.5
	20 .09900 10.8	22 .10890 11.9	23 .11385 12.4	24 .11880 13.0	25 .12375 13.5	27 .13365 14.6	29 .14355 15.7	31 .15345 16.7	34 .16830 18.4	37 .18315 20.0	39 .19305 21.1
	21 .10395 11.3	22 .10890 11.9	24 .11880 13.0	25 .12375 13.5	26 .12870 14.0	28 .13860 15.1	30 .14850 16.2	32 .15840 17.3	35 .17325 18.9	38 .18810 20.5	40 .19800 21.6
	21 .10395 11.3	23 .11385 12.4	24 .11880 13.0	26 .12870 14.0	27 .13365 14.6	29 .14355 15.7	31 .15345 16.7	33 .16335 17.8	36 .17820 19.4	39 .19305 21.1	41 .20295 22.1
	22 .10890 11.9	23 .11385 12.4	25 .12375 13.5	26 .12870 14.0	27 .13365 14.6	29 .14355 15.7	31 .15345 16.7	34 .16830 18.4	37 .18315 20.0	40 .19800 21.6	42 .20790 22.7
	22 .10890 11.9	24 .11880 13.0	25 .12375 13.5	27 .13365 14.6	28 .13860 15.1	30 .14850 16.2	32 .15840 17.3	34 .16830 18.4	38 .18810 20.5	41 .20295 22.1	43 .21285 23.2

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 9.0
Luz (cm) = 600.

Espaciamiento (cm)										
40	50	60	70	80	100	120	150	200	250	300
12 .06480 6.5	13 .07020 7.0	14 .07560 7.6	15 .08100 8.1	15 .08100 8.1	17 .09180 9.2	18 .09720 9.7	19 .10260 10.3	21 .11340 11.3	22 .11880 11.9	24 .12960 13.0
14 .07560 7.6	15 .08100 8.1	16 .08640 8.6	17 .09180 9.2	18 .09720 9.7	19 .10260 10.3	20 .10800 10.8	22 .11830 11.9	24 .12960 13.0	26 .14040 14.0	27 .14580 14.6
15 .08100 8.1	17 .09180 9.2	18 .09720 9.7	19 .10260 10.3	19 .10260 10.3	21 .11340 11.3	22 .11880 11.9	24 .12960 13.0	26 .14040 14.0	28 .15120 15.1	30 .16200 16.2
17 .09180 9.2	18 .09720 9.7	19 .10260 10.3	20 .10800 10.8	21 .11340 11.3	22 .11880 11.9	24 .12960 13.0	26 .14040 14.0	28 .15120 15.1	30 .16200 16.2	32 .17280 17.3
18 .09720 9.7	19 .10260 10.3	20 .10800 10.8	21 .11340 11.3	22 .11880 11.9	24 .12960 13.0	25 .13500 13.5	27 .14580 14.6	30 .16200 16.2	32 .17280 17.3	34 .18360 18.4
19 .10260 10.3	20 .10800 10.8	21 .11340 11.3	22 .11880 11.9	23 .12420 12.4	25 .13500 13.5	27 .14580 14.6	29 .15660 15.7	31 .16740 16.7	34 .18360 18.4	36 .19440 19.4
19 .10260 10.3	21 .11340 11.3	22 .11880 11.9	23 .12420 12.4	24 .12960 13.0	26 .14040 14.0	28 .15120 15.1	30 .16200 16.2	33 .17820 17.8	35 .18900 18.9	37 .19980 20.0
20 .10800 10.8	22 .11880 11.9	23 .12420 12.4	24 .12960 13.0	25 .13500 13.5	27 .14580 14.6	29 .15660 15.7	31 .16740 16.7	34 .18360 18.4	37 .19980 20.0	39 .21060 21.1
21 .11340 11.3	22 .11880 11.9	24 .12960 13.0	25 .13500 13.5	26 .14040 14.0	28 .15120 15.1	30 .16200 16.2	32 .17280 17.3	35 .18900 18.9	38 .20520 20.5	40 .21600 21.6
21 .11340 11.3	23 .12420 12.4	25 .13500 13.5	26 .14040 14.0	27 .14580 14.6	29 .15660 15.7	31 .16740 16.7	33 .17820 17.8	36 .19440 19.4	39 .21060 21.1	42 .22680 22.7
22 .11880 11.9	24 .12960 13.0	25 .13500 13.5	27 .14580 14.6	28 .15120 15.1	30 .16200 16.2	32 .17280 17.3	34 .18360 18.4	37 .19980 20.0	40 .21600 21.6	43 .23220 23.2
23 .12420 12.4	24 .12960 13.0	26 .14040 14.0	27 .14580 14.6	28 .15120 15.1	31 .16740 16.7	32 .17280 17.3	35 .18900 18.9	38 .20520 20.5	41 .22140 22.1	44 .23760 23.8
23 .12420 12.4	25 .13500 13.5	27 .14580 14.6	28 .15120 15.1	29 .15660 15.7	31 .16740 16.7	33 .17820 17.8	36 .19440 19.4	39 .21060 21.1	42 .22680 22.7	45 .24300 24.3
24 .12960 13.0	26 .14040 14.0	27 .14580 14.6	29 .15660 15.7	30 .16200 16.2	32 .17280 17.3	34 .18360 18.4	37 .19980 20.0	40 .21600 21.6	43 .23220 23.2	46 .24840 24.8
24 .12960 13.0	26 .14040 14.0	28 .15120 15.1	29 .15660 15.7	30 .16200 16.2	33 .17820 17.8	35 .18900 18.9	37 .19980 20.0	41 .22140 22.1	44 .23760 23.8	47 .25380 25.4

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 9.0
Luz (cm) = 650.

Carga (Kg/m2)	Espaciamiento (cm) 40	50	60	70	80	100	120	150	200	250	300
	13 .07605 7.0	14 .08190 7.6	15 .08775 8.1	16 .09360 8.6	17 .09945 9.2	18 .10530 9.7	19 .11115 10.3	21 .12285 11.3	23 .13455 12.4	24 .14040 13.0	26 .15210 14.0
	15 .08775 8.1	16 .09360 8.6	17 .09945 9.2	18 .10530 9.7	19 .11115 10.3	21 .12285 11.3	22 .12870 11.9	23 .13455 12.4	26 .15210 14.0	28 .16380 15.1	29 .16965 15.7
	17 .09945 9.2	18 .10530 9.7	19 .11115 10.3	20 .11700 10.8	21 .12285 11.3	23 .13455 12.4	24 .14040 13.0	26 .15210 14.0	28 .16380 15.1	30 .17550 16.2	32 .18720 17.3
	18 .10530 9.7	19 .11115 10.3	21 .12285 11.3	22 .12870 11.9	23 .13455 12.4	24 .14040 13.0	26 .15210 14.0	28 .16380 15.1	30 .17550 16.2	33 .19305 17.8	35 .20475 18.9
	19 .11115 10.3	21 .12285 11.3	22 .12870 11.9	23 .13455 12.4	24 .14040 13.0	26 .15210 14.0	27 .15795 14.6	29 .16965 15.7	32 .18720 17.3	35 .20475 18.9	37 .21645 20.0
	20 .11700 10.8	22 .12870 11.9	23 .13455 12.4	24 .14040 13.0	25 .14625 13.5	27 .15795 14.6	29 .16965 15.7	31 .18135 16.7	34 .19890 18.4	37 .21645 20.0	39 .22815 21.1
	21 .12285 11.3	23 .13455 12.4	24 .14040 13.0	25 .14625 13.5	26 .15210 14.0	28 .16380 15.1	30 .17550 16.2	32 .18720 17.3	35 .20475 18.9	38 .22230 20.5	41 .23985 22.1
	22 .12870 11.9	23 .13455 12.4	25 .14625 13.5	26 .15210 14.0	27 .15795 14.6	29 .16965 15.7	31 .18135 16.7	34 .19890 18.4	37 .21645 20.0	40 .23400 21.6	42 .24570 22.7
	23 .13455 12.4	24 .14040 13.0	26 .15210 14.0	27 .15795 14.6	28 .16380 15.1	30 .17550 16.2	32 .18720 17.3	35 .20475 18.9	38 .22230 20.5	41 .23985 22.1	44 .25740 23.8
	23 .13455 12.4	25 .14625 13.5	27 .15795 14.6	28 .16380 15.1	29 .16965 15.7	31 .18135 16.7	33 .19305 17.8	36 .21060 19.4	39 .22815 21.1	42 .24570 22.7	45 .26325 24.3
	24 .14040 13.0	26 .15210 14.0	27 .15795 14.6	29 .16965 15.7	30 .17550 16.2	32 .18720 17.3	34 .19890 18.4	37 .21645 20.0	41 .23985 22.1	44 .25740 23.8	46 .26910 24.8
	25 .14625 13.5	26 .15210 14.0	28 .16380 15.1	29 .16965 15.7	31 .18135 16.7	33 .19305 17.8	35 .20475 18.9	38 .22230 20.5	42 .24570 22.7	45 .26325 24.3	48 .28080 25.9
	25 .14625 13.5	27 .15795 14.6	29 .16965 15.7	30 .17550 16.2	32 .18720 17.3	34 .19890 18.4	36 .21060 19.4	39 .22815 21.1	43 .25155 23.2	46 .26910 24.8	49 .28665 26.5
	26 .15210 14.0	28 .16380 15.1	29 .16965 15.7	31 .18135 16.7	32 .18720 17.3	35 .20475 18.9	37 .21645 20.0	40 .23400 21.6	44 .25740 23.8	47 .27495 25.4	50 .29250 27.0
	26 .15210 14.0	28 .16380 15.1	30 .17550 16.2	32 .18720 17.3	33 .19305 17.8	35 .20475 18.9	38 .22230 20.5	41 .23985 22.1	45 .26325 24.3	48 .28080 25.9	51 .29835 27.5

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 9.0
Luz (cm) = 700.

