

Series 150 1/4 to 1-1/2 HP

APPLICATIONS with increased torque at LOW SPEEDS

input driving motor	speed range (rpm)	output torque (in-lbs.)		model no. with motor	Figure no.
		at max. speed	at 1/10 max. speed		
1/4 HP at 1150 rpm	1000 to 0	10	23	125HMS2.8	II
	360 to 0	30	65	125HM	I
	125 to 0	85	180	125HMR2.8	II
	72 to 0	150	325	125HMR5	II
	51 to 0	210	455	125HMR7	II
	25 to 0	420	910	125HMT14	III
	18 to 0	600	1300	125HMT20	III
	14 to 0	750	1625	125HMT25	III
	10 to 0	1050	2275	125HMT35	III
	7 to 0	1500	3250	125HMT50	III
	72 to 0	100	185	125HMW5	IV
	32 to 0	250	465	125HMW12	IV
	20 to 0	310	575	125HMW18	IV
	6.5 to 0	700	1300	125HMW54	IV
	1/2 HP at 1150 rpm	1230 to 0	16	32	150MS2.8
440 to 0		45	90	150M	I
150 to 0		115	230	150MR2.8	II
88 to 0		225	450	150MR5	II
63 to 0		300	600	150MR7	II
31 to 0		610	1250	150MT14	III
22 to 0		880	1760	150MT20	III
18 to 0		1100	2200	150MT25	III
13 to 0		1540	3180	150MT35	III
9 to 0		2200	4500	150MT50	III
90 to 0		180	360	150MW5	IV
37 to 0		360	720	150MW12	IV
25 to 0		525	1050	150MW18	IV
8 to 0		1100	2200	150MW54	IV
3/4 HP at 1750 rpm		1400 to 0	23	50	175HMS2.8
	510 to 0	65	140	175HM	I
	180 to 0	180	390	175HMR2.8	II
	100 to 0	325	700	175HMR5	II
	70 to 0	455	980	175HMR7	II
	36 to 0	910	1960	175HMT14	III
	25 to 0	1300	2800	175HMT20	III
	20 to 0	1625	3500	175HMT25	III
	14 to 0	2275	5000*	175HMT35	III
	10 to 0	3250	6000*	175HMT50	III
	100 to 0	310	620	175HMW5	IV
	42 to 0	670	1340	175HMW12	IV
	28 to 0	930	1860	175HMW18	IV
	9 to 0	2100	2600*	175HMW54	IV
	1 HP at 1750 rpm	1800 to 0	30	65	200MS2.8
650 to 0		85	180	200M	I
230 to 0		240	500	200MR2.8	II
130 to 0		425	900	200MR5	II
93 to 0		600	1000*	200MR7	II
47 to 0		1190	2520	200MT14	III
33 to 0		1700	3600	200MT20	III
26 to 0		2125	4000*	200MT25	III
19 to 0		2975	4000*	200MT35	III
13 to 0		4250	6000*	200MT50	III
130 to 0		390	780	200MW5	IV
54 to 0		850	1700	200MW12	IV
36 to 0		1200	2400	200MW18	IV
12 to 0		2600*	2600*	200MW54	IV
1 1/2 HP at 1750 rpm		1800 to 0	35	75	250MS2.8
	650 to 0	100	220	250M	I
	230 to 0	280	615	250MR2.8	II
	130 to 0	500	1000*	250MR5	II
	93 to 0	700	1000*	250MR7	II
	47 to 0	1400	3080	250MT14	III
	33 to 0	2000	4000*	250MT20	III
	26 to 0	2500	4000*	250MT25	III
	19 to 0	3500	6000*	250MT35	III
	13 to 0	5000	8000	250MT50	III
	130 to 0	450	900	250MW5	IV
	54 to 0	1000	2000	250MW12	IV
	36 to 0	1600	2600*	250MW18	IV
	12 to 0	2600*	2600*	250HMW54	IV

*This torque rating is limited by the strength of the reducer.

