Elektrim® Motors

Elektrim 575V Motors

Quick and Easy Voltage Flexibility for NEMA and Metric IEC Motors

Motors are re-rated from stock models to 575V in as little as (1) business day

Available 575V Motors:

- 1-100 HP NEMA Premium Performance Series Motors
- 1-100 HP NEMA Premium Severe Duty Motors
- 4-150 HP Metric IEC Motors
- 1-60 HP NEMA Premium Close Coupled Pump Motors
- 1-30 HP NEMA Premium Brake Motors

Additional Supply Voltages for NEMA and Metric motors available upon request:

60 Hz Voltages
208V
230V
380V
400V
460V

60 Hz Voltages
480V
575V
600V
796V

50 Hz Voltages
190V
200V
220V
230V
240V
380V
400V

50 Hz Voltages
415V
440V
500V
525V
660V
690V

575V Performance Premium Efficient – 1-100 HP

3PH TEFC 60 Hz NEMA AC Foot Mounted and C-Face Motors

Features

- Inverter Duty Rated: 10:1CT & 20:1VT
- Service Factor: up to 1.4
- Design: "B" or "A"
- Protection Degree: IP55
- Enclosure: TEFC rigid cast iron frame
- Motors meet NEMA premium efficiency requirements
- VPI applied for best electrical performance
- Oversized ball bearings on both ends
- Designed for horizontal and vertical application
- Low vibration level (below 0.08 in/sec)
- Class "F" insulation with rise at or below Class "B"
- Impregnation resin and winding wire Class "H" (DN2E200)
- Stainless steel nameplate with connection diagram
- Efficiency tested according to IEEE112 Method B
- CSA-US certified, DOE approved, CE and NEMA Premium® marked
- Warranty: 3-Years

HP	RPM	Frame	Volt	Footed Part Number	Motor List Price	Notes (a)
1	1800	143T	575V	20NFM-3-1-18/575	$599	33
	1200	145T	575V	20NFM-3-1-12/575	$674	33
1.5	3600	143T	575V	20NFM-3-1.5-36/575	$645	33
	1800	145T	575V	20NFM-3-1.5-18/575	$632	33
	1200	182T	575V	20NFM-3-1.5-12/575	$810	33
2	3600	145T	575V	20NFM-3-2-36/575	$688	33
	1800	145T	575V	20NFM-3-2-18/575	$684	33
	1200	184T	575V	20NFM-3-2-12/575	$871	33
3	3600	182T	575V	20NFM-3-3-36/575	$820	33
	1800	182T	575V	20NFM-3-3-18/575	$754	33
	1200	213T	575V	20NFM-3-3-12/575	$1,159	32
5	3600	184T	575V	20NFM-3-5-36/575	$963	33
	1800	184T	575V	20NFM-3-5-18/575	$866	33
	1200	215T	575V	20NFM-3-5-12/575	$1,414	32
7.5	3600	213T	575V	20NFM-3-7.5-36/575	$1,180	32
	1800	213T	575V	20NFM-3-7.5-18/575	$1,155	32
	1200	254T	575V	20NFM-3-7.5-12/575	$2,009	32
10	3600	215T	575V	20NFM-3-10-36/575	$1,336	32
	1800	215T	575V	20NFM-3-10-18/575	$1,325	32
	1200	256T	575V	20NFM-3-10-12/575	$2,337	32
15	3600	254T	575V	20NFM-3-15-36/575	$1,754	32
	1800	254T	575V	20NFM-3-15-18/575	$1,846	32
	1200	284T	575V	20NFM-3-15-12/575	$3,170	32
20	3600	256T	575V	20NFM-3-20-36/575	$2,133	32
	1800	256T	575V	20NFM-3-20-18/575	$2,178	32
	1200	286T	575V	20NFM-3-20-12/575	$3,794	32
25	3600	284TS	575V	20NFM-3-25-36/575	$2,617	32
	1800	284T	575V	20NFM-3-25-18/575	$2,687	32
	1200	324T	575V	20NFM-3-25-12/575	$4,845	32
30	3600	286TS	575V	20NFM-3-30-36/575	$3,074	32
	1800	286T	575V	20NFM-3-30-18/575	$3,106	32
	1200	326T	575V	20NFM-3-30-12/575	$5,277	32
40	3600	324TS	575V	20NFM-3-40-36/575	$5,182	32
	1800	324T	575V	20NFM-3-40-18/575	$5,021	32
	1200	364T	575V	20NFM-3-40-12/575	$6,904	32
50	3600	326TS	575V	20NFM-3-50-36/575	$5,672	32
	1800	326T	575V	20NFM-3-50-18/575	$5,476	32
	1200	365T	575V	20NFM-3-50-12/575	$8,385	32
60	3600	364TS	575V	20NFM-3-60-36/575	$7,531	32
	1800	364T	575V	20NFM-3-60-18/575	$6,981	32
	1200	404T	575V	20NFM-3-60-12/575	$9,871	32
75	3600	365TS	575V	20NFM-3-75-36/575	$8,837	32
	1800	365T	575V	20NFM-3-75-18/575	$8,379	32
	1200	405T	575V	20NFM-3-75-12/575	$11,323	32
100	3600	405TS	575V	20NFM-3-100-36/575	$10,903	32
	1800	405T	575V	20NFM-3-100-18/575	$11,214	32
	1200	444T	575V	20NFM-3-100-12/575	$14,646	32

