

NX34 Loading charts

Metric Loading Charts

Span		UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg [2x]	mm	kg [3x]	mm	kg [4x]	mm	
2	902	1,5	1751*	2,3	902	2	601	1,9	451	1,8	
3	600	5	1307*	5,8	873*	6,5	600	6,3	450	6	
4	448	11,8	1036*	10,9	715*	12,8	565*	14	448	14,2	
6	259	34,7	723*	26	519*	31,6	381*	32,3	308*	33,2	
8	143	61,7	546*	47,4	401*	58,8	282*	57,6	232*	60,4	
10	90	96,6	434*	75,4	322*	93,9	224*	91,1	184*	95,5	
12	61	139,4	357*	110,6	265*	137	182*	131,8	150*	137,9	
14	43	190,3	301*	153,5	226*	190,6	152*	180,1	127*	189,9	
16	32	249,3	255*	202,8	193*	251,9	129*	236,5	107*	248,9	

Imperial Loading Charts

Span		UDL		CPL		1/3 Point load		1/4Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs [2x]	in	lbs [3x]	in	lbs [4x]	in	
6.6	606.1	0.1	3860.3	0.1	1988.6	0.1	1325.0	0.1	994.3	0.1	
9.8	403.2	0.2	2881.4	0.2	1924.6	0.3	1322.8	0.2	992.1	0.2	
13.1	301.0	0.5	2284.0	0.4	1576.3	0.5	1245.6	0.6	987.7	0.6	
19.7	174.0	1.4	1593.9	1.0	1144.2	1.2	840.0	1.3	679.0	1.3	
26.2	96.1	2.4	1203.7	1.9	884.1	2.3	621.7	2.3	511.5	2.4	
32.8	60.5	3.8	956.8	3.0	709.9	3.7	493.8	3.6	405.7	3.8	
39.4	41.0	5.5	787.1	4.4	584.2	5.4	401.2	5.2	330.7	5.4	
45.9	28.9	7.5	663.6	6.0	498.2	7.5	335.1	7.1	280.0	7.5	
52.5	21.5	9.8	562.2	8.0	425.5	9.9	284.4	9.3	235.9	9.8	

- High values of distributed loads are idealized. Loads must be applied to node points!
- Full loading tables are available on request.

* limited by interaction of shear and moment at the connection
Displacement connection is decisive!