

Working Loads (Pounds)

Horse-power	Linear Speed in Feet per Minute												
	12 1/2	25	50	100	200	300	400	500	600	700	800	900	1,000
1/4	660	330	165	83	42	28	21	17	14	12	11	9	8
1/2	1,320	660	330	165	83	55	42	33	28	24	21	18	17
3/4	1,980	990	495	248	124	83	62	50	41	36	31	27	25
1	2,640	1,320	660	330	165	110	83	66	55	47	42	37	33
1-1/2	3,960	1,980	990	495	248	165	124	99	83	71	62	55	50
2	5,280	2,640	1,320	660	330	220	165	132	110	94	83	73	66
2-1/2	6,600	3,300	1,650	825	413	275	206	165	137	118	103	92	83
3	7,920	3,960	1,980	990	495	330	248	198	165	141	124	110	99
4	10,560	5,280	2,640	1,320	660	440	330	264	220	189	165	147	132
5	13,200	6,600	3,300	1,650	825	550	413	330	275	236	206	183	165
7-1/2	19,800	9,900	4,950	2,475	1,238	825	619	495	413	354	310	275	248
10	26,400	13,200	6,600	3,300	1,650	1,100	825	660	550	471	412	367	330
15	39,600	19,800	9,900	4,950	2,475	1,650	1,238	990	825	707	619	550	495
20	52,800	26,400	13,200	6,600	3,300	2,200	1,650	1,320	1,100	943	825	734	660
25	66,000	33,000	16,500	8,250	4,125	2,750	2,063	1,650	1,375	1,178	1,031	917	825
30	79,200	39,600	19,800	9,900	4,950	3,300	2,475	1,980	1,650	1,414	1,238	1,100	990
35	92,400	46,200	23,100	11,550	5,775	3,850	2,888	2,310	1,925	1,650	1,444	1,283	1,155
40	105,600	52,800	26,400	13,200	6,600	4,400	3,300	2,640	2,200	1,885	1,650	1,464	1,320
50	132,000	66,000	33,000	16,500	8,250	5,500	4,125	3,300	2,750	2,357	2,062	1,833	1,650
60	158,400	79,200	39,600	19,800	9,900	6,600	4,950	3,960	3,300	2,829	2,475	2,200	1,980
75	198,000	99,000	49,500	24,750	12,390	8,250	6,195	4,950	4,125	3,536	3,098	2,750	2,475
100	264,000	132,000	66,000	33,000	16,500	11,000	8,250	6,600	5,500	4,714	4,125	3,667	3,300
125	330,000	165,000	82,500	41,250	20,625	13,750	10,313	8,250	6,875	5,893	5,157	4,583	4,125
150	396,000	198,000	99,000	49,500	24,750	16,500	12,375	9,900	8,250	7,071	6,188	5,500	4,950
175	462,000	231,000	115,500	57,750	28,875	19,250	14,438	11,550	9,625	8,250	7,219	6,417	5,775
200	528,000	264,000	132,000	66,000	33,000	22,000	16,500	13,200	11,000	9,429	8,250	7,333	6,600
250	660,000	330,000	165,000	82,500	41,250	27,500	20,625	16,500	13,750	11,786	10,313	9,167	8,250
300	792,000	396,000	198,000	99,000	49,500	33,000	24,750	19,800	16,500	14,143	12,375	11,000	9,900
350	924,000	462,000	231,000	115,000	57,750	38,500	28,875	23,100	19,250	16,500	14,438	12,833	11,500
400	1,056,000	528,000	264,000	132,000	66,000	44,000	33,000	26,400	22,000	18,857	16,500	14,667	13,200