HP	RPM	Frame	Volt	C-Face Part Number	Motor List Price	Notes (a)
1	1800	143TC	575V	20NCM-3-1-18/575	$640	33
	1200	145TC	575V	20NCM-3-1-12/575	$721	33
1.5	3600	143TC	575V	20NCM-3-1.5-36/575	$689	33
	1800	145TC	575V	20NCM-3-1.5-18/575	$676	33
	1200	182TC	575V	20NCM-3-1.5-12/575	$868	33
2	3600	145TC	575V	20NCM-3-2-36/575	$736	33
	1800	145TC	575V	20NCM-3-2-18/575	$732	33
	1200	184TC	575V	20NCM-3-2-12/575	$934	33
3	3600	182TC	575V	20NCM-3-3-36/575	$879	33
	1800	182TC	575V	20NCM-3-3-18/575	$791	33
	1200	213TC	575V	20NCM-3-3-12/575	$1,246	32
5	3600	184TC	575V	20NCM-3-5-36/575	$1,034	33
	1800	184TC	575V	20NCM-3-5-18/575	$928	33
	1200	215TC	575V	20NCM-3-5-12/575	$1,523	32
7.5	3600	213TC	575V	20NCM-3-7.5-36/575	$1,269	32
	1800	213TC	575V	20NCM-3-7.5-18/575	$1,229	32
	1200	254TC	575V	20NCM-3-7.5-12/575	$2,166	32
10	3600	215TC	575V	20NCM-3-10-36/575	$1,438	32
	1800	215TC	575V	20NCM-3-10-18/575	$1,419	32
	1200	256TC	575V	20NCM-3-10-12/575	$2,522	32
15	3600	254TC	575V	20NCM-3-15-36/575	$1,891	32
	1800	254TC	575V	20NCM-3-15-18/575	$1,990	32
	1200	284TC	575V	20NCM-3-15-12/575	$3,424	32
20	3600	256TC	575V	20NCM-3-20-36/575	$2,301	32
	1800	256TC	575V	20NCM-3-20-18/575	$2,350	32
	1200	286TC	575V	20NCM-3-20-12/575	$4,099	32
25	3600	284TSC	575V	20NCM-3-25-36/575	$2,825	32
	1800	284TC	575V	20NCM-3-25-18/575	$2,901	32
	1200	324TC	575V	20NCM-3-25-12/575	$5,238	32
30	3600	286TSC	575V	20NCM-3-30-36/575	$3,320	32
	1800	286TC	575V	20NCM-3-30-18/575	$3,355	32
	1200	326TC	575V	20NCM-3-30-12/575	$5,705	32
40	3600	324TSC	575V	20NCM-3-40-36/575	$5,603	32
	1800	324TC	575V	20NCM-3-40-18/575	$5,428	32
	1200	364TC	575V	20NCM-3-40-12/575	$7,468	32
50	3600	326TSC	575V	20NCM-3-50-36/575	$6,134	32
	1800	326TC	575V	20NCM-3-50-18/575	$5,922	32
	1200	365TC	575V	20NCM-3-50-12/575	$9,072	32
60	3600	364TSC	575V	20NCM-3-60-36/575	$8,147	32
	1800	364TC	575V	20NCM-3-60-18/575	$7,551	32
	1200	404TC	575V	20NCM-3-60-12/575	$10,681	32
75	3600	365TSC	575V	20NCM-3-75-36/575	$9,561	32
	1800	365TC	575V	20NCM-3-75-18/575	$9,065	32
	1200	405TC	575V	20NCM-3-75-12/575	$12,254	32
100	3600	405TSC	575V	20NCM-3-100-36/575	$11,799	32
	1800	405TC	575V	20NCM-3-100-18/575	$12,135	32
	1200	444TC	575V	20NCM-3-100-12/575	$15,852	32

