

Scan. Order. Done.
Details on page A1.



MOTORS

General Purpose AC Motors

HP	Nameplate RPM	Frame	Full Load Amps	Service Factor	Nom. Efficiency	Overall Length	Mfr. Model	Item No.
Cast-Iron Frame, Open Dripproof								
20	1770	256TC	49.4/24.7	1.15	93.0%	22 3/8"	020180T3E256TC	12N922
25	1770	284TC	59.8/29.9	1.15	93.6%	23 3/8"	025180T3E284TC	12N924
30	1770	286TC	35.4/15.3	1.15	94.1%	24 1/8"	030180T3E286TC	12N926
Rolled Steel Frame, Open Dripproof								
1 1/2	1760	143/5TC	4.1/2.1	1.15	86.5%	12 1/8"	001580T3E145TC-S	33HN92
5	1760	182/4TC	12.7/6.3	1.15	89.5%	16 1/8"	005180T3E184TC-S	33HP09
7 1/2	1770	213/5TC	18.5/9.3	1.15	91.0%	16 1/8"	007180T3E213TC-S	33HP15
10	1770	213/5TC	24.8/12.4	1.15	91.7%	17 3/4"	010180T3E215TC-S	33HP21
15	1775	254/6TC	37.2/18.6	1.15	93.0%	20 1/2"	015180T3E254TC-S	33HN04
Cast-Iron Frame, Totally Enclosed Fan-Cooled								
1	3495	143TC	2.8/1.4	1.25	78.5%	12 3/8"	00136ET3E143TC-W22	6FDP4
	1760	143TC	2.8/1.4	1.25	85.5%	12 3/8"	00118ET3E143TC-W22	6PTP7
1 1/2	3490	143TC	3.8/1.9	1.25	84.0%	12 3/8"	00156ET3E143TC-W22	6FDT0
	1755	145TC	4.0/2.0	1.25	86.5%	13 3/8"	00158ET3E145TC-W22	6FDP5
2	3480	145TC	5.0/2.5	1.25	85.5%	13 3/8"	00236ET3E145TC-W22	6FDP7
	1750	145TC	5.2/2.6	1.25	86.5%	13 3/8"	00218ET3E145TC-W22	6FDP6
3	3510	182TC	7.2/3.6	1.25	86.5%	14 3/8"	00336ET3E182TC-W22	6FDP9
	1760	182TC	7.7/3.8	1.25	89.5%	14 3/8"	00318ET3E182TC-W22	6FDP8
5	3500	184TC	11.8/5.9	1.25	88.5%	15 3/8"	00536ET3E184TC-W22	6FDR1
	1755	184TC	12.9/6.4	1.25	89.5%	15 3/8"	00518ET3E184TC-W22	6FDR0
7 1/2	3520	213TC	17.5/8.7	1.25	89.5%	18"	00736ET3E213TC-W22	6FDR3
	1765	213TC	18.0/9.0	1.25	91.7%	18"	00718ET3E213TC-W22	6FDR2
10	3515	215TC	23.2/11.6	1.25	90.2%	19 1/2"	01036ET3E215TC-W22	6FDR5
	1760	215TC	24.8/12.4	1.25	91.7%	19 1/2"	01018ET3E215TC-W22	6FDR4
15	3530	254TC	34.7/17.2	1.25	91.0%	23 1/4"	01536ET3E254TC-W22	6FDR7
	1765	254/6TC	36.0/18.0	1.25	92.4%	23 1/4"	01518ET3E254TC-W22	6FDR6
20	3520	256TC	46.4/23.2	1.25	91.0%	25"	02036ET3E256TC-W22	6FDR9
	1765	256TC	48.2/24.1	1.25	93.0%	25"	02018ET3E256TC-W22	6FDR8
25	3535	284TSC	57.0/28.5	1.25	91.7%	25 1/8"	02536ET3E284TSC-W22	6FDT1
	1765	284TC	59.0/29.5	1.25	93.6%	26 1/8"	02518ET3E284TC-W22	6FDT2
30	3535	286TSC	67.6/33.8	1.25	91.7%	26 1/8"	03036ET3E286TSC-W22	6FDT3
	1765	286TC	70.2/35.1	1.25	93.6%	27 1/8"	03018ET3E286TC-W22	6FDT4
40	3555	324TSC	91.6/45.8	1.25	92.4%	28 3/8"	04036ET3E324TSC-W22	6FDT5
	1775	324TC	96.4/48.2	1.25	94.1%	29 3/8"	04018ET3E324TC-W22	6FDT6
50	3550	326TSC	112.0/56.1	1.25	93.0%	29 3/8"	05036ET3E326TSC-W22	6FDT7
	1775	326TC	118.0/59.2	1.25	94.5%	31 3/8"	05018ET3E326TC-W22	6FDT8
60	3560	364/5TSC	134.0/67.0	1.25	93.6%	32 1/4"	06036ET3E364TSC-W22	6FDT9
	1775	364/5TC	137.0/68.3	1.25	95.0%	34 1/4"	06018ET3E364TC-W22	6FDTU0
75	3555	364/5TSC	164.0/81.9	1.25	93.6%	32 1/4"	07536ET3E365TSC-W22	6FDTU1
	1775	364/5TC	168.0/84.1	1.25	95.4%	34 1/4"	07518ET3E365TC-W22	6FDTU2