Carga KG/M2	Espaciamiento (cm) 40	50	60	70	80	100	120	150	200	250	300
	14 .08820 7.6	15 .09450 8.1	16 .10080 8.6	17 .10710 9.2	18 .11340 9.7	19 .11970 10.3	20 .12600 10.8	22 .13860 11.9	24 .15120 13.0	26 .16380 14.0	28 .17640 15.1
	16 .10080 8.6	18 .11340 9.7	19 .11970 10.3	20 .12600 10.8	20 .12600 10.8	22 .13860 11.9	23 .14490 12.4	25 .15750 13.5	28 .17640 15.1	30 .18900 16.2	32 .20160 17.3
	18 .11340 9.7	19 .11970 10.3	20 .12600 10.8	22 .13860 11.9	23 .14490 12.4	24 .15120 13.0	26 .16380 14.0	28 .17640 15.1	30 .18900 16.2	33 .20790 17.8	35 .22050 18.9
	19 .11970 10.3	21 .13230 11.3	22 .13860 11.9	23 .14490 12.4	24 .15120 13.0	26 .16380 14.0	28 .17640 15.1	30 .18900 16.2	33 .20790 17.8	35 .22050 18.9	37 .23310 20.0
	20 .12600 10.8	22 .13860 11.9	23 .14490 12.4	25 .15750 13.5	26 .16380 14.0	28 .17640 15.1	29 .18270 15.7	32 .20160 17.3	35 .22050 18.9	37 .23310 20.0	40 .25200 21.6
	22 .13860 11.9	23 .14490 12.4	25 .15750 13.5	26 .16380 14.0	27 .17010 14.6	29 .18270 15.7	31 .19530 16.7	33 .20790 17.8	36 .22680 19.4	39 .24570 21.1	42 .26460 22.7
	23 .14490 12.4	24 .15120 13.0	26 .16380 14.0	27 .17010 14.6	28 .17640 15.1	30 .18900 16.2	32 .20160 17.3	35 .22050 18.9	38 .23940 20.5	41 .25830 22.1	44 .27720 23.8
	23 .14490 12.4	25 .15750 13.5	27 .17010 14.6	28 .17640 15.1	29 .18270 15.7	32 .20160 17.3	34 .21420 18.4	36 .22680 19.4	40 .25200 21.6	43 .27090 23.2	45 .28350 24.3
	24 .15120 13.0	26 .16380 14.0	28 .17640 15.1	29 .18270 15.7	30 .18900 16.2	33 .20790 17.8	35 .22050 18.9	37 .23310 20.0	41 .25830 22.1	44 .27720 23.8	47 .29610 25.4
	25 .15750 13.5	27 .17010 14.6	29 .18270 15.7	30 .18900 16.2	31 .19530 16.7	34 .21420 18.4	36 .22680 19.4	39 .24570 21.1	42 .26460 22.7	46 .28980 24.8	48 .30240 25.9
	26 .16380 14.0	28 .17640 15.1	29 .18270 15.7	31 .19530 16.7	32 .20160 17.3	35 .22050 18.9	37 .23310 20.0	40 .25200 21.6	44 .27720 23.8	47 .29610 25.4	50 .31500 27.0
	26 .16380 14.0	28 .17640 15.1	30 .18900 16.2	32 .20160 17.3	33 .20790 17.8	36 .22680 19.4	38 .23940 20.5	41 .25830 22.1	45 .28350 24.3	48 .30240 25.9	51 .32130 27.5
	27 .17010 14.6	29 .18270 15.7	31 .19530 16.7	32 .20160 17.3	34 .21420 18.4	36 .22680 19.4	39 .24570 21.1	42 .26460 22.7	46 .28980 24.8	49 .30870 26.5	52 .32760 28.1
	28 .17640 15.1	30 .18900 16.2	32 .20160 17.3	33 .20790 17.8	35 .22050 18.9	37 .23310 20.0	40 .25200 21.6	43 .27090 23.2	47 .29610 25.4	50 .31500 27.0	54 .34020 29.2
	28 .17640 15.1	30 .18900 16.2	32 .20160 17.3	34 .21420 18.4	35 .22050 18.9	38 .23940 20.5	40 .25200 21.6	44 .27720 23.8	48 .30240 25.9	52 .32760 28.1	55 .32760 28.1

Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 9.0
Luz (cm) = 750.

Carga K/M2	Espaciamiento (cm)										
	40	50	60	70	80	100	120	150	200	250	300
50	15 .10125 8.1	17 .11475 9.2	18 .12150 9.7	18 .12150 9.7	19 .12825 10.3	21 .14175 11.3	22 .14850 11.9	24 .16200 13.0	26 .17550 14.0	28 .18900 15.1	30 .20250 16.2
75	18 .12150 9.7	19 .12825 10.3	20 .13500 10.8	21 .14175 11.3	22 .14850 11.9	24 .16200 13.0	25 .16875 13.5	27 .18225 14.6	30 .20250 16.2	32 .21600 17.3	34 .22950 18.4
100	19 .12825 10.3	21 .14175 11.3	22 .14850 11.9	23 .15525 12.4	24 .16200 13.0	26 .17550 14.0	27 .18225 14.6	30 .20250 16.2	33 .22275 17.8	35 .23625 18.9	37 .24975 20.0
125	21 .14175 11.3	22 .14850 11.9	24 .16200 13.0	25 .16875 13.5	26 .17550 14.0	28 .18900 15.1	30 .20250 16.2	32 .21600 17.3	35 .23625 18.9	38 .25650 20.5	40 .27000 21.6
150	22 .14850 11.9	24 .16200 13.0	25 .16875 13.5	26 .17550 14.0	27 .18225 14.6	30 .20250 16.2	31 .20925 16.7	34 .22950 18.4	37 .24975 20.0	40 .27000 21.6	42 .28350 22.7
175	23 .15525 12.4	25 .16875 13.5	26 .17550 14.0	28 .18900 15.1	29 .19575 15.7	31 .20925 16.7	33 .22275 17.8	36 .24300 19.4	39 .26325 21.1	42 .28350 22.7	45 .30375 24.3
200	24 .16200 13.0	26 .17550 14.0	27 .18225 14.6	29 .19575 15.7	30 .20250 16.2	33 .22275 17.8	35 .23625 18.9	37 .24975 20.0	41 .27675 22.1	44 .29700 23.8	47 .31725 25.4
225	25 .16875 13.5	27 .18225 14.6	29 .19575 15.7	30 .20250 16.2	31 .20925 16.7	34 .22950 18.4	36 .24300 19.4	39 .26325 21.1	42 .28350 22.7	46 .31050 24.8	49 .33075 26.5
250	26 .17550 14.0	28 .18900 15.1	30 .20250 16.2	31 .20925 16.7	33 .22275 17.8	35 .23625 18.9	37 .24975 20.0	40 .27000 21.6	44 .29700 23.8	47 .31725 25.4	50 .33750 27.0
275	27 .18225 14.6	29 .19575 15.7	31 .20925 16.7	32 .21600 17.3	34 .22950 18.4	36 .24300 19.4	38 .25650 20.5	41 .27675 22.1	45 .30375 24.3	49 .33075 26.5	52 .35100 28.1
300	27 .18225 14.6	30 .20250 16.2	31 .20925 16.7	33 .22275 17.8	35 .23625 18.9	37 .24975 20.0	39 .26325 21.1	42 .28350 22.7	47 .31725 25.4	50 .33750 27.0	53 .35775 28.6
325	28 .18900 15.1	30 .20250 16.2	32 .21600 17.3	34 .22950 18.4	35 .23625 18.9	38 .25650 20.5	40 .27000 21.6	44 .29700 23.8	48 .32400 25.9	52 .35100 28.1	55 .35100 28.1
350	29 .19575 15.7	31 .20925 16.7	33 .22275 17.8	35 .23625 18.9	36 .24300 19.4	39 .26325 21.1	41 .27675 22.1	45 .30375 24.3	49 .33075 26.5	53 .35775 28.6	56 .35775 28.6
375	30 .20250 16.2	32 .21600 17.3	34 .22950 18.4	36 .24300 19.4	37 .24975 20.0	40 .27000 21.6	42 .28350 22.7	46 .31050 24.8	50 .33750 27.0	54 .36450 29.2	57 .36450 29.2
400	30 .20250 16.2	33 .22275 17.8	35 .23625 18.9	36 .24300 19.4	38 .25650 20.5	41 .27675 22.1	43 .29025 23.2	47 .31725 25.4	51 .34425 27.5	55 .34425 27.5	59 .34425 27.5

N: Para cada espaciamiento y carga se presenta :
- Altura (cm)
- Volumen (M3)
- Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 9.0
Luz (cm) = 800.

Carga K/M2	Espaciamiento (cm)										
	40	50	60	70	80	100	120	150	200	250	300
50	16 .11520 8.6	18 .12960 9.7	19 .13680 10.3	20 .14400 10.8	20 .14400 10.8	22 .15840 11.9	23 .16560 12.4	25 .18000 13.5	28 .20160 15.1	30 .21600 16.2	32 .23040 17.3
75	19 .13680 10.3	20 .14400 10.8	21 .15120 11.3	22 .15840 11.9	23 .16560 12.4	25 .18000 13.5	27 .19440 14.6	29 .20880 15.7	32 .23040 17.3	34 .24480 18.4	36 .25920 19.4
100	20 .14400 10.8	22 .15840 11.9	23 .16560 12.4	25 .18000 13.5	26 .18720 14.0	28 .20160 15.1	29 .20880 15.7	32 .23040 17.3	35 .25200 18.9	37 .26640 20.0	40 .28800 21.6
125	22 .15840 11.9	24 .17280 13.0	25 .18000 13.5	26 .18720 14.0	28 .20160 15.1	30 .21600 16.2	32 .23040 17.3	34 .24480 18.4	37 .26640 20.0	40 .28800 21.6	43 .30960 23.2
150	23 .16560 12.4	25 .18000 13.5	27 .19440 14.6	28 .20160 15.1	29 .20880 15.7	32 .23040 17.3	33 .23760 17.8	36 .25920 19.4	40 .28800 21.6	43 .30960 23.2	45 .32400 24.3
175	25 .18000 13.5	26 .18720 14.0	28 .20160 15.1	29 .20880 15.7	31 .22320 16.7	33 .23760 17.8	35 .25200 18.9	38 .27360 20.5	42 .30240 22.7	45 .32400 24.3	48 .34560 25.9
200	26 .18720 14.0	28 .20160 15.1	29 .20880 15.7	31 .22320 16.7	32 .23040 17.3	35 .25200 18.9	37 .26640 20.0	40 .28800 21.6	44 .31680 23.8	47 .33840 25.4	50 .36000 27.0
225	27 .19440 14.6	29 .20880 15.7	30 .21600 16.2	32 .23040 17.3	33 .23760 17.8	36 .25920 19.4	38 .27360 20.5	41 .29520 22.1	45 .32400 24.3	49 .35280 26.5	52 .37440 28.1
250	28 .20160 15.1	30 .21600 16.2	32 .23040 17.3	33 .23760 17.8	35 .25200 18.9	37 .26640 20.0	40 .28800 21.6	43 .30960 23.2	47 .33840 25.4	50 .36000 27.0	54 .38880 29.2
275	28 .20160 15.1	31 .22320 16.7	33 .23760 17.8	34 .24480 18.4	36 .25920 19.4	38 .27360 20.5	41 .29520 22.1	44 .31680 23.8	48 .34560 25.9	52 .37440 28.1	55 .37440 28.1
300	29 .20880 15.7	32 .23040 17.3	33 .23760 17.8	35 .25200 18.9	37 .26640 20.0	40 .28800 21.6	42 .30240 22.7	45 .32400 24.3	50 .36000 27.0	54 .38880 29.2	57 .38880 29.2
325	30 .21600 16.2	32 .23040 17.3	34 .24480 18.4	36 .25920 19.4	38 .27360 20.5	41 .29520 22.1	43 .30960 23.2	46 .33120 24.8	51 .36720 27.5	55 .36720 27.5	58 .36720 27.5
350	31 .22320 16.7	33 .23760 17.8	35 .25200 18.9	37 .26640 20.0	39 .28080 21.1	42 .30240 22.7	44 .31680 23.8	48 .34560 25.9	52 .37440 28.1	56 .37440 28.1	60 .37440 28.1
375	32 .23040 17.3	34 .24480 18.4	36 .25920 19.4	38 .27360 20.5	40 .28800 21.6	43 .30960 23.2	45 .32400 24.3	49 .35280 26.5	54 .38880 29.2	58 .38880 29.2	61 .38880 29.2
400	32 .23040 17.3	35 .25200 18.9	37 .26640 20.0	39 .28080 21.1	40 .28800 21.6	44 .31680 23.8	45 .33120 24.8	50 .36000 27.0	55 .36000 27.0	59 .36000 27.0	63 .36000 27.0

NOTA : Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 9.0
Luz (cm) = 850.

