

0311

3.0 HP

4 POLE

N2 R/MIN	i	lb in	Fm	lbf	Unit Designation	lb	IEC Motor Size	NEMA Motor Size
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry <input type="text" value="1"/> Through <input type="text" value="20"/> Spaces to be filled when entering order	Weight of base mount unit		
458	3.75	398	1.24	278	M 0 1 2 2 3 . 6 _ _ _ 3 . 0 L - -	66.1	90LA	182TC
339	5.07	538	1.04	269	5 . 0			
298	5.76	612	0.97	263	5 . 6			
263	6.53	696	0.9	254	6 . 3			
479	3.59	381	2.19	791	M 0 2 2 2 3 . 6 _ _ _ 3 . 0 L - -	72.8	90LA	182TC
341	5.03	536	1.8	811	5 . 0			
310	5.55	588	1.7	820	5 . 6			
273	6.3	668	1.58	831	6 . 3			
215	8	852	1.36	849	8 . 0			
189	9.09	969	1.24	831	9 . 0			
154	11.15	1189	1.05	733	1 1 .			
139	12.37	1320	0.97	674	1 2 .			
122	14.05	1497	0.87	609	1 4 .			
108	15.97	1697	0.8	531	1 6 .			
479	3.59	382	2.59	791	M 0 3 2 2 3 . 6 _ _ _ 3 . 0 L - -	72.8	90LA	182TC
341	5.03	536	2.11	811	5 . 0			
310	5.55	592	1.99	820	5 . 6			
273	6.3	669	1.84	831	6 . 3			
215	8	853	1.58	849	8 . 0			
189	9.09	971	1.45	831	9 . 0			
154	11.15	1190	1.26	733	1 1 .			
139	12.37	1319	1.18	674	1 2 .			
122	14.05	1494	1.08	609	1 4 .			
108	15.97	1701	1.01	531	1 6 .			
98	17.58	1874	0.93	456	1 8 .			
85	20.23	2152	0.85	331	2 0 .			
342	5.04	535	3.68	1034	M 0 4 2 2 5 . 0 _ _ _ 3 . 0 B - -	108	100L	182TC
305	5.65	599	3.45	1050	5 . 6			
272	6.34	674	3.23	1068	6 . 3			
214	8.05	855	2.8	1105	8 . 0			
189	9.13	970	2.6	1121	9 . 0			
158	10.89	1157	2.31	1144	1 1 .			
138	12.54	1332	1.77	1130	1 2 .			
118	14.58	1549	1.58	1176	1 4 .			
106	16.31	1731	1.47	1193	1 6 .			
99	17.39	1844	1.4	1181	1 8 .			
84	20.61	2191	1.21	1249	2 0 .			
78	22	2331	1.15	1264	2 2 .			
63	27.3	2902	0.96	1309	2 8 .			
54	32.19	3404	0.84	1336	3 2 .			
137	12.54	1337	1.76	1130	M 0 4 2 2 1 2 . _ _ _ 3 . 0 L - -	92.6	90LA	182TC
118	14.58	1556	1.58	1176	1 4 .			
105	16.31	1738	1.46	1193	1 6 .			
99	17.39	1851	1.4	1181	1 8 .			
83	20.61	2200	1.21	1249	2 0 .			
78	22	2341	1.15	1264	2 2 .			
63	27.3	2914	0.96	1309	2 8 .			
53	32.19	3418	0.83	1336	3 2 .			
1382	1.24	134	2.39	575	M 0 5 1 2 1 . 2 _ _ _ 3 . 0 L - -	63.9	90LA	182TC
1217	1.41	153	2.19	591	1 . 4			
958	1.79	194	1.88	625	1 . 8			
843	2.04	221	1.76	645	2 . 0			
687	2.5	271	1.58	661	2 . 5			
620	2.77	301	1.45	658	2 . 8			
545	3.15	341	1.14	658	3 . 2			
480	3.58	388	1.04	672	3 . 6			
436	3.94	428	0.97	658	4 . 0			
379	4.53	492	0.86	654	4 . 5			
349	4.93	533	0.8	652	5 . 0			
158	10.89	1160	3.43	1105	M 0 5 2 2 1 1 . _ _ _ 3 . 0 B - -	108	100L	182TC
138	12.54	1334	2.82	1053	1 2 .			
118	14.58	1553	2.56	1009	1 4 .			
106	16.31	1734	2.3	981	1 6 .			
99	17.39	1848	2.15	965	1 8 .			
84	20.61	2188	1.82	1060	2 0 .			
78	22	2335	1.71	1033	2 2 .			
63	27.3	2897	1.37	1160	2 8 .			
54	32.19	3404	0.84	1040	3 2 .			
137	12.54	1340	2.81	1053	M 0 5 2 2 1 2 . _ _ _ 3 . 0 L - -	94.8	90LA	182TC
118	14.58	1559	2.55	1009	1 4 .			
105	16.31	1742	2.29	981	1 6 .			
99	17.39	1856	2.15	965	1 8 .			
83	20.61	2197	1.81	1060	2 0 .			
78	22	2345	1.7	1033	2 2 .			
63	27.3	2908	1.37	1160	2 8 .			
53	32.19	3418	0.83	1040	3 2 .			
713	2.42	261	3.72	899	M 0 6 1 2 2 . 5 _ _ _ 3 . 0 B - -	88.2	100L	182TC
619	2.79	302	2.82	899	2 . 8			
532	3.24	351	2.75	899	3 . 2			
476	3.62	390	2.58	899	3 . 6			
446	3.86	418	2.5	899	4 . 0			
377	4.58	495	2.11	899	4 . 5			
353	4.89	527	1.98	899	5 . 0			
284	6.07	654	1.6	899	6 . 0			
241	7.15	772	1.35	899	7 . 1			
220	7.83	843	1.24	899	8 . 0			