Premium Efficient Motors Motors can be modified from Footed to C-Face and vice versa.

NOTE 32: Special 12-lead 575V "S" wiring diagram suitable for D-O-L and soft startup only.
NOTE 33: 575V "Y" 9-lead wiring diagram.

575V Severe Duty Performance Premium Efficient – 1-100 HP

3PH TEFC 60 Hz NEMA AC Foot Mounted and C-Face Motors

Features

- Ultra-strong oversized ball bearings on both ends for extra strength and durability
- High starting torque
- High service factor up to 1.4
- IP55 water-tight and dust-proof TEFC enclosure
- Moisture resistant tropicalization
- High temperature protected Class H wiring
- Cast iron construction including junction box, end brackets and fan guard (double gauge reinforced steel fan guard 320T and up for reduced weight and increased air flow)
- Designed for horizontal and vertical application
- Vacuum pressure impregnation for the most dependable failsafe electrical performance
- Low vibration level (below 0.08 in/sec)
- Inverter duty rated 10:1CT and 20:1VT
- V- Ring up to 286T, Labyrinth seal 324T and up
- High temperature grease
- CSA-US certified, DOE approved, CE and NEMA Premium marked
- Warranty: 3-Years

HP	RPM	Frame	Volt	Footed Part Number	Motor List Price	Notes (a)
1	1800	143T	575V	60NFS-3-1-18/575	$817	33
	1200	145T	575V	60NFS-3-1-12/575	$906	33
1.5	3600	143T	575V	60NFS-3-1.5-36/575	$824	33
	1800	145T	575V	60NFS-3-1.5-18/575	$865	33
	1200	182T	575V	60NFS-3-1.5-12/575	$986	33
2	3600	145T	575V	60NFS-3-2-36/575	$866	33
	1800	145T	575V	60NFS-3-2-18/575	$919	33
	1200	184T	575V	60NFS-3-2-12/575	$1,022	33
3	3600	182T	575V	60NFS-3-3-36/575	$947	33
	1800	182T	575V	60NFS-3-3-18/575	$932	33
	1200	213T	575V	60NFS-3-3-12/575	$1,290	32
5	3600	184T	575V	60NFS-3-5-36/575	$1,088	33
	1800	184T	575V	60NFS-3-5-18/575	$1,070	33
	1200	215T	575V	60NFS-3-5-12/575	$1,726	32
7.5	3600	213T	575V	60NFS-3-7.5-36/575	$1,466	32
	1800	213T	575V	60NFS-3-7.5-18/575	$1,463	32
	1200	254T	575V	60NFS-3-7.5-12/575	$2,212	32
10	3600	215T	575V	60NFS-3-10-36/575	$1,670	32
	1800	215T	575V	60NFS-3-10-18/575	$1,662	32
	1200	256T	575V	60NFS-3-10-12/575	$2,643	32
15	3600	254T	575V	60NFS-3-15-36/575	$2,118	32
	1800	254T	575V	60NFS-3-15-18/575	$2,105	32
	1200	284T	575V	60NFS-3-15-12/575	$3,477	32
20	3600	256T	575V	60NFS-3-20-36/575	$2,502	32
	1800	256T	575V	60NFS-3-20-18/575	$2,460	32
	1200	286T	575V	60NFS-3-20-12/575	$4,217	32
25	3600	284TS	575V	60NFS-3-25-36/575	$2,969	32
	1800	284T	575V	60NFS-3-25-18/575	$2,933	32
	1200	324T	575V	60NFS-3-25-12/575	$5,767	32
30	3600	286TS	575V	60NFS-3-30-36/575	$3,568	32
	1800	286T	575V	60NFS-3-30-18/575	$3,549	32
	1200	326T	575V	60NFS-3-30-12/575	$5,848	32
40	3600	324TS	575V	60NFS-3-40-36/575	$5,832	32
	1800	324T	575V	60NFS-3-40-18/575	$5,769	32
	1200	364T	575V	60NFS-3-40-12/575	$7,570	32
50	3600	326TS	575V	60NFS-3-50-36/575	$6,201	32
	1800	326T	575V	60NFS-3-50-18/575	$6,162	32
	1200	365T	575V	60NFS-3-50-12/575	$8,856	32
60	3600	364TS	575V	60NFS-3-60-36/575	$8,009	32
	1800	364T	575V	60NFS-3-60-18/575	$7,598	32
	1200	404T	575V	60NFS-3-60-12/575	$10,765	32
75	3600	365TS	575V	60NFS-3-75-36/575	$9,489	32
	1800	365T	575V	60NFS-3-75-18/575	$9,371	32
	1200	405T	575V	60NFS-3-75-12/575	$12,207	32
100	3600	405TS	575V	60NFS-3-100-36/575	$12,050	32
	1800	405T	575V	60NFS-3-100-18/575	$11,956	32
	1200	444T	575V	60NFS-3-100-12/575	$15,426	32