Carga (Kg/m2)	Espaciamiento (cm)										
	40	50	60	70	80	100	120	150	200	250	300
	17 .13005 9.2	19 .14535 10.3	20 .15300 10.8	21 .16065 11.3	22 .16830 11.9	23 .17595 12.4	25 .19125 13.5	27 .20655 14.6	29 .22185 15.7	32 .24480 17.3	33 .25245 17.8
	20 .15300 10.8	21 .16065 11.3	23 .17595 12.4	24 .18360 13.0	25 .19125 13.5	27 .20655 14.6	28 .21420 15.1	30 .22950 16.2	33 .25245 17.8	36 .27540 19.4	38 .29070 20.5
	22 .16830 11.9	23 .17595 12.4	25 .19125 13.5	26 .19890 14.0	27 .20655 14.6	29 .22185 15.7	31 .23715 16.7	33 .25245 17.8	37 .28305 20.0	40 .30600 21.6	42 .32130 22.7
	23 .17595 12.4	25 .19125 13.5	27 .20655 14.6	28 .21420 15.1	29 .22185 15.7	32 .24480 17.3	33 .25245 17.8	36 .27540 19.4	40 .30600 21.6	43 .32895 23.2	45 .34425 24.3
	25 .19125 13.5	27 .20655 14.6	28 .21420 15.1	30 .22950 16.2	31 .23715 16.7	33 .25245 17.8	36 .27540 19.4	38 .29070 20.5	42 .32130 22.7	45 .34425 24.3	48 .36720 25.9
	26 .19890 14.0	28 .21420 15.1	30 .22950 16.2	31 .23715 16.7	33 .25245 17.8	35 .26775 18.9	37 .28305 20.0	40 .30600 21.6	44 .33660 23.8	48 .36720 25.9	51 .39015 27.5
	27 .20655 14.6	29 .22185 15.7	31 .23715 16.7	33 .25245 17.8	34 .26010 18.4	37 .28305 20.0	39 .29835 21.1	42 .32130 22.7	46 .35190 24.8	50 .38250 27.0	53 .40545 28.6
	28 .21420 15.1	30 .22950 16.2	32 .24480 17.3	34 .26010 18.4	36 .27540 19.4	38 .29070 20.5	41 .31365 22.1	44 .33660 23.8	48 .36720 25.9	52 .39780 28.1	55 .39780 28.1
	29 .22185 15.7	32 .24480 17.3	33 .25245 17.8	35 .26775 18.9	37 .28305 20.0	40 .30600 21.6	42 .32130 22.7	45 .34425 24.3	50 .38250 27.0	54 .41310 29.2	57 .41310 29.2
	30 .22950 16.2	33 .25245 17.8	35 .26775 18.9	36 .27540 19.4	38 .29070 20.5	41 .31365 22.1	43 .32895 23.2	47 .35955 25.4	51 .39015 27.5	55 .39015 27.5	59 .39015 27.5
	31 .23715 16.7	33 .25245 17.8	36 .27540 19.4	37 .28305 20.0	39 .29835 21.1	42 .32130 22.7	45 .34425 24.3	48 .36720 25.9	53 .40545 28.6	57 .40545 28.6	60 .40545 28.6
	32 .24480 17.3	34 .26010 18.4	36 .27540 19.4	38 .29070 20.5	40 .30600 21.6	43 .32895 23.2	46 .35190 24.8	49 .37485 26.5	54 .41310 29.2	58 .41310 29.2	62 .41310 29.2
	33 .25245 17.8	35 .26775 18.9	37 .28305 20.0	39 .29835 21.1	41 .31365 22.1	44 .33660 23.8	47 .35955 25.4	51 .39015 27.5	56 .39015 27.5	60 .39015 27.5	64 .39015 27.5
	33 .25245 17.8	36 .27540 19.4	38 .29070 20.5	40 .30600 21.6	42 .32130 22.7	45 .34425 24.3	48 .36720 25.9	52 .39780 28.1	57 .39780 28.1	61 .39780 28.1	65 .39780 28.1
	34 .26010 18.4	37 .28305 20.0	39 .29835 21.1	41 .31365 22.1	43 .32895 23.2	46 .35190 24.8	49 .37485 26.5	53 .40545 28.6	58 .40545 28.6	63 .40545 28.6	66 .40545 28.6

Para cada espaciamiento y carga se presenta :
Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 9.0
Luz (cm) = 900.

Carga (Kg/m2)	Espaciamiento (cm)										
	40	50	60	70	80	100	120	150	200	250	300
	18 .14580 9.7	20 .16200 10.8	21 .17010 11.3	22 .17820 11.9	23 .18630 12.4	25 .20250 13.5	26 .21060 14.0	28 .22680 15.1	31 .25110 16.7	33 .26730 17.8	35 .28350 18.9
	21 .17010 11.3	22 .17820 11.9	24 .19440 13.0	25 .20250 13.5	26 .21060 14.0	28 .22680 15.1	30 .24300 16.2	32 .25920 17.3	35 .28350 18.9	38 .30780 20.5	40 .32400 21.6
	23 .18630 12.4	25 .20250 13.5	26 .21060 14.0	28 .22680 15.1	29 .23490 15.7	31 .25110 16.7	33 .26730 17.8	35 .28350 18.9	39 .31590 21.1	42 .34020 22.7	44 .35640 23.8
	25 .20250 13.5	27 .21870 14.6	28 .22680 15.1	30 .24300 16.2	31 .25110 16.7	33 .26730 17.8	35 .28350 18.9	38 .30780 20.5	42 .34020 22.7	45 .36450 24.3	48 .38880 25.9
	26 .21060 14.0	28 .22680 15.1	30 .24300 16.2	31 .25110 16.7	33 .26730 17.8	35 .28350 18.9	38 .30780 20.5	40 .32400 21.6	44 .35640 23.8	48 .38880 25.9	51 .41310 27.5
	28 .22680 15.1	30 .24300 16.2	31 .25110 16.7	33 .26730 17.8	35 .28350 18.9	37 .29970 20.0	40 .32400 21.6	43 .34830 23.2	47 .38070 25.4	50 .40500 27.0	53 .42930 28.6
	29 .23490 15.7	31 .25110 16.7	33 .26730 17.8	35 .28350 18.9	36 .29160 19.4	39 .31590 21.1	41 .33210 22.1	44 .35640 23.8	49 .39690 26.5	53 .42930 28.6	56 .42930 28.6
	30 .24300 16.2	32 .25920 17.3	34 .27540 18.4	36 .29160 19.4	38 .30780 20.5	40 .32400 21.6	43 .34830 23.2	46 .37260 24.8	51 .41310 27.5	55 .41310 27.5	58 .41310 27.5
	31 .25110 16.7	33 .26730 17.8	35 .28350 18.9	37 .29970 20.0	39 .31590 21.1	42 .34020 22.7	44 .35640 23.8	48 .38880 25.9	53 .42930 28.6	57 .42930 28.6	60 .42930 28.6
	32 .25920 17.3	34 .27540 18.4	37 .29970 20.0	38 .30780 20.5	40 .32400 21.6	43 .34830 23.2	46 .37260 24.8	49 .39690 26.5	54 .43740 29.2	58 .43740 29.2	62 .43740 29.2
	33 .26730 17.8	35 .28350 18.9	38 .30780 20.5	40 .32400 21.6	41 .33210 22.1	44 .35640 23.8	47 .38070 25.4	51 .41310 27.5	56 .41310 27.5	60 .41310 27.5	64 .41310 27.5
	34 .27540 18.4	36 .29160 19.4	39 .31590 21.1	41 .33210 22.1	42 .34020 22.7	46 .37260 24.8	48 .38880 25.9	52 .42120 28.1	57 .42120 28.1	62 .42120 28.1	66 .42120 28.1
	35 .28350 18.9	37 .29970 20.0	40 .32400 21.6	42 .34020 22.7	43 .34830 23.2	47 .38070 25.4	50 .40500 27.0	53 .42930 28.6	59 .42930 28.6	63 .42930 28.6	67 .42930 28.6
	35 .28350 18.9	38 .30780 20.5	40 .32400 21.6	43 .34830 23.2	44 .35640 23.8	48 .38880 25.9	51 .41310 27.5	55 .41310 27.5	60 .41310 27.5	65 .41310 27.5	69 .41310 27.5
	36 .29160 19.4	39 .31590 21.1	41 .33210 22.1	43 .34830 23.2	45 .36450 24.3	49 .39690 26.5	52 .42120 28.1	56 .42120 28.1	61 .42120 28.1	66 .42120 28.1	70 .42120 28.1

: Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 11.0
Luz (cm) = 300.