NOTE
Other output speeds are available using 2, 6 and 8 pole motors - Consult Textron Power Transmission

0311

3.0 HP

4 POLE

N2 R/MIN	i	lb in	Fm	lbf	Unit Designation	lb	IEC Motor Size	NEMA Motor Size
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit		
530	3.24	352	2.73	899	M 0 6 1 2 3 . 2 _ _ _ _ 3 . 0 L - -	75	90LA	182TC
474	3.62	392	2.57	899	3 . 6			
445	3.86	419	2.49	899	4 . 0			
375	4.58	497	2.1	899	4 . 5			
351	4.89	530	1.97	899	5 . 0			
283	6.07	657	1.59	899	6 . 0			
240	7.15	775	1.35	899	7 . 1			
219	7.83	846	1.23	899	8 . 0			
128	13.48	1435	3.72	1618	M 0 6 2 2 1 2 . _ _ _ _ 3 . 0 B - -	119	100L	182TC
111	15.52	1654	2.82	1618	1 4 .			
96	18.05	1921	2.75	1618	1 6 .			
85	20.2	2149	2.58	1598	1 8 .			
80	21.53	2290	2.42	1579	2 0 .			
68	25.51	2715	2.04	1521	2 2 .			
63	27.24	2897	1.91	1618	2 8 .			
51	33.8	3592	1.54	1610	3 2 .			
43	39.86	4219	1.31	1618	3 6 .			
40	43.64	4622	1.2	1618	4 5 .			
32	53.49	5654	0.81	1618	5 0 .			
111	15.52	1661	2.81	1618	M 0 6 2 2 1 4 . _ _ _ _ 3 . 0 L - -	105.8	90LA	182TC
95	18.05	1929	2.73	1618	1 6 .			
85	20.2	2158	2.57	1598	1 8 .			
80	21.53	2299	2.41	1579	2 0 .			
67	25.51	2726	2.03	1521	2 2 .			
63	27.24	2909	1.9	1618	2 8 .			
51	33.8	3607	1.54	1610	3 2 .			
43	39.86	4236	1.31	1618	3 6 .			
39	43.64	4641	1.19	1618	4 5 .			
32	53.49	5677	0.81	1618	5 0 .			
381	4.53	488	3.97	1438	M 0 7 1 2 4 . 5 _ _ _ _ 3 . 0 B - -	105.8	100L	182TC
337	5.12	551	3.51	1438	5 . 0			
291	5.93	639	3.03	1438	6 . 0			
244	7.08	762	2.54	1438	7 . 1			
223	7.75	833	2.33	1438	8 . 0			
380	4.53	490	3.95	1438	M 0 7 1 2 4 . 5 _ _ _ _ 3 . 0 L - -	90.4	90LA	182TC
336	5.12	554	3.5	1438	5 . 0			
290	5.93	642	3.02	1438	6 . 0			
243	7.08	765	2.53	1438	7 . 1			
222	7.75	836	2.32	1438	8 . 0			
106	16.26	1725	3.93	1885	M 0 7 2 2 1 6 . _ _ _ _ 3 . 0 B - -	136.7	100L	182TC
