

CLASS II Speed Reducer Size Selection Tables

OUTPUT SPEED RPM	REDUCER SIZE	NOMINAL RATIO [†]	OUTPUT SPEED RPM	REDUCER SIZE	NOMINAL RATIO [†]	OUTPUT SPEED RPM	REDUCER SIZE	NOMINAL RATIO [†]
1/4 HP (.18 kW) Motor			3 HP (2.2 kW) Motor			10 HP (7.5 kW) Motor (cont.)		
10 - 100	107C	25	10 - 15	215G	25	14 - 21	315J	25
	107C	20		215G	20		315J	20
	107C	14		215G	14		315J	14
101 - 400	107C	5	16 - 21	207F	25	22 - 29	307H	25
1/3 HP (.25 kW) Motor				207F	20		307H	20
10 - 100	107C	25		207F	14		307H	14
	107C	20	22 - 33	203E	25	30 - 57	215G	25
	107C	14		203E	20		215G	20
101 - 400	107C	5		203E	14	58 - 89	215G	14
1/2 HP (.37 kW) Motor			34 - 65	115D	25		207F	25
10 - 100	107C	25		115D	20		207F	20
	107C	20		115D	14	90 - 100	207F	14
	107C	14	66 - 100	107C	25		203E	25
101 - 400	107C	5		107C	20		203E	20
3/4 HP (.55 kW) Motor			101 - 400	107C	14	101 - 199	203E	5
10 - 13	115D	25		107C	5	200 - 369	115D	5
	115D	20	5 HP (3.7 kW) Motor			370 - 400	107C	5
	115D	14	10 - 11	315J	25	15 HP (11 kW) Motor		
14 - 100	107C	25		315J	20	10 - 11	507L	25
	107C	20		315J	14		507L	14
	107C	14	12 - 15	307H	25	12 - 15	415K	25
101 - 400	107C	5		307H	20		415K	20
1 HP (.75 kW) Motor				307H	14		415K	14
10 - 11	203E	25	16 - 25	215G	25	16 - 19	407S	25
	203E	20		215G	20		407S	20
	203E	14	26 - 37	215G	14		407S	14
12 - 19	115D	25		207F	25	20 - 29	407S	25
	115D	20		207F	20		315J	25
	115D	14	38 - 69	207F	14		315J	20
20 - 100	107C	25		203E	25	30 - 45	315J	14
	107C	20		203E	20		307H	25
	107C	14	70 - 100	203E	14		307H	20
101 - 400	107C	5		115D	25	46 - 85	307H	14
1 1/2 HP (1.1 kW) Motor				115D	20		215G	25
10 - 11	207F	25	101 - 129	115D	14		215G	20
	207F	20	140 - 400	107C	5	86 - 89	215G	14
	207F	14	7 1/2 HP (5.5 kW) Motor			90 - 100	215G	14
12 - 17	203E	25	10 - 11	407S	25		215G	14
	203E	20		407S	20		215G	14
	203E	14		407S	14		215G	14
18 - 27	115D	25	12 - 15	315J	25	101 - 189	207F	5
	115D	20		315J	20	190 - 349	203E	5
	115D	14		315J	14	350 - 400	115D	5
28 - 100	107C	25	16 - 21	307H	25	20 HP (15 kW) Motor		
	107C	20		307H	20	10 - 14	507L	25
	107C	14		307H	14		507L	20
101 - 400	107C	5	22 - 39	215G	25		507L	14
2 HP (1.5 kW) Motor				215G	20	15 - 19	415K	25
10 - 11	215G	25		215G	14		415K	20
	215G	20	40 - 65	207F	25		415K	14
	215G	14		207F	20	20 - 25	407S	25
12 - 15	207F	25		207F	14		407S	20
	207F	20	66 - 100	207F	14		407S	14
	207F	14		203E	25	26 - 41	315J	25
16 - 23	203E	25		203E	20		315J	20
	203E	20	101 - 119	203E	14		315J	14
	203E	14	120 - 249	115D	5	42 - 69	307H	25
24 - 37	115D	25	250 - 400	107C	5		307H	20
	115D	20	10 HP (7.5 kW) Motor				307H	14
	115D	14	10 - 11	415K	25	70 - 85	215G	25
38 - 100	107C	25		415K	20		215G	20
	107C	20		415K	14	86 - 100	215G	14
	107C	14	12 - 13	407S	25	101 - 159	215G	5
101 - 400	107C	5		407S	20	160 - 279	207F	5
				407S	14	280 - 400	203E	5

Note: [†]Consult factory for delivery on units with 20:1 ratio.