Carga kg/M2	Espaciamiento (cm) 40	50	60	70	80	100	120	150	200	250	300
50	9 .02970 5.9	9 .02970 5.9	9 .02970 5.9	9 .02970 5.9	9 .02970 5.9	9 .02970 5.9	9 .02970 5.9	9 .02970 5.9	10 .03300 6.6	11 .03630 7.3	11 .03630 7.3
75	9 .02970 5.9	9 .02970 5.9	9 .02970 5.9	9 .02970 5.9	9 .02970 5.9	9 .02970 5.9	10 .03300 6.6	10 .03300 6.6	11 .03630 7.3	12 .03960 7.9	13 .04290 8.6
100	9 .02970 5.9	9 .02970 5.9	9 .02970 5.9	9 .02970 5.9	9 .02970 5.9	10 .03300 6.6	11 .03630 7.3	11 .03630 7.3	12 .03960 7.9	13 .04290 8.6	14 .04620 9.2
125	9 .02970 5.9	9 .02970 5.9	9 .02970 5.9	10 .03300 6.6	10 .03300 6.6	11 .03630 7.3	11 .03630 7.3	12 .03960 7.9	13 .04290 8.6	14 .04620 9.2	15 .04950 9.9
150	9 .02970 5.9	9 .02970 5.9	10 .03300 6.6	10 .03300 6.6	11 .03630 7.3	11 .03630 7.3	12 .03960 7.9	13 .04290 8.6	14 .04620 9.2	15 .04950 9.9	16 .05280 10.6
175	9 .02970 5.9	10 .03300 6.6	10 .03300 6.6	11 .03630 7.3	11 .03630 7.3	12 .03960 7.9	13 .04290 8.6	14 .04620 9.2	15 .04950 9.9	16 .05280 10.6	17 .05610 11.2
200	9 .02970 5.9	10 .03300 6.6	11 .03630 7.3	11 .03630 7.3	12 .03960 7.9	12 .03960 7.9	13 .04290 8.6	14 .04620 9.2	16 .05280 10.6	17 .05610 11.2	18 .05940 11.9
225	10 .03300 6.6	10 .03300 6.6	11 .03630 7.3	12 .03960 7.9	12 .03960 7.9	13 .04290 8.6	14 .04620 9.2	15 .04950 9.9	16 .05280 10.6	17 .05610 11.2	18 .05940 11.9
250	10 .03300 6.6	11 .03630 7.3	11 .03630 7.3	12 .03960 7.9	12 .03960 7.9	13 .04290 8.6	14 .04620 9.2	15 .04950 9.9	17 .05610 11.2	18 .05940 11.9	19 .06270 12.5
275	10 .03300 6.6	11 .03630 7.3	12 .03960 7.9	12 .03960 7.9	13 .04290 8.6	14 .04620 9.2	15 .04950 9.9	16 .05280 10.6	17 .05610 11.2	19 .06270 12.5	20 .06600 13.2
300	11 .03630 7.3	11 .03630 7.3	12 .03960 7.9	13 .04290 8.6	13 .04290 8.6	14 .04620 9.2	15 .04950 9.9	16 .05280 10.6	18 .05940 11.9	19 .06270 12.5	20 .06600 13.2
325	11 .03630 7.3	12 .03960 7.9	12 .03960 7.9	13 .04290 8.6	14 .04620 9.2	15 .04950 9.9	15 .04950 9.9	17 .05610 11.2	18 .05940 11.9	20 .06600 13.2	21 .06930 13.9
350	11 .03630 7.3	12 .03960 7.9	13 .04290 8.6	13 .04290 8.6	14 .04620 9.2	15 .04950 9.9	16 .05280 10.6	17 .05610 11.2	19 .06270 12.5	20 .06600 13.2	21 .06930 13.9
375	11 .03630 7.3	12 .03960 7.9	13 .04290 8.6	14 .04620 9.2	14 .04620 9.2	15 .04950 9.9	16 .05280 10.6	17 .05610 11.2	19 .06270 12.5	21 .06930 13.9	22 .07260 14.5
400	12 .03960 7.9	12 .03960 7.9	13 .04290 8.6	14 .04620 9.2	15 .04950 9.9	16 .05280 10.6	17 .05610 11.2	18 .05940 11.9	20 .06600 13.2	21 .06930 13.9	22 .07260 14.5

NOTA : Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 11.0
Luz (cm) = 350.

Carga Kg/M2	Espaciamiento (cm)										
	40	50	60	70	80	100	120	150	200	250	300
50	9 .03465 5.9	9 .03465 5.9	9 .03465 5.9	9 .03465 5.9	9 .03465 5.9	9 .03465 5.9	10 .03850 6.6	11 .04235 7.3	12 .04620 7.9	12 .04620 7.9	13 .05005 8.6
75	9 .03465 5.9	9 .03465 5.9	9 .03465 5.9	9 .03465 5.9	10 .03850 6.6	11 .04235 7.3	11 .04235 7.3	12 .04620 7.9	13 .05005 8.6	14 .05390 9.2	15 .05775 9.9
100	9 .03465 5.9	9 .03465 5.9	10 .03850 6.6	10 .03850 6.6	11 .04235 7.3	12 .04620 7.9	12 .04620 7.9	13 .05005 8.6	14 .05390 9.2	16 .06160 10.6	16 .06160 10.6
125	9 .03465 5.9	10 .03850 6.6	11 .04235 7.3	11 .04235 7.3	12 .04620 7.9	12 .04620 7.9	13 .05005 8.6	14 .05390 9.2	16 .06160 10.6	17 .06545 11.2	18 .06930 11.9
150	10 .03850 6.6	11 .04235 7.3	11 .04235 7.3	12 .04620 7.9	12 .04620 7.9	13 .05005 8.6	14 .05390 9.2	15 .05775 9.9	16 .06160 10.6	18 .06930 11.9	19 .07315 12.5
175	10 .03850 6.6	11 .04235 7.3	12 .04620 7.9	12 .04620 7.9	13 .05005 8.6	14 .05390 9.2	15 .05775 9.9	16 .06160 10.6	17 .06545 11.2	19 .07315 12.5	20 .07700 13.2
200	11 .04235 7.3	12 .04620 7.9	12 .04620 7.9	13 .05005 8.6	13 .05005 8.6	14 .05390 9.2	15 .05775 9.9	16 .06160 10.6	18 .06930 11.9	19 .07315 12.5	21 .08085 13.9
225	11 .04235 7.3	12 .04620 7.9	13 .05005 8.6	13 .05005 8.6	14 .05390 9.2	15 .05775 9.9	16 .06160 10.6	17 .06545 11.2	19 .07315 12.5	20 .07700 13.2	21 .08085 13.9
250	12 .04620 7.9	12 .04620 7.9	13 .05005 8.6	14 .05390 9.2	14 .05390 9.2	16 .06160 10.6	16 .06160 10.6	18 .06930 11.9	19 .07315 12.5	21 .08085 13.9	22 .08470 14.5
275	12 .04620 7.9	13 .05005 8.6	14 .05390 9.2	14 .05390 9.2	15 .05775 9.9	16 .06160 10.6	17 .06545 11.2	18 .06930 11.9	20 .07700 13.2	22 .08470 14.5	23 .08855 15.2
300	12 .04620 7.9	13 .05005 8.6	14 .05390 9.2	15 .05775 9.9	15 .05775 9.9	16 .06160 10.6	17 .06545 11.2	19 .07315 12.5	21 .08085 13.9	22 .08470 14.5	24 .09240 15.8
325	13 .05005 8.6	14 .05390 9.2	14 .05390 9.2	15 .05775 9.9	16 .06160 10.6	17 .06545 11.2	18 .06930 11.9	19 .07315 12.5	21 .08085 13.9	23 .08855 15.2	24 .09240 15.8
350	13 .05005 8.6	14 .05390 9.2	15 .05775 9.9	15 .05775 9.9	16 .06160 10.6	17 .06545 11.2	18 .06930 11.9	20 .07700 13.2	22 .08470 14.5	23 .08855 15.2	25 .09625 16.5
375	13 .05005 8.6	14 .05390 9.2	15 .05775 9.9	16 .06160 10.6	16 .06160 10.6	18 .06930 11.9	19 .07315 12.5	20 .07700 13.2	22 .08470 14.5	24 .09240 15.8	25 .09625 16.5
400	13 .05005 8.6	14 .05390 9.2	15 .05775 9.9	16 .06160 10.6	17 .06545 11.2	18 .06930 11.9	19 .07315 12.5	21 .08085 13.9	23 .08855 15.2	24 .09240 15.8	26 .10010 17.2

DA : Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 11.0
Luz (cm) = 400.

Carga Kg/M2	Espaciamiento (cm)										
	40	50	60	70	80	100	120	150	200	250	300
50	9 .03960 5.9	9 .03960 5.9	9 .03960 5.9	9 .03960 5.9	10 .04400 6.6	11 .04840 7.3	11 .04840 7.3	12 .05280 7.9	13 .05720 8.6	14 .06160 9.2	15 .06600 9.9
75	9 .03960 5.9	10 .04400 6.6	10 .04400 6.6	11 .04840 7.3	11 .04840 7.3	12 .05280 7.9	13 .05720 8.6	14 .06160 9.2	15 .06600 9.9	16 .07040 10.6	17 .07480 11.2
100	10 .04400 6.6	11 .04840 7.3	11 .04840 7.3	12 .05280 7.9	12 .05280 7.9	13 .05720 8.6	14 .06160 9.2	15 .06600 9.9	16 .07040 10.6	18 .07920 11.9	19 .08360 12.5
125	11 .04840 7.3	11 .04840 7.3	12 .05280 7.9	13 .05720 8.6	13 .05720 8.6	14 .06160 9.2	15 .06600 9.9	16 .07040 10.6	18 .07920 11.9	19 .08360 12.5	20 .08800 13.2
150	11 .04840 7.3	12 .05280 7.9	13 .05720 8.6	13 .05720 8.6	14 .06160 9.2	15 .06600 9.9	16 .07040 10.6	17 .07480 11.2	19 .08360 12.5	20 .08800 13.2	21 .09240 13.9
175	12 .05280 7.9	13 .05720 8.6	13 .05720 8.6	14 .06160 9.2	15 .06600 9.9	16 .07040 10.6	17 .07480 11.2	18 .07920 11.9	20 .08800 13.2	21 .09240 13.9	23 .10120 15.2
200	12 .05280 7.9	13 .05720 8.6	14 .06160 9.2	15 .06600 9.9	15 .06600 9.9	16 .07040 10.6	17 .07480 11.2	19 .08360 12.5	21 .09240 13.9	22 .09680 14.5	24 .10560 15.8
225	13 .05720 8.6	14 .06160 9.2	15 .06600 9.9	15 .06600 9.9	16 .07040 10.6	17 .07480 11.2	18 .07920 11.9	20 .08800 13.2	21 .09240 13.9	23 .10120 15.2	24 .10560 15.8
250	13 .05720 8.6	14 .06160 9.2	15 .06600 9.9	16 .07040 10.6	16 .07040 10.6	18 .07920 11.9	19 .08360 12.5	20 .08800 13.2	22 .09680 14.5	24 .10560 15.8	25 .11000 16.5
275	14 .06160 9.2	15 .06600 9.9	15 .06600 9.9	16 .07040 10.6	17 .07480 11.2	18 .07920 11.9	19 .08360 12.5	21 .09240 13.9	23 .10120 15.2	25 .11000 16.5	26 .11440 17.2
300	14 .06160 9.2	15 .06600 9.9	16 .07040 10.6	17 .07480 11.2	17 .07480 11.2	19 .08360 12.5	20 .08800 13.2	21 .09240 13.9	24 .10560 15.8	25 .11000 16.5	27 .11880 17.8
325	14 .06160 9.2	15 .06600 9.9	16 .07040 10.6	17 .07480 11.2	18 .07920 11.9	19 .08360 12.5	20 .08800 13.2	22 .09680 14.5	24 .10560 15.8	26 .11440 17.2	28 .12320 18.5
350	15 .06600 9.9	16 .07040 10.6	17 .07480 11.2	18 .07920 11.9	18 .07920 11.9	20 .08800 13.2	21 .09240 13.9	23 .10120 15.2	25 .11000 16.5	27 .11880 17.8	28 .12320 18.5
375	15 .06600 9.9	16 .07040 10.6	17 .07480 11.2	18 .07920 11.9	19 .08360 12.5	20 .08800 13.2	21 .09240 13.9	23 .10120 15.2	25 .11000 16.5	27 .11880 17.8	29 .12760 19.1
400	15 .06600 9.9	16 .07040 10.6	17 .07480 11.2	18 .07920 11.9	19 .08360 12.5	21 .09240 13.9	22 .09680 14.5	24 .10560 15.8	26 .11440 17.2	28 .12320 18.5	30 .13200 19.8

NOTA : Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 11.0
Luz (cm) = 450.