96	17.94	1905	3.59	1893	1 8 .			
84	20.54	2179	3.21	1814	2 0 .			
74	23.23	2461	2.87	1871	2 2 .			
64	26.93	2849	2.52	1792	2 8 .			
54	32.12	3398	2.15	1672	3 2 .			
49	35.17	3722	1.98	1598	3 6 .			
41	42.21	4453	1.68	1607	4 5 .			
36	48.56	5113	1.21	1696	5 0 .			
32	53.96	5664	0.93	1864	5 6 .			
106	16.26	1732	3.92	1885	M 0 7 2 2 1 6 . _ _ _ _ 3 . 0 L - -	121.3	90LA	182TC
96	17.94	1912	3.57	1893	1 8 .			
84	20.54	2188	3.19	1814	2 0 .			
74	23.23	2471	2.86	1871	2 2 .			
64	26.93	2861	2.51	1792	2 8 .			
53	32.12	3412	2.14	1672	3 2 .			
49	35.17	3737	1.97	1598	3 6 .			
41	42.21	4471	1.68	1607	4 5 .			
35	48.56	5133	1.21	1696	5 0 .			
32	53.96	5687	0.93	1864	5 6 .			
29	58.95	6189	1.02	1727	M 0 7 3 2 5 6 . _ _ _ _ 3 . 0 L - -	132.3	90LA	182TC
27	62.83	6598	0.97	1556	6 3 .			
23	74.47	7832	0.86	1051	7 1 .			
22	79.51	8344	0.83	834	8 0 .			
242	7.14	770	3.58	1798	M 0 8 1 2 7 . 1 _ _ _ _ 3 . 0 B - -	136.7	100L	182TC
220	7.85	844	3.33	1798	8 . 0			
48	36.21	3839	3.69	4523	M 0 8 2 2 3 6 . _ _ _ _ 3 . 0 B - -	207.2	100L	182TC
39	44.38	4706	3.08	4532	4 5 .			
36	48.46	5130	2.85	4536	5 0 .			
31	55.8	5871	2.29	4190	5 6 .			
29	60.33	6266	2.13	4154	M 0 8 3 2 5 6 . _ _ _ _ 3 . 0 B - -	209.4	100L	182TC
26	66.02	6917	2	4098	6 3 .			
23	74.69	7774	1.83	4159	7 1 .			
20	84.31	8781	1.68	3906	8 0 .			
17	102.2	10671	1.41	3910	1 0 0			
14	119.19	12417	1.21	3340	1 1 2			
13	130.92	13659	1.1	2947	1 2 5			
11	160.45	16739	0.9	2600	1 6 0			
10	175.21	18260	0.82	2037	1 8 0			
28	60.33	6292	2.12	4154	M 0 8 3 2 5 6 . _ _ _ _ 3 . 0 L - -	194	90LA	182TC
26	66.02	6945	1.99	4098	6 3 .			
23	74.69	7805	1.83	4159	7 1 .			
20	84.31	8817	1.68	3906	8 0 .			
17	102.2	10714	1.4	3910	1 0 0			
14	119.19	12467	1.21	3340	1 1 2			
13	130.92	13714	1.1	2947	1 2 5			
11	160.45	16807	0.9	2600	1 6 0			
10	175.21	18335	0.82	2037	1 8 0			