APPLICATIONS with increased torque at HIGH SPEEDS

input driving motor	speed range (rpm)	output torque (in-lbs.)		model no. with motor	Figure no.
		at max. speed	at 1/10 max. speed		
1/2 HP at 1150 rpm	1820 to 0	18	10	130MS2.8	II
	650 to 0	45	30	130M	I
	232 to 0	130	85	130MR2.8	II
	130 to 0	240	150	130MR5	II
	92 to 0	330	210	130MR7	II
	46 to 0	660	420	130MT14	III
	32 to 0	950	600	130MT20	III
	26 to 0	1160	750	130MT25	III
	18 to 0	1620	1100	130MT35	III
	13 to 0	2350	1500	130MT50	III
	130 to 0	225	135	130MW5	IV
	54 to 0	475	280	130MW12	IV
	36 to 0	700	420	130MW18	IV
	12 to 0	1800	1150	130MW54	IV
	3/4 HP at 1750 rpm	2800 to 0	16	16	160MS2.8
1000 to 0		48	45	160M	I
350 to 0		135	125	160MR2.8	II
200 to 0		215	220	160MR5	II
140 to 0		330	315	160MR7	II
70 to 0		650	630	160MT14	III
50 to 0		925	900	160MT20	III
40 to 0		1150	1100	160MT25	III
28 to 0		1680	1550	160MT35	III
20 to 0		2300	2200	160MT50	III
200 to 0		200	180	160MW5	IV
83 to 0		500	450	160MW12	IV
55 to 0		750	620	160MW18	IV
18 to 0		2000*	1500	160MW54	IV
1 HP at 1750 rpm		2800 to 0	23	16	190MS2.8
	1000 to 0	60	45	190M	I
	350 to 0	175	125	190MR2.8	II
	200 to 0	305	220	190MR5	II
	140 to 0	435	315	190MR7	II
	70 to 0	875	630	190MT14	III
	50 to 0	1225	900	190MT20	III
	40 to 0	1530	1100	190MT25	III
	28 to 0	2200	1550	190MT35	III
	20 to 0	3100	2200	190MT50	III
	200 to 0	275	180	190MW5	IV
	83 to 0	650	450	190MW12	IV
	55 to 0	1000	620	190MW18	IV
	18 to 0	2600*	1500	190MW54	IV
	1 1/2 HP at 1750 rpm	2800 to 0	44	16	230MS2.8
1000 to 0		90	45	230M	I
350 to 0		270	125	230MR2.8	II
200 to 0		500	225	230MR5	II
140 to 0		880	315	230MR7	II
70 to 0		1400	630	230MT14	III
50 to 0		2000	900	230MT20	III
40 to 0		2400	1120	230MT25	III
28 to 0		3300	1570	230MT35	III
20 to 0		4000*	2240	230MT50	III
200 to 0		390	180	230MW5	IV
83 to 0		1100	450	230MW12	IV
55 to 0		1600	620	230MW18	IV
18 to 0		2600*	1500	230MW54	IV

SPEED CORRECTOR RATINGS Option "K" See page 7

APPLICATIONS with increased torque at LOW SPEEDS

input driving motor	speed range (rpm)		torque in lbs.	model no. with motor	Figure no.
	max.	min.			
1 1/2 HP at 1150 rpm*	4000	2800	15	150KM	I
	800	560	75	150KMR5	II
	160	115	375	150KMT25	III
	80	56	750	150KMT50	III
	320	230	80	150KMW12	IV
less motor† input 100 rpm	330	240	20	150AK	I
	66	48	100	150AKR5	II
	13	10	500	150AKT25	III
	7	5	1250	150AKT50	III
	27	20	110	150AKW12	IV

*Or coupled 1750 rpm motors up to 1/2 hp.

†For other input speeds, multiply output speed in table by input speed, divided by 100.