Carga Kg/M2	Espaciamiento (cm) 40	50	60	70	80	100	120	150	200	250	300
50	9 .04455 5.9	9 .04455 5.9	10 .04950 6.6	11 .05445 7.3	11 .05445 7.3	12 .05940 7.9	13 .06435 8.6	13 .06435 8.6	15 .07425 9.9	16 .07920 10.6	17 .08415 11.2
75	10 .04950 6.6	11 .05445 7.3	11 .05445 7.3	12 .05940 7.9	13 .06435 8.6	13 .06435 8.6	14 .06930 9.2	15 .07425 9.9	17 .08415 11.2	18 .08910 11.9	19 .09405 12.5
100	11 .05445 7.3	12 .05940 7.9	13 .06435 8.6	13 .06435 8.6	14 .06930 9.2	15 .07425 9.9	16 .07920 10.6	17 .08415 11.2	18 .08910 11.9	20 .09900 13.2	21 .10395 13.9
125	12 .05940 7.9	13 .06435 8.6	13 .06435 8.6	14 .06930 9.2	15 .07425 9.9	16 .07920 10.6	17 .08415 11.2	18 .08910 11.9	20 .09900 13.2	21 .10395 13.9	23 .11385 15.2
150	13 .06435 8.6	13 .06435 8.6	14 .06930 9.2	15 .07425 9.9	16 .07920 10.6	17 .08415 11.2	18 .08910 11.9	19 .09405 12.5	21 .10395 13.9	23 .11385 15.2	24 .11880 15.8
175	13 .06435 8.6	14 .06930 9.2	15 .07425 9.9	16 .07920 10.6	16 .07920 10.6	18 .08910 11.9	19 .09405 12.5	20 .09900 13.2	22 .10890 14.5	24 .11880 15.8	25 .12375 16.5
200	14 .06930 9.2	15 .07425 9.9	16 .07920 10.6	16 .07920 10.6	17 .08415 11.2	18 .08910 11.9	20 .09900 13.2	21 .10395 13.9	23 .11385 15.2	25 .12375 16.5	26 .12870 17.2
225	14 .06930 9.2	15 .07425 9.9	16 .07920 10.6	17 .08415 11.2	18 .08910 11.9	19 .09405 12.5	20 .09900 13.2	22 .10890 14.5	24 .11880 15.8	26 .12870 17.2	27 .13365 17.8
250	15 .07425 9.9	16 .07920 10.6	17 .08415 11.2	18 .08910 11.9	18 .08910 11.9	20 .09900 13.2	21 .10395 13.9	23 .11385 15.2	25 .12375 16.5	27 .13365 17.8	28 .13860 18.5
275	15 .07425 9.9	16 .07920 10.6	17 .08415 11.2	18 .08910 11.9	19 .09405 12.5	20 .09900 13.2	22 .10890 14.5	23 .11385 15.2	26 .12870 17.2	28 .13860 18.5	29 .14355 19.1
300	16 .07920 10.6	17 .08415 11.2	18 .08910 11.9	19 .09405 12.5	20 .09900 13.2	21 .10395 13.9	22 .10890 14.5	24 .11880 15.8	26 .12870 17.2	28 .13860 18.5	30 .14850 19.8
325	16 .07920 10.6	17 .08415 11.2	18 .08910 11.9	19 .09405 12.5	20 .09900 13.2	22 .10890 14.5	23 .11385 15.2	25 .12375 16.5	27 .13365 17.8	29 .14355 19.1	31 .15345 20.5
350	16 .07920 10.6	18 .08910 11.9	19 .09405 12.5	20 .09900 13.2	21 .10395 13.9	22 .10890 14.5	23 .11385 15.2	25 .12375 16.5	28 .13860 18.5	30 .14850 19.8	32 .15840 21.1
375	17 .08415 11.2	18 .08910 11.9	19 .09405 12.5	20 .09900 13.2	21 .10395 13.9	23 .11385 15.2	24 .11880 15.8	26 .12870 17.2	28 .13860 18.5	31 .15345 20.5	32 .15840 21.1
400	17 .08415 11.2	18 .08910 11.9	20 .09900 13.2	21 .10395 13.9	22 .10890 14.5	23 .11385 15.2	25 .12375 16.5	26 .12870 17.2	29 .14355 19.1	31 .15345 20.5	33 .16335 21.8

NOTA : Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 11.0
Luz (cm) = 500.

Carga kg/M2	Espaciamiento (cm) 40	50	60	70	80	100	120	150	200	250	300
50	10 .05500 6.6	10 .05500 6.6	11 .06050 7.3	12 .06600 7.9	12 .06600 7.9	13 .07150 8.6	14 .07700 9.2	15 .08250 9.9	16 .08800 10.6	18 .09900 11.9	19 .10450 12.5
75	11 .06050 7.3	12 .06600 7.9	13 .07150 8.6	13 .07150 8.6	14 .07700 9.2	15 .08250 9.9	16 .08800 10.6	17 .09350 11.2	19 .10450 12.5	20 .11000 13.2	21 .11550 13.9
100	12 .06600 7.9	13 .07150 8.6	14 .07700 9.2	15 .08250 9.9	15 .08250 9.9	16 .08800 10.6	17 .09350 11.2	19 .10450 12.5	20 .11000 13.2	22 .12100 14.5	23 .12650 15.2
125	13 .07150 8.6	14 .07700 9.2	15 .08250 9.9	16 .08800 10.6	16 .08800 10.6	18 .09900 11.9	19 .10450 12.5	20 .11000 13.2	22 .12100 14.5	24 .13200 15.8	25 .13750 16.5
150	14 .07700 9.2	15 .08250 9.9	16 .08800 10.6	17 .09350 11.2	17 .09350 11.2	19 .10450 12.5	20 .11000 13.2	21 .11550 13.9	23 .12650 15.2	25 .13750 16.5	27 .14850 17.8
175	15 .08250 9.9	16 .08800 10.6	17 .09350 11.2	17 .09350 11.2	18 .09900 11.9	20 .11000 13.2	21 .11550 13.9	22 .12100 14.5	25 .13750 16.5	26 .14300 17.2	28 .15400 18.5
200	15 .08250 9.9	16 .08800 10.6	17 .09350 11.2	18 .09900 11.9	19 .10450 12.5	20 .11000 13.2	22 .12100 14.5	23 .12650 15.2	26 .14300 17.2	28 .15400 18.5	29 .15950 19.1
225	16 .08800 10.6	17 .09350 11.2	18 .09900 11.9	19 .10450 12.5	20 .11000 13.2	21 .11550 13.9	23 .12650 15.2	24 .13200 15.8	27 .14850 17.8	29 .15950 19.1	30 .16500 19.8
250	16 .08800 10.6	18 .09900 11.9	19 .10450 12.5	20 .11000 13.2	20 .11000 13.2	22 .12100 14.5	23 .12650 15.2	25 .13750 16.5	28 .15400 18.5	30 .16500 19.8	32 .17600 21.1
275	17 .09350 11.2	18 .09900 11.9	19 .10450 12.5	20 .11000 13.2	21 .11550 13.9	23 .12650 15.2	24 .13200 15.8	26 .14300 17.2	28 .15400 18.5	31 .17050 20.5	33 .18150 21.8
300	17 .09350 11.2	19 .10450 12.5	20 .11000 13.2	21 .11550 13.9	22 .12100 14.5	23 .12650 15.2	25 .13750 16.5	27 .14850 17.8	29 .15950 19.1	32 .17600 21.1	33 .18150 21.8
325	18 .09900 11.9	19 .10450 12.5	20 .11000 13.2	21 .11550 13.9	22 .12100 14.5	24 .13200 15.8	25 .13750 16.5	27 .14850 17.8	30 .16500 19.8	32 .17600 21.1	34 .18700 22.4
350	18 .09900 11.9	20 .11000 13.2	21 .11550 13.9	22 .12100 14.5	23 .12650 15.2	25 .13750 16.5	26 .14300 17.2	28 .15400 18.5	31 .17050 20.5	33 .18150 21.8	35 .19250 23.1
375	19 .10450 12.5	20 .11000 13.2	21 .11550 13.9	22 .12100 14.5	23 .12650 15.2	25 .13750 16.5	27 .14850 17.8	29 .15950 19.1	32 .17600 21.1	34 .18700 22.4	36 .19800 23.8
400	19 .10450 12.5	20 .11000 13.2	22 .12100 14.5	23 .12650 15.2	24 .13200 15.8	26 .14300 17.2	27 .14850 17.8	29 .15950 19.1	32 .17600 21.1	35 .19250 23.1	37 .20350 24.4

NOTA : Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 11.0
Luz (cm) = 550.

Carga Kg/M2	Espaciamiento (cm) 40	50	60	70	80	100	120	150	200	250	300
50	11 .06655 7.3	11 .06655 7.3	12 .07260 7.9	13 .07865 8.6	13 .07865 8.6	14 .08470 9.2	15 .09075 9.9	16 .09680 10.6	18 .10890 11.9	19 .11495 12.5	20 .12100 13.2
75	12 .07260 7.9	13 .07865 8.6	14 .08470 9.2	15 .09075 9.9	15 .09075 9.9	16 .09680 10.6	17 .10285 11.2	19 .11495 12.5	20 .12100 13.2	22 .13310 14.5	23 .13915 15.2
100	13 .07865 8.6	14 .08470 9.2	15 .09075 9.9	16 .09680 10.6	17 .10285 11.2	18 .10890 11.9	19 .11495 12.5	20 .12100 13.2	22 .13310 14.5	24 .14520 15.8	26 .15730 17.2
125	14 .08470 9.2	15 .09075 9.9	16 .09680 10.6	17 .10285 11.2	18 .10890 11.9	19 .11495 12.5	20 .12100 13.2	22 .13310 14.5	24 .14520 15.8	26 .15730 17.2	28 .16940 18.5
150	15 .09075 9.9	16 .09680 10.6	17 .10285 11.2	18 .10890 11.9	19 .11495 12.5	20 .12100 13.2	22 .13310 14.5	23 .13915 15.2	26 .15730 17.2	28 .16940 18.5	29 .17545 19.1
175	16 .09680 10.6	17 .10285 11.2	18 .10890 11.9	19 .11495 12.5	20 .12100 13.2	21 .12705 13.9	23 .13915 15.2	25 .15125 16.5	27 .16335 17.8	29 .17545 19.1	31 .18755 20.5
200	17 .10285 11.2	18 .10890 11.9	19 .11495 12.5	20 .12100 13.2	21 .12705 13.9	22 .13310 14.5	24 .14520 15.8	26 .15730 17.2	28 .16940 18.5	30 .18150 19.8	32 .19360 21.1
225	17 .10285 11.2	19 .11495 12.5	20 .12100 13.2	21 .12705 13.9	22 .13310 14.5	23 .13915 15.2	25 .15125 16.5	27 .16335 17.8	29 .17545 19.1	31 .18755 20.5	33 .19965 21.8
250	18 .10890 11.9	19 .11495 12.5	20 .12100 13.2	21 .12705 13.9	22 .13310 14.5	24 .14520 15.8	26 .15730 17.2	28 .16940 18.5	30 .18150 19.8	33 .19965 21.8	35 .21175 23.1
275	18 .10890 11.9	20 .12100 13.2	21 .12705 13.9	22 .13310 14.5	23 .13915 15.2	25 .15125 16.5	26 .15730 17.2	28 .16940 18.5	31 .18755 20.5	34 .20570 22.4	36 .21780 23.8
300	19 .11495 12.5	20 .12100 13.2	22 .13310 14.5	23 .13915 15.2	24 .14520 15.8	26 .15730 17.2	27 .16335 17.8	29 .17545 19.1	32 .19360 21.1	35 .21175 23.1	37 .22385 24.4
325	20 .12100 13.2	21 .12705 13.9	22 .13310 14.5	23 .13915 15.2	24 .14520 15.8	26 .15730 17.2	28 .16940 18.5	30 .18150 19.8	33 .19965 21.8	36 .21780 23.8	38 .22990 25.1
350	20 .12100 13.2	21 .12705 13.9	23 .13915 15.2	24 .14520 15.8	25 .15125 16.5	27 .16335 17.8	29 .17545 19.1	31 .18755 20.5	34 .20570 22.4	36 .21780 23.8	39 .23595 25.7
375	20 .12100 13.2	22 .13310 14.5	23 .13915 15.2	25 .15125 16.5	26 .15730 17.2	28 .16940 18.5	29 .17545 19.1	31 .18755 20.5	35 .21175 23.1	37 .22385 24.4	40 .24200 26.4
400	21 .12705 13.9	22 .13310 14.5	24 .14520 15.8	25 .15125 16.5	26 .15730 17.2	28 .16940 18.5	30 .18150 19.8	32 .19360 21.1	35 .21175 23.1	38 .22990 25.1	40 .24200 26.4