NOTE
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0311

3.0 HP

4 POLE

N2 R/MIN	i	lb in	Fm	lbf	Unit Designation	lb	IEC Motor Size	NEMA Motor Size
Output Speed	Ratio	Output Torque	Service Factor	Overhung Load	Column Entry 1 Through 20 Spaces to be filled when entering order	Weight of base mount unit		
31	55.18	5833	3.08	6656	M 0 9 2 1 5 6 3 . 0 B - -	297.6	100L	182TC
28	61.13	6468	3.38	6657	6 3 .			
25	68.74	7253	3.01	6635	7 1 .			
29	59.85	6275	3.44	6658	M 0 9 3 1 5 6 3 . 0 B - -	317.5	100L	182TC
26	66.49	6972	3.2	6635	6 3 .			
23	74.26	7778	3.11	6635	7 1 .			
21	82.51	8648	2.89	6636	8 0 .			
18	93.92	9838	2.37	6602	9 0 .			
17	103.68	10866	2.15	6580	1 0 0			
15	116.55	12223	2.07	6573	1 1 2			
13	128.66	13485	1.88	6561	1 2 5			
12	145.2	15126	1.45	6522	1 4 0			
11	160.29	16705	1.31	6504	1 6 0			
7.4	231.06	23931	0.98	5780	M 0 9 4 1 2 2 5 3 . 0 L - -	359.4	90LA	182TC
6.7	258.09	26696	0.95	5609	2 5 0			
5.7	300.18	31040	0.81	5609	2 8 0			
18	95.44	9990	3.34	11119	M 1 0 3 1 9 0 3 . 0 B - -	425.5	100L	182TC
16	109.97	11508	2.9	11054	1 0 0			
15	112.77	11795	3.31	11054	1 1 2			
13	129.94	13586	2.87	10989	1 2 5			
13	135.88	14139	2.6	10980	1 4 0			
11	156.57	16288	2.26	10884	1 6 0			
7.8	220.22	22577	1.73	9347	M 1 0 4 1 2 2 5 3 . 0 B - -	507	100L	182TC
7.1	242.24	24832	1.57	9347	2 5 0			
6.2	278.36	28527	1.37	9347	2 8 0			
5.5	315.65	32308	1.21	9347	3 0 0			
5	348.16	35662	1.1	9347	3 6 0			
4.3	398.71	40826	0.96	9347	4 0 0			
3.9	443.06	45298	0.86	9347	4 5 0			
7.8	220.22	22669	1.72	9347	M 1 0 4 1 2 2 5 3 . 0 L - -	493.8	90LA	182TC
7.1	242.24	24933	1.57	9347	2 5 0			
6.2	278.36	28643	1.36	9347	2 8 0			
5.4	315.65	32440	1.2	9347	3 0 0			
4.9	348.16	35807	1.09	9347	3 6 0			
4.3	398.71	40992	0.95	9347	4 0 0			
3.9	443.06	45482	0.86	9347	4 5 0			
12	139.07	14386	3.97	15043	M 1 3 3 1 1 4 0 3 . 0 B - -	579.8	100L	182TC
11	154.89	16000	3.57	15021	1 6 0			
10	173.37	18015	3.12	14999	1 8 0			
9.4	184.46	19180	2.93	14977	2 0 0			
8.1	212.09	21993	2.6	14978	2 2 5			
7.6	226.98	23227	2.42	14529	M 1 3 4 1 2 2 5 3 . 0 B - -	672.4	100L	182TC
6.9	249.68	25546	2.2	14529	2 5 0			
6	286.9	29344	1.92	14529	2 8 0			
5.3	325.33	33229	1.69	14529	3 0 0			
4.8	358.84	36676	1.53	14529	3 6 0			
4.2	410.95	41982	1.34	14529	4 0 0			
3.7	463.22	47292	1.19	14529	4 5 0			
3.3	523.74	53436	1.05	14529	5 0 0			
2.8	607.22	61900	0.91	14529	6 5 0			
7.6	226.98	23322	2.41	14529	M 1 3 4 1 2 2 5 3 . 0 L - -	659.2	90LA	182TC
6.9	249.68	25650	2.19	14529	2 5 0			
6	286.9	29463	1.91	14529	2 8 0			
5.3	325.33	33365	1.68	14529	3 0 0			
4.8	358.84	36826	1.53	14529	3 6 0			
4.2	410.95	42153	1.33	14529	4 0 0			
3.7	463.22	47485	1.18	14529	4 5 0			
3.3	523.74	53654	1.05	14529	5 0 0			
2.8	607.22	62153	0.9	14529	6 5 0			
7	246.73	25283	3.71	18122	M 1 4 4 1 2 2 5 3 . 0 B - -	928.1	100L	182TC
6.4	271.4	27805	3.37	18122	2 5 0			
5.5	311.86	31935	2.94	18122	2 8 0			
4.9	353.64	36160	2.59	18122	3 0 0			
4.4	390.06	39907	2.35	18122	3 6 0			
3.9	446.71	45675	2.05	18122	4 0 0			
3.5	492.49	50312	1.89	18122	4 5 0			
3.1	556.83	56841	1.68	18122	5 0 0			
2.7	645.58	65834	1.45	18122	6 5 0			
2.2	770.01	78416	1.22	18122	7 3 0			
2.2	801.52	81386	1.16	18122	8 6 0			
1.9	929.27	94278	1	18122	1 0 C			
1.6	1108.37	112319	0.84	18122	1 1 C			
7	246.73	25386	3.69	18122	M 1 4 4 1 2 2 5 3 . 0 L - -	914.9	90LA	182TC
6.3	271.4	27918	3.36	18122	2 5 0			
5.5	311.86	32065	2.92	18122	2 8 0			
4.9	353.64	36307	2.58	18122	3 0 0			
4.4	390.06	40070	2.34	18122	3 6 0			
3.8	446.71	45861	2.04	18122	4 0 0			
3.5	492.49	50517	1.89	18122	4 5 0			
3.1	556.83	57072	1.67	18122	5 0 0			
2.7	645.58	66102	1.44	18122	6 5 0			
2.2	770.01	78736	1.21	18122	7 3 0			
2.1	801.52	81718	1.15	18122	8 6 0			
1.8	929.27	94663	1	18122	1 0 C			
1.6	1108.37	112776	0.84	18122	1 1 C			

NOTE
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