

Series N29 1/6 to 1/4 HP

APPLICATION 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		
1/6 HP at 1750 rpm	2750 to 0	5	1	N27MS5	II
	1320 to 0	1	2	N27MS2.4	II
	550 to 0	2.5	5	N27M	I
	230 to 0	12	11	N27MR2.4	II
	110 to 0	12	21	N27MR5	II
	55 to 0	22	40	N27MT10	III
	35 to 0	37	60	N27MT15	III
	22 to 0	65	100	N27MT25	III
	15 to 0	90	120	N27MT37	III
	110 to 0	8	13	N27MW5	IV
	46 to 0	15	25	N27MW12	IV
	24 to 0	23	35	N27MW23	IV
	12 to 0	37	52	N27MW45	IV
	9 to 0	47	62	N27MW60	IV
1/4 HP at 3450 rpm	5500 to 0	2	3.5	N29MS5	II
	2640 to 0	4	7	N29MS2.4	II
	1100 to 0	10	16	N29M	I
	450 to 0	20	35	N29MR2.4	II
	220 to 0	45	75	N29MR5	II
	110 to 0	90	150	N29MT10	III
	70 to 0	140	230	N29MT15	III
	44 to 0	240	390	N29MT25	III
	30 to 0	360	580	N29MT37	III
	220 to 0	30	50	N29MW5	IV
	92 to 0	60	100	N29MW12	IV
	48 to 0	120	190	N29MW23	IV
	24 to 0	160	260	N29MW45	IV
	18 to 0	220	300	N29MW60	IV
Spring-loaded models					
1/6 HP at 1750 rpm	2600 to 0	2	3.5	N28AMS5	II
	1250 to 0	4	7	N28AMS2.4	II
	525 to 0	12	18	N28AM	I
	218 to 0	27	42	N28AMR2.4	II
	105 to 0	55	85	N28AMR5	II
	52 to 0	110	170	N28AMT10	III
	35 to 0	170	270	N28AMT15	III
	21 to 0	280	450	N28AMT25	III
	14 to 0	400	650	N28AMT37	III
	105 to 0	35	55	N28AMW5	IV
	43 to 0	70	100	N28AMW12	IV
	22 to 0	140	200	N28AMW23	IV
	11 to 0	180	275	N28AMW45	IV
	8 to 0	250	340	N28AMW60	IV

APPLICATION 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		
1/4 HP at 3450 rpm	8750 to 0	2	1	N30MS5	II
	4200 to 0	5	2.5	N30MS2.4	II
	1750 to 0	12	6	N30M	I
	730 to 0	30	15	N30MR2.4	II
	340 to 0	60	30	N30MR5	II
	175 to 0	120	60	N30MT10	III
	117 to 0	180	100	N30MT15	III
	70 to 0	300	150	N30MT25	III
	48 to 0	440	220	N30MT37	III
	350 to 0	45	22	N30MW5	IV
	146 to 0	100	48	N30MW12	IV
	76 to 0	165	75	N30MW23	IV
	39 to 0	240	120	N30MW45	IV
	29 to 0	270	130	N30MW60	IV
Spring-loaded models					
1/6 HP at 1750 rpm	4300 to 0	3	1.5	N30AMS5	II
	2100 to 0	6	3	N30AMS2.4	II
	875 to 0	15	8	N30AM	I
	360 to 0	36	19	N30AMR2.4	II
	170 to 0	75	40	N30AMR5	II
	87 to 0	150	80	N30AMT10	III
	57 to 0	225	120	N30AMT15	III
	35 to 0	370	200	N30AMT25	III
	23 to 0	550	290	N30AMT37	III
	175 to 0	46	20	N30AMW5	IV
	73 to 0	75	40	N30AMW12	IV
	38 to 0	145	75	N30AMW23	IV
	19 to 0	230	125	N30AMW45	IV
	14 to 0	225	140	N30AMW60	IV

SPEED CORRECTOR RATINGS

Option "K" See page 7

Only a few reducer ratios are shown below.
All other ratios shown above are available.

input driving motor	speed range (rpm)		torque in-lbs.	model no. with motor	Figure no.
	max.	min.			
1/6 HP at 1750 rpm*	6150	4700	3	N29KM	I
	1230	940	15	N29KMR5	II
	245	188	75	N29KMT25	III
	166	127	111	N29KMT37	III
	510	390	16	N29KMW12	IV
less motor† input 100 rpm	350	270	7	N28AK	I
	68	52	35	N28AKR5	II
	14	11	175	N28AKT25	III
	10	8	259	N28AKT37	III
	29	23	38	N28AKW12	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.

C FACE TYPE NEMA 56C face, N29C