NOTA : Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 11.0
Luz (cm) = 600.

arga g/M2	Espaciamiento (cm) 40	50	60	70	80	100	120	150	200	250	300
50	12 .07920 7.9	12 .07920 7.9	13 .08580 8.6	14 .09240 9.2	15 .09900 9.9	16 .10560 10.6	17 .11220 11.2	18 .11880 11.9	20 .13200 13.2	21 .13860 13.9	22 .14520 14.5
75	13 .08580 8.6	14 .09240 9.2	15 .09900 9.9	16 .10560 10.6	17 .11220 11.2	18 .11880 11.9	19 .12540 12.5	20 .13200 13.2	22 .14520 14.5	24 .15840 15.8	25 .16500 16.5
00	15 .09900 9.9	16 .10560 10.6	17 .11220 11.2	17 .11220 11.2	18 .11880 11.9	20 .13200 13.2	21 .13860 13.9	22 .14520 14.5	24 .15840 15.8	26 .17160 17.2	28 .18480 18.5
25	16 .10560 10.6	17 .11220 11.2	18 .11880 11.9	19 .12540 12.5	20 .13200 13.2	21 .13860 13.9	22 .14520 14.5	24 .15840 15.8	26 .17160 17.2	28 .18480 18.5	30 .19800 19.8
50	17 .11220 11.2	18 .11880 11.9	19 .12540 12.5	20 .13200 13.2	21 .13860 13.9	22 .14520 14.5	24 .15840 15.8	25 .16500 16.5	28 .18480 18.5	30 .19800 19.8	32 .21120 21.1
75	17 .11220 11.2	19 .12540 12.5	20 .13200 13.2	21 .13860 13.9	22 .14520 14.5	23 .15180 15.2	25 .16500 16.5	27 .17820 17.8	29 .19140 19.1	32 .21120 21.1	34 .22440 22.4
00	18 .11880 11.9	20 .13200 13.2	21 .13860 13.9	22 .14520 14.5	23 .15180 15.2	24 .15840 15.8	26 .17160 17.2	28 .18480 18.5	31 .20460 20.5	33 .21780 21.8	35 .23100 23.1
25	19 .12540 12.5	20 .13200 13.2	22 .14520 14.5	23 .15180 15.2	24 .15840 15.8	25 .16500 16.5	27 .17820 17.8	29 .19140 19.1	32 .21120 21.1	34 .22440 22.4	36 .23760 23.8
50	20 .13200 13.2	21 .13860 13.9	22 .14520 14.5	23 .15180 15.2	24 .15840 15.8	26 .17160 17.2	28 .18480 18.5	30 .19800 19.8	33 .21780 21.8	36 .23760 23.8	38 .25080 25.1
75	20 .13200 13.2	22 .14520 14.5	23 .15180 15.2	24 .15840 15.8	25 .16500 16.5	27 .17820 17.8	29 .19140 19.1	31 .20460 20.5	34 .22440 22.4	37 .24420 24.4	39 .25740 25.7
00	21 .13860 13.9	22 .14520 14.5	24 .15840 15.8	25 .16500 16.5	26 .17160 17.2	28 .18480 18.5	30 .19800 19.8	32 .21120 21.1	35 .23100 23.1	38 .25080 25.1	40 .26400 26.4
25	21 .13860 13.9	23 .15180 15.2	24 .15840 15.8	25 .16500 16.5	27 .17820 17.8	29 .19140 19.1	30 .19800 19.8	33 .21780 21.8	36 .23760 23.8	39 .25740 25.7	41 .27060 27.1
50	22 .14520 14.5	23 .15180 15.2	25 .16500 16.5	26 .17160 17.2	27 .17820 17.8	29 .19140 19.1	31 .20460 20.5	34 .22440 22.4	37 .24420 24.4	40 .26400 26.4	42 .27720 27.7
75	22 .14520 14.5	24 .15840 15.8	25 .16500 16.5	27 .17820 17.8	28 .18480 18.5	30 .19800 19.8	32 .21120 21.1	34 .22440 22.4	38 .25080 25.1	41 .27060 27.1	43 .28380 28.4
00	23 .15180 15.2	24 .15840 15.8	26 .17160 17.2	27 .17820 17.8	29 .19140 19.1	31 .20460 20.5	33 .21780 21.8	35 .23100 23.1	39 .25740 25.7	41 .27060 27.1	44 .29040 29.0

OTA : Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 11.0
Luz (cm) = 650.

Carga Kg/M2	Espaciamiento (cm)										
	40	50	60	70	80	100	120	150	200	250	300
50	13 .09295 8.6	13 .09295 8.6	14 .10010 9.2	15 .10725 9.9	16 .11440 10.6	17 .12155 11.2	18 .12870 11.9	19 .13585 12.5	21 .15015 13.9	23 .16445 15.2	24 .17160 15.8
75	14 .10010 9.2	15 .10725 9.9	16 .11440 10.6	17 .12155 11.2	18 .12870 11.9	19 .13585 12.5	20 .14300 13.2	22 .15730 14.5	24 .17160 15.8	26 .18590 17.2	27 .19305 17.8
100	16 .11440 10.6	17 .12155 11.2	18 .12870 11.9	19 .13585 12.5	20 .14300 13.2	21 .15015 13.9	22 .15730 14.5	24 .17160 15.8	26 .18590 17.2	28 .20020 18.5	30 .21450 19.8
125	17 .12155 11.2	18 .12870 11.9	19 .13585 12.5	20 .14300 13.2	21 .15015 13.9	23 .16445 15.2	24 .17160 15.8	26 .18590 17.2	28 .20020 18.5	31 .22165 20.5	32 .22880 21.1
150	18 .12870 11.9	19 .13585 12.5	20 .14300 13.2	21 .15015 13.9	22 .15730 14.5	24 .17160 15.8	26 .18590 17.2	27 .19305 17.8	30 .21450 19.8	32 .22880 21.1	34 .24310 22.4
175	19 .13585 12.5	20 .14300 13.2	21 .15015 13.9	23 .16445 15.2	24 .17160 15.8	25 .17875 16.5	27 .19305 17.8	29 .20735 19.1	32 .22880 21.1	34 .24310 22.4	36 .25740 23.8
200	20 .14300 13.2	21 .15015 13.9	22 .15730 14.5	24 .17160 15.8	25 .17875 16.5	26 .18590 17.2	28 .20020 18.5	30 .21450 19.8	33 .23595 21.8	36 .25740 23.8	38 .27170 25.1
225	20 .14300 13.2	22 .15730 14.5	23 .16445 15.2	24 .17160 15.8	26 .18590 17.2	27 .19305 17.8	29 .20735 19.1	31 .22165 20.5	34 .24310 22.4	37 .26455 24.4	39 .27885 25.7
250	21 .15015 13.9	23 .16445 15.2	24 .17160 15.8	25 .17875 16.5	26 .18590 17.2	28 .20020 18.5	30 .21450 19.8	32 .22880 21.1	36 .25740 23.8	38 .27170 25.1	41 .29315 27.1
275	22 .15730 14.5	23 .16445 15.2	25 .17875 16.5	26 .18590 17.2	27 .19305 17.8	29 .20735 19.1	31 .22165 20.5	34 .24310 22.4	37 .26455 24.4	40 .28600 26.4	42 .30030 27.7
300	22 .15730 14.5	24 .17160 15.8	26 .18590 17.2	27 .19305 17.8	28 .20020 18.5	30 .21450 19.8	32 .22880 21.1	34 .24310 22.4	38 .27170 25.1	41 .29315 27.1	43 .30745 28.4
325	23 .16445 15.2	25 .17875 16.5	26 .18590 17.2	28 .20020 18.5	29 .20735 19.1	31 .22165 20.5	33 .23595 21.8	35 .25025 23.1	39 .27885 25.7	42 .30030 27.7	44 .31460 29.0
350	24 .17160 15.8	25 .17875 16.5	27 .19305 17.8	28 .20020 18.5	30 .21450 19.8	32 .22880 21.1	34 .24310 22.4	36 .25740 23.8	40 .28600 26.4	43 .30745 28.4	46 .32890 30.4
375	24 .17160 15.8	26 .18590 17.2	27 .19305 17.8	29 .20735 19.1	30 .21450 19.8	32 .22880 21.1	34 .24310 22.4	37 .26455 24.4	41 .29315 27.1	44 .31460 29.0	47 .33605 31.0
400	25 .17875 16.5	26 .18590 17.2	28 .20020 18.5	30 .21450 19.8	31 .22165 20.5	33 .23595 21.8	35 .25025 23.1	38 .27170 25.1	42 .30030 27.7	45 .32175 29.7	48 .34320 31.7

NOTA : Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 11.0
Luz (cm) = 700.