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25 HP (18.5 kW) Motor			40 HP (30 kW) Motor (cont.)			75 HP (55 kW) Motor (cont.)		
10 - 19	507L	25	40 - 61	407S	25	65 - 74	507L	14
	507L	20		407S	20		415K	25
	507L	14		407S	14		415K	20
20 - 23	415K	25	62 - 74	315J	25		415K	14
	415K	20		315J	20	75 - 89	415K	14
	415K	14		315J	14	90 - 100	407S	14
24 - 31	407S	25	75 - 100	315J	14	101 - 149	407S	5
	407S	20	101 - 109	315J	5	150 - 299	315J	5
	407S	14	110 - 199	307H	5	300 - 360	307H	5
32 - 57	315J	25	200 - 400	215G	5	361 - 400	307H	5
	315J	20	50 HP (37 kW) Motor			100 HP (75 kW) Motor		
	315J	14	12 - 21	608M	25	24 - 45	608M	25
58 - 80	307H	25		608M	20		608M	20
	307H	20		608M	14		608M	14
	307H	14	22 - 37	507L	25	46 - 58	507L	25
81 - 89	307H	14		507L	20		507L	20
90 - 100	215G	14		507L	14		507L	14
101 - 229	215G	5	38 - 53	415K	25	59 - 87	507L	14
230 - 379	207F	5		415K	20	88 - 100	415K	14
380 - 400	203E	5		415K	14	101 - 149	415K	5
30 HP (22 kW) Motor			54 - 78	407S	25	150 - 239	407S	5
10 - 11	608M	25		407S	20	240 - 320	315J	5
	608M	20		407S	14	321 - 400	315J	5*
	608M	14	79	407S	14	125 HP (90 kW) Motor		
12 - 21	507L	25	80 - 100	315J	14	32 - 54	608M	25
	507L	20	101 - 159	315J	5		608M	20
	507L	14	160 - 279	307H	5		608M	14
22 - 29	415K	25	280 - 400	215G	5	55 - 57	608M	14
	415K	20	60 HP (45 kW) Motor			58 - 85	507L	14
	415K	14	14 - 25	608M	25	86 - 100	507L	14*
30 - 41	407S	25		608M	20	140 - 209	415K	5
	407S	20		608M	14	210 - 370	407S	5
	407S	14	26 - 47	507L	25	371 - 400	407S	5*
42 - 77	315J	25		507L	20	150 HP (110 kW) Motor		
	315J	20		507L	14	38 - 54	608M	25
	315J	14	48 - 69	415K	25		608M	20
78 - 80	307H	25		415K	20		608M	14
	307H	20		415K	14	55 - 73	608M	14
	307H	14	70 - 78	407S	25	74 - 78	507L	14
81 - 100	307H	14		407S	20	79 - 100	507L	14*
101 - 119	307H	5		407S	14	190 - 279	415K	5
120 - 289	215G	5	79 - 94	407S	14	280 - 300	407S	5
290 - 400	207F	5	95 - 100	315J	14	301 - 400	407S	5*
40 HP (30 kW) Motor			101 - 219	315J	5	200 HP Motor		
10 - 17	608M	25	220 - 359	307H	5	54	608M	25
	608M	20	360 - 390	215G	5		608M	20
	608M	14	391 - 400	215G	5*		608M	14
18 - 29	507L	25	75 HP (55 kW) Motor			55 - 85	608M	14
	507L	20	18 - 31	608M	25	86 - 100	608M	14*
	507L	14		608M	20	250 HP Motor		
30 - 39	415K	25		608M	14	74 - 78	608M	14
	415K	20	32 - 64	507L	25	79 - 100	608M	14*
	415K	14		507L	20			

Notes: †Consult factory for delivery on units with 20:1 ratio.
 *Indicates that power is constrained by thermal limitations. Please consult factory for ratings with cooling fans.