No. 6FDP4

3-Phase Face/Base-Mount Motors

- Rotation: CW/CCW
- Thermal protection: none
- Voltage: 230/460 (usable at 208V)
- Insulation: Class F motors have Class B temperature rise for longer life
- Inverter rated
- Bearings: ball, regreasable 254TC frame and above
- Max. ambient temp.: 40°C

Corrosion-resistant finish. V-ring slingers on both endshields block debris from entering housing cavity. Automatic pressure-compensated drain plugs. Gasketed conduit boxes are threaded for easier installation. Stainless steel, laser-etched nameplate maintains information over long life. TEFC models are severe-duty rated. All models meet NEMA Premium® Standards and are UL Recognized and CSA Certified.

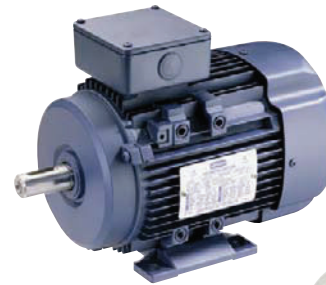
Note: Motors are nameplate 60/50 Hz and maintain nameplate HP rating at 50 Hz.

3-Phase IEC Metric Rigid Base- and Face-Mount Motors

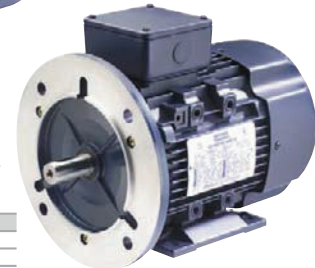


- Enclosure: IP55
- Rotation: CW/CCW
- Thermal protection: none
- Voltage: 230/460 at 60Hz, 200/400 at 50Hz
- Service factor: 1.15
- Insulation: Class F
- Bearings: ball
- Max. ambient temp.: 40°C

Steel fan cover and low-noise fan maximize airflow efficiency. Inverter-Rated Insulation System (IRIS™) provides protection against voltage spikes induced by variable frequency drives. V-seals on both drive end and nondrive end. Multimount repositionable feet (aluminum frame units only) allow 3 conduit box positions. Terminal boards included. Suitable as replacement motors for machine tools, textile machinery, and other equipment with metric dimensions. UL Recognized, CSA Certified, and CE Compliant.