Carga Kg/M2	Espaciamiento (cm) 40	50	60	70	80	100	120	150	200	250	300
50	13 .10010 8.6	14 .10780 9.2	15 .11550 9.9	16 .12320 10.6	17 .13090 11.2	18 .13860 11.9	19 .14630 12.5	21 .16170 13.9	23 .17710 15.2	24 .18480 15.8	26 .20020 17.2
75	15 .11550 9.9	16 .12320 10.6	17 .13090 11.2	18 .13860 11.9	19 .14630 12.5	21 .16170 13.9	22 .16940 14.5	24 .18480 15.8	26 .20020 17.2	28 .21560 18.5	30 .23100 19.8
100	17 .13090 11.2	18 .13860 11.9	19 .14630 12.5	20 .15400 13.2	21 .16170 13.9	23 .17710 15.2	24 .18480 15.8	26 .20020 17.2	28 .21560 18.5	31 .23870 20.5	32 .24640 21.1
125	18 .13860 11.9	19 .14630 12.5	21 .16170 13.9	22 .16940 14.5	23 .17710 15.2	24 .18480 15.8	26 .20020 17.2	28 .21560 18.5	31 .23870 20.5	33 .25410 21.8	35 .26950 23.1
150	19 .14630 12.5	21 .16170 13.9	22 .16940 14.5	23 .17710 15.2	24 .18480 15.8	26 .20020 17.2	27 .20790 17.8	30 .23100 19.8	32 .24640 21.1	35 .26950 23.1	37 .28490 24.4
175	20 .15400 13.2	22 .16940 14.5	23 .17710 15.2	24 .18480 15.8	25 .19250 16.5	27 .20790 17.8	29 .22330 19.1	31 .23870 20.5	34 .26180 22.4	37 .28490 24.4	39 .30030 25.7
200	21 .16170 13.9	23 .17710 15.2	24 .18480 15.8	25 .19250 16.5	26 .20020 17.2	28 .21560 18.5	30 .23100 19.8	32 .24640 21.1	36 .27720 23.8	38 .29260 25.1	41 .31570 27.1
225	22 .16940 14.5	24 .18480 15.8	25 .19250 16.5	26 .20020 17.2	27 .20790 17.8	30 .23100 19.8	31 .23870 20.5	34 .26180 22.4	37 .28490 24.4	40 .30800 26.4	42 .32340 27.7
250	23 .17710 15.2	24 .18480 15.8	26 .20020 17.2	27 .20790 17.8	28 .21560 18.5	31 .23870 20.5	32 .24640 21.1	35 .26950 23.1	38 .29260 25.1	41 .31570 27.1	44 .33880 29.0
275	23 .17710 15.2	25 .19250 16.5	27 .20790 17.8	28 .21560 18.5	29 .22330 19.1	32 .24640 21.1	34 .26180 22.4	36 .27720 23.8	40 .30800 26.4	43 .33110 28.4	45 .34650 29.7
300	24 .18480 15.8	26 .20020 17.2	27 .20790 17.8	29 .22330 19.1	30 .23100 19.8	32 .24640 21.1	34 .26180 22.4	37 .28490 24.4	41 .31570 27.1	44 .33880 29.0	47 .36190 31.0
325	25 .19250 16.5	27 .20790 17.8	28 .21560 18.5	30 .23100 19.8	31 .23870 20.5	33 .25410 21.8	35 .26950 23.1	38 .29260 25.1	42 .32340 27.7	45 .34650 29.7	48 .36960 31.7
350	25 .19250 16.5	27 .20790 17.8	29 .22330 19.1	30 .23100 19.8	32 .24640 21.1	34 .26180 22.4	36 .27720 23.8	39 .30030 25.7	43 .33110 28.4	46 .35420 30.4	49 .37730 32.3
375	26 .20020 17.2	28 .21560 18.5	30 .23100 19.8	31 .23870 20.5	32 .24640 21.1	35 .26950 23.1	37 .28490 24.4	40 .30800 26.4	44 .33880 29.0	47 .36190 31.0	50 .38500 33.0
400	26 .20020 17.2	28 .21560 18.5	30 .23100 19.8	32 .24640 21.1	33 .25410 21.8	36 .27720 23.8	38 .29260 25.1	41 .31570 27.1	45 .34650 29.7	48 .36960 31.7	51 .39270 33.7

NOTA : Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 11.0
Luz (cm) = 750.

Carga Kg/M2	Espaciamiento (cm) 40	50	60	70	80	100	120	150	200	250	300
50	14 .11550 9.2	15 .12375 9.9	16 .13200 10.6	17 .14025 11.2	18 .14850 11.9	19 .15675 12.5	21 .17325 13.9	22 .18150 14.5	24 .19800 15.8	26 .21450 17.2	28 .23100 18.5
75	16 .13200 10.6	18 .14850 11.9	19 .15675 12.5	20 .16500 13.2	21 .17325 13.9	22 .18150 14.5	23 .18975 15.2	25 .20625 16.5	28 .23100 18.5	30 .24750 19.8	32 .26400 21.1
100	18 .14850 11.9	19 .15675 12.5	21 .17325 13.9	22 .18150 14.5	23 .18975 15.2	24 .19800 15.8	26 .21450 17.2	28 .23100 18.5	30 .24750 19.8	33 .27225 21.8	35 .28875 23.1
125	19 .15675 12.5	21 .17325 13.9	22 .18150 14.5	23 .18975 15.2	24 .19800 15.8	26 .21450 17.2	28 .23100 18.5	30 .24750 19.8	33 .27225 21.8	35 .28875 23.1	37 .30525 24.4
150	21 .17325 13.9	22 .18150 14.5	23 .18975 15.2	25 .20625 16.5	26 .21450 17.2	28 .23100 18.5	29 .23925 19.1	32 .26400 21.1	35 .28875 23.1	37 .30525 24.4	40 .33000 26.4
175	22 .18150 14.5	23 .18975 15.2	25 .20625 16.5	26 .21450 17.2	27 .22275 17.8	29 .23925 19.1	31 .25575 20.5	33 .27225 21.8	37 .30525 24.4	39 .32175 25.7	42 .34650 27.7
200	23 .18975 15.2	24 .19800 15.8	26 .21450 17.2	27 .22275 17.8	28 .23100 18.5	30 .24750 19.8	32 .26400 21.1	35 .28875 23.1	38 .31350 25.1	41 .33825 27.1	44 .36300 29.0
225	23 .18975 15.2	25 .20625 16.5	27 .22275 17.8	28 .23100 18.5	29 .23925 19.1	32 .26400 21.1	34 .28050 22.4	36 .29700 23.8	40 .33000 26.4	43 .35475 28.4	45 .37125 29.7
250	24 .19800 15.8	26 .21450 17.2	28 .23100 18.5	29 .23925 19.1	30 .24750 19.8	33 .27225 21.8	35 .28875 23.1	37 .30525 24.4	41 .33825 27.1	44 .36300 29.0	47 .38775 31.0
275	25 .20625 16.5	27 .22275 17.8	29 .23925 19.1	30 .24750 19.8	31 .25575 20.5	34 .28050 22.4	36 .29700 23.8	39 .32175 25.7	42 .34650 27.7	46 .37950 30.4	49 .40425 32.3
300	26 .21450 17.2	28 .23100 18.5	29 .23925 19.1	31 .25575 20.5	32 .26400 21.1	35 .28875 23.1	37 .30525 24.4	40 .33000 26.4	44 .36300 29.0	47 .38775 31.0	50 .41250 33.0
325	26 .21450 17.2	28 .23100 18.5	30 .24750 19.8	32 .26400 21.1	33 .27225 21.8	36 .29700 23.8	38 .31350 25.1	41 .33825 27.1	45 .37125 29.7	48 .39600 31.7	51 .42075 33.7
350	27 .22275 17.8	29 .23925 19.1	31 .25575 20.5	33 .27225 21.8	34 .28050 22.4	37 .30525 24.4	39 .32175 25.7	42 .34650 27.7	46 .37950 30.4	49 .40425 32.3	53 .43725 35.0
375	29 .23100 18.5	30 .24750 19.8	32 .26400 21.1	33 .27225 21.8	35 .28875 23.1	37 .30525 24.4	40 .33000 26.4	43 .35475 28.4	47 .38775 31.0	51 .42075 33.7	54 .44550 35.6
400	29 .23100 18.5	30 .24750 19.8	32 .26400 21.1	34 .28050 22.4	36 .29700 23.8	38 .31350 25.1	41 .33825 27.1	44 .36300 29.0	48 .39600 31.7	52 .42900 34.3	55 .45375 36.3

NOTA : Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 11.0
Luz (cm) = 800.

Carga Kg/M2	Espaciamiento (cm) 40	50	60	70	80	100	120	150	200	250	300
50	15 .13200 9.9	16 .14080 10.6	17 .14960 11.2	18 .15840 11.9	19 .16720 12.5	21 .18480 13.9	22 .19360 14.5	24 .21120 15.8	26 .22880 17.2	28 .24640 18.5	30 .26400 19.8
75	17 .14960 11.2	19 .16720 12.5	20 .17600 13.2	21 .18480 13.9	22 .19360 14.5	24 .21120 15.8	25 .22000 16.5	27 .23760 17.8	30 .26400 19.8	32 .28160 21.1	34 .29920 22.4
100	19 .16720 12.5	21 .18480 13.9	22 .19360 14.5	23 .20240 15.2	24 .21120 15.8	26 .22880 17.2	27 .23760 17.8	30 .26400 19.8	32 .28160 21.1	35 .30800 23.1	37 .32560 24.4
125	21 .18480 13.9	22 .19360 14.5	24 .21120 15.8	25 .22000 16.5	26 .22880 17.2	28 .24640 18.5	30 .26400 19.8	32 .28160 21.1	35 .30800 23.1	38 .33440 25.1	40 .35200 26.4
150	22 .19360 14.5	24 .21120 15.8	25 .22000 16.5	26 .22880 17.2	27 .23760 17.8	30 .26400 19.8	31 .27280 20.5	34 .29920 22.4	37 .32560 24.4	40 .35200 26.4	42 .36960 27.7
175	23 .20240 15.2	25 .22000 16.5	26 .22880 17.2	28 .24640 18.5	29 .25520 19.1	31 .27280 20.5	33 .29040 21.8	35 .30800 23.1	39 .34320 25.7	42 .36960 27.7	45 .39600 29.7
200	24 .21120 15.8	26 .22880 17.2	27 .23760 17.8	29 .25520 19.1	30 .26400 19.8	32 .28160 21.1	34 .29920 22.4	37 .32560 24.4	41 .36080 27.1	44 .38720 29.0	47 .41360 31.0
225	25 .22000 16.5	27 .23760 17.8	29 .25520 19.1	30 .26400 19.8	31 .27280 20.5	34 .29920 22.4	36 .31680 23.8	39 .34320 25.7	42 .36960 27.7	46 .40480 30.4	48 .42240 31.7
250	26 .22880 17.2	28 .24640 18.5	30 .26400 19.8	31 .27280 20.5	32 .28160 21.1	35 .30800 23.1	37 .32560 24.4	40 .35200 26.4	44 .38720 29.0	47 .41360 31.0	50 .44000 33.0
275	27 .23760 17.8	29 .25520 19.1	30 .26400 19.8	32 .28160 21.1	33 .29040 21.8	36 .31680 23.8	38 .33440 25.1	41 .36080 27.1	45 .39600 29.7	49 .43120 32.3	52 .45760 34.3
300	27 .23760 17.8	30 .26400 19.8	31 .27280 20.5	33 .29040 21.8	34 .29920 22.4	37 .32560 24.4	39 .34320 25.7	42 .36960 27.7	47 .41360 31.0	50 .44000 33.0	53 .46640 35.0
325	28 .24640 18.5	30 .26400 19.8	32 .28160 21.1	34 .29920 22.4	35 .30800 23.1	38 .33440 25.1	40 .35200 26.4	43 .37840 28.4	48 .42240 31.7	51 .44880 33.7	55 .48400 36.3
350	29 .25520 19.1	31 .27280 20.5	33 .29040 21.8	35 .30800 23.1	36 .31680 23.8	39 .34320 25.7	41 .36080 27.1	45 .39600 29.7	49 .43120 32.3	53 .46640 35.0	56 .49280 37.0
375	30 .26400 19.8	32 .28160 21.1	34 .29920 22.4	35 .30800 23.1	37 .32560 24.4	40 .35200 26.4	42 .36960 27.7	46 .40480 30.4	50 .44000 33.0	54 .47520 35.6	57 .50160 37.6
400	30 .26400 19.8	32 .28160 21.1	34 .29920 22.4	36 .31680 23.8	38 .33440 25.1	41 .36080 27.1	43 .37840 28.4	47 .41360 31.0	51 .44880 33.7	55 .48400 36.3	59 .51920 38.9

NOTA : Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 11.0
Luz (cm) 850.

Carga Kg/M2	Espaciamiento (cm) 40	50	60	70	80	100	120	150	200	250	300
50	16 .14960 10.6	17 .15895 11.2	19 .17765 12.5	19 .17765 12.5	20 .18700 13.2	22 .20570 14.5	23 .21505 15.2	25 .23375 16.5	27 .25245 17.8	30 .28050 19.8	31 .28985 20.5
75	19 .17765 12.5	20 .18700 13.2	21 .19635 13.9	22 .20570 14.5	23 .21505 15.2	25 .23375 16.5	26 .24310 17.2	29 .27115 19.1	31 .28985 20.5	34 .31790 22.4	36 .33660 23.8
100	20 .18700 13.2	22 .20570 14.5	23 .21505 15.2	24 .22440 15.8	25 .23375 16.5	27 .25245 17.8	29 .27115 19.1	31 .28985 20.5	34 .31790 22.4	37 .34595 24.4	39 .36465 25.7
125	22 .20570 14.5	24 .22440 15.8	25 .23375 16.5	26 .24310 17.2	27 .25245 17.8	30 .28050 19.8	31 .28985 20.5	34 .31790 22.4	37 .34595 24.4	40 .37400 26.4	42 .39270 27.7
150	23 .21505 15.2	25 .23375 16.5	26 .24310 17.2	28 .26180 18.5	29 .27115 19.1	31 .28985 20.5	33 .30855 21.8	36 .33660 23.8	39 .36465 25.7	42 .39270 27.7	45 .42075 29.7
175	24 .22440 15.8	26 .24310 17.2	28 .26180 18.5	29 .27115 19.1	31 .28985 20.5	33 .30855 21.8	35 .32725 23.1	38 .35530 25.1	41 .38335 27.1	45 .42075 29.7	47 .43945 31.0
200	25 .23375 16.5	27 .25245 17.8	29 .27115 19.1	31 .28985 20.5	32 .29920 21.1	34 .31790 22.4	37 .34595 24.4	39 .36465 25.7	43 .40205 28.4	47 .43945 31.0	49 .45815 32.3
225	26 .24310 17.2	29 .27115 19.1	30 .28050 19.8	32 .29920 21.1	33 .30855 21.8	36 .33660 23.8	38 .35530 25.1	41 .38335 27.1	45 .42075 29.7	48 .44880 31.7	51 .47685 33.7
250	27 .25245 17.8	30 .28050 19.8	31 .28985 20.5	33 .30855 21.8	34 .31790 22.4	37 .34595 24.4	39 .36465 25.7	42 .39270 27.7	47 .43945 31.0	50 .46750 33.0	53 .49555 35.0
275	28 .26180 18.5	30 .28050 19.8	32 .29920 21.1	34 .31790 22.4	36 .33660 23.8	38 .35530 25.1	41 .38335 27.1	44 .41140 29.0	48 .44880 31.7	52 .48620 34.3	55 .51425 36.3
300	29 .27115 19.1	31 .28985 20.5	33 .30855 21.8	35 .32725 23.1	37 .34595 24.4	39 .36465 25.7	42 .39270 27.7	45 .42075 29.7	49 .45815 32.3	53 .49555 35.0	57 .53295 37.6
325	30 .28050 19.8	32 .29920 21.1	34 .31790 22.4	36 .33660 23.8	38 .35530 25.1	40 .37400 26.4	43 .40205 28.4	46 .43010 30.4	51 .47685 33.7	55 .51425 36.3	58 .54230 38.3
350	31 .28985 20.5	33 .30855 21.8	35 .32725 23.1	37 .34595 24.4	38 .35530 25.1	41 .38335 27.1	44 .41140 29.0	47 .43945 31.0	52 .48620 34.3	56 .52360 37.0	59 .55165 38.9
375	31 .28985 20.5	34 .31790 22.4	36 .33660 23.8	38 .35530 25.1	39 .36465 25.7	42 .39270 27.7	45 .42075 29.7	48 .44880 31.7	53 .49555 35.0	57 .53295 37.6	61 .57035 40.3
400	32 .29920 21.1	34 .31790 22.4	37 .34595 24.4	38 .35530 25.1	40 .37400 26.4	43 .40205 28.4	46 .43010 30.4	49 .45815 32.3	54 .50490 35.6	59 .55165 38.9	62 .57970 40.9

NOTA : Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

INFOR

DIMENSIONAMIENTO DE VIGAS LAMINADAS RECTAS

Ancho (cm) = 11.0
Luz (cm) = 900.

Carga Kg/M2	Espaciamiento (cm) 40	50	60	70	80	100	120	150	200	250	300
50	17 .16830 11.2	18 .17820 11.9	20 .19800 13.2	21 .20790 13.9	22 .21780 14.5	23 .22770 15.2	25 .24750 16.5	26 .25740 17.2	29 .28710 19.1	31 .30690 20.5	33 .32670 21.8
75	20 .19800 13.2	21 .20790 13.9	22 .21780 14.5	23 .22770 15.2	25 .24750 16.5	26 .25740 17.2	28 .27720 18.5	30 .29700 19.8	33 .32670 21.8	36 .35640 23.8	38 .37620 25.1
100	22 .21780 14.5	23 .22770 15.2	25 .24750 16.5	26 .25740 17.2	27 .26730 17.8	29 .28710 19.1	31 .30690 20.5	33 .32670 21.8	36 .35640 23.8	39 .38610 25.7	42 .41580 27.7
125	23 .22770 15.2	25 .24750 16.5	26 .25740 17.2	28 .27720 18.5	29 .28710 19.1	31 .30690 20.5	33 .32670 21.8	36 .35640 23.8	39 .38610 25.7	42 .41580 27.7	45 .44550 29.7
150	25 .24750 16.5	26 .25740 17.2	28 .27720 18.5	29 .28710 19.1	31 .30690 20.5	33 .32670 21.8	35 .34650 23.1	38 .37620 25.1	42 .41580 27.7	45 .44550 29.7	48 .47520 31.7
175	26 .25740 17.2	28 .27720 18.5	29 .28710 19.1	31 .30690 20.5	32 .31680 21.1	35 .34650 23.1	37 .36630 24.4	40 .39600 26.4	44 .43560 29.0	47 .46530 31.0	50 .49500 33.0
200	27 .26730 17.8	29 .28710 19.1	31 .30690 20.5	32 .31680 21.1	34 .33660 22.4	36 .35640 23.8	39 .38610 25.7	42 .41580 27.7	46 .45540 30.4	49 .48510 32.3	52 .51480 34.3
225	28 .27720 18.5	30 .29700 19.8	32 .31680 21.1	34 .33660 22.4	35 .34650 23.1	38 .37620 25.1	40 .39600 26.4	43 .42570 28.4	48 .47520 31.7	51 .50490 33.7	54 .53460 35.6
250	29 .28710 19.1	31 .30690 20.5	33 .32670 21.8	35 .34650 23.1	36 .35640 23.8	39 .38610 25.7	42 .41580 27.7	45 .44550 29.7	49 .48510 32.3	53 .52470 35.0	56 .55440 37.0
275	30 .29700 19.8	32 .31680 21.1	34 .33660 22.4	36 .35640 23.8	38 .37620 25.1	40 .39600 26.4	43 .42570 28.4	46 .45540 30.4	51 .50490 33.7	55 .54450 36.3	58 .57420 38.3
300	31 .30690 20.5	33 .32670 21.8	35 .34650 23.1	37 .36630 24.4	39 .38610 25.7	42 .41580 27.7	44 .43560 29.0	48 .47520 31.7	52 .51480 34.3	56 .55440 37.0	60 .59400 39.6
325	32 .31680 21.1	34 .33660 22.4	36 .35640 23.8	38 .37620 25.1	40 .39600 26.4	43 .42570 28.4	45 .44550 29.7	49 .48510 32.3	54 .53460 35.6	58 .57420 38.3	61 .60390 40.3
350	32 .31680 21.1	35 .34650 23.1	37 .36630 24.4	39 .38610 25.7	41 .40590 27.1	44 .43560 29.0	46 .45540 30.4	50 .49500 33.0	55 .54450 36.3	59 .58410 38.9	63 .62370 41.6
375	33 .32670 21.8	36 .35640 23.8	38 .37620 25.1	40 .39600 26.4	42 .41580 27.7	45 .44550 29.7	48 .47520 31.7	51 .50490 33.7	56 .55440 37.0	61 .60390 40.3	64 .63360 42.2
400	34 .33660 22.4	36 .35640 23.8	39 .38610 25.7	41 .40590 27.1	43 .42570 28.4	46 .45540 30.4	49 .48510 32.3	52 .51480 34.3	58 .57420 38.3	62 .61380 40.9	66 .65340 43.6

NOTA : Para cada espaciamiento y carga se presenta : Altura (cm)
Volumen (M3)
Peso (Kg/m.l)

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BIBLIOTECA
INSTITUTO FORESTAL

BIBLIOGRAFIA

INN. NCh 1198 of. 77 Madera. Construcciones en madera. Cálculo, Santiago, Chile. 117p.

_____. NCh 1207 of. 78 Madera aserrada de Pino insigne. (Pinus radiata D. DON). Clasificación por resistencia. Santiago, Chile. 16p.

PEREZ G., Vicente A. Manual de Construcciones en Madera. Chile. Instituto Forestal. Manual Nº 10. 1978. p.irr.

_____. Manual de Madera Laminada. Chile. Instituto Forestal. Manual Nº 11. 1979. 228p.

_____. Manual de Cálculo de Construcciones en Maderas. Chile. Instituto Forestal. Manual Nº 13. 1983. 478p.

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