B3 Base Mount



B3/B5 Base/D-Flange Mount



B3/B14 Base/C-Face Mount

HP	kW	Nom. Efficiency	Nameplate RPM	Full Load Amps	Frame	Mfr. Model	Item No.	B3/B5 BASE/D-FLANGE MOUNT	Mfr. Model	Item No.	B3/B14 BASE/C-FACE MOUNT	Mfr. Model	Item No.
Cast Aluminum Frame													
1/4	0.19	72.0%	3355	1.0/0.50	—	—	—	—	—	—	D63C	192017.00	3GVP4
	0.19	68.0%	1655	1.2/0.60	D63	192011.00	2NB50	—	—	—	D63C	192018.00	2NE16
	0.19	64.0%	1105	1.2/0.60	D71	192012.00	3GVK3	—	—	—	D71C	192019.00	3GVP5
	0.25	72.0%	3355	1.2/0.60	D63	192020.00	3GVK4	—	—	—	D63C	192027.00	2NE18
1/2	0.25	68.0%	1705	1.4/0.70	D71	192021.00	3GVK5	D71D	192025.00	3GVN3	D71C	192028.00	2NE20
	0.25	70.0%	1135	1.4/0.70	D80	192022.00	3GVK6	D80D	192026.00	3GVN4	D80C	192029.00	3GVP6
	0.37	74.0%	3435	1.6/0.80	D71	192030.00	3GVK7	D71D	192034.00	3GVN5	D71C	192037.00	3GVP7
	0.37	74.0%	1650	2.0/1.0	D71	192031.00	2NB52	D71D	192035.00	2NB76	D71C	192038.00	2NE22
3/4	0.37	72.0%	1125	2.0/1.0	D80	192032.00	3GVK8	—	—	—	D80C	192039.00	3GVP8
	0.56	74.0%	3455	2.4/1.2	D71	192040.00	3GVK9	D71D	192044.00	2NB78	D71C	192047.00	3GVP9
	0.56	74.0%	1715	2.4/1.2	D80	192041.00	3GLV1	D80D	192045.00	3GVN6	D80C	192048.00	3GVR1
	0.56	72.0%	1125	2.8/1.4	D80	192042.00	3GLV2	D80D	192046.00	3GVN7	D80C	192049.00	3GVR2
1	0.75	75.5%	3475	3.0/1.5	D80	192264.00	3GLV3 *	D80D	192265.00	3GVN8 *	D80C	192266.00	2NE24 *
	0.75	82.5%	1150	3.4/1.7	D90S	192200.00	5PGH2 *	D90SD	192201.00	5PGH3 *	—	—	—
1 1/2	1.12	86.5%	1725	4.0/2.0	D90S	192202.00	5PGH4 *	D90SD	192203.00	5PGH5 *	D90SC	192204.00	5PGH6 *
	1.49	85.5%	3455	5.0/2.5	D90S	192208.00	11N103 *	D90SD	192210.00	11N104 *	D90SC	192213.00	11N105 *
2	1.49	86.5%	1725	5.4/2.7	D90L	192205.00	5PGH7 *	D90LD	192206.00	5PGH8 *	D90LC	192207.00	5PGH9 *
	3.24	87.5%	3425	7.0/3.5	D90L	192209.00	11N106 *	D90LD	192211.00	11N107 *	D90LC	192214.00	11N108 *
Cast-Iron Frame													
3	2.24	89.5%	1770	8.0/4.0	DF100L	193301.60	5PGJ0 *	DF100LD	193334.60	5PGJ1 *	DF100LC	193359.60	5PGJ2 *
	3.0	88.5%	3520	9.2/4.6	DF100L	193303.60	5PGJ3 *	—	—	—	—	—	—
4	3.0	89.5%	1760	10.0/5.0	—	—	—	DF100LD	193337.60	5PGJ4 *	—	—	—
	4.10	88.6%	3510	12.6/6.3	DF112M	193306.60	5PGJ5 *	—	—	—	—	—	—
5 1/2	4.10	88.5%	3510	12.6/6.3	—	—	—	DF112MD	193339.60	5PGJ7 *	—	—	—
	4.10	89.5%	1755	14.0/7.0	DF112M	193307.60	5PGJ6 *	DF112MD	193340.60	5PGJ8 *	—	—	—
7 1/2	5.60	91.7%	1770	18.4/9.2	DF132S	193310.60	5PGJ9 *	—	—	—	—	—	—
	7.50	90.2%	3535	24.0/12.0	DF132S	193312.60	5PGK0 *	—	—	—	—	—	—
10	7.50	91.7%	1765	24.0/12.0	DF132M	193313.60	5PGK1 *	DF132MD	193346.60	5PGK2 *	—	—	—
	15	11.2	92.4%	1765	36.0/18.0	DF160M	193316.60	5PGK3 *	DF160MD	193349.60	5PGK4 *	—	—

* NEMA Premium® energy-efficient motors.

1-800-GRAINGER (472-4643)

IMPORTANT MOTOR INFORMATION: Refer to pages 3-7 for selection guidelines, standardized dimensions, thermal protection information, UL 507 Standard location information, NEMA & IEC guidelines, energy legislation information, and terminology.