HP	RPM	Frame	Volt	C-Face Part Number	Motor List Price	Notes (a)
1	1800	143TC	575V	60NCS-3-1-18/575	$884	33
	1200	145TC	575V	60NCS-3-1-12/575	$981	33
1.5	3600	143TC	575V	60NCS-3-1.5-36/575	$891	33
	1800	145TC	575V	60NCS-3-1.5-18/575	$936	33
	1200	182TC	575V	60NCS-3-1.5-12/575	$1,068	33
2	3600	145TC	575V	60NCS-3-2-36/575	$937	33
	1800	145TC	575V	60NCS-3-2-18/575	$995	33
	1200	184TC	575V	60NCS-3-2-12/575	$1,107	33
3	3600	182TC	575V	60NCS-3-3-36/575	$1,026	33
	1800	182TC	575V	60NCS-3-3-18/575	$1,009	33
	1200	213TC	575V	60NCS-3-3-12/575	$1,399	32
5	3600	184TC	575V	60NCS-3-5-36/575	$1,179	33
	1800	184TC	575V	60NCS-3-5-18/575	$1,160	33
	1200	215TC	575V	60NCS-3-5-12/575	$1,875	32
7.5	3600	213TC	575V	60NCS-3-7.5-36/575	$1,591	32
	1800	213TC	575V	60NCS-3-7.5-18/575	$1,588	32
	1200	254TC	575V	60NCS-3-7.5-12/575	$2,404	32
10	3600	215TC	575V	60NCS-3-10-36/575	$1,814	32
	1800	215TC	575V	60NCS-3-10-18/575	$1,805	32
	1200	256TC	575V	60NCS-3-10-12/575	$2,874	32
15	3600	254TC	575V	60NCS-3-15-36/575	$2,302	32
	1800	254TC	575V	60NCS-3-15-18/575	$2,288	32
	1200	284TC	575V	60NCS-3-15-12/575	$3,783	32
20	3600	256TC	575V	60NCS-3-20-36/575	$2,720	32
	1800	256TC	575V	60NCS-3-20-18/575	$2,675	32
	1200	286TC	575V	60NCS-3-20-12/575	$4,590	32
25	3600	284TSC	575V	60NCS-3-25-36/575	$3,230	32
	1800	284TC	575V	60NCS-3-25-18/575	$3,190	32
	1200	324TC	575V	60NCS-3-25-12/575	$6,279	32
30	3600	286TSC	575V	60NCS-3-30-36/575	$3,882	32
	1800	286TC	575V	60NCS-3-30-18/575	$3,862	32
	1200	326TC	575V	60NCS-3-30-12/575	$6,368	32
40	3600	324TSC	575V	60NCS-3-40-36/575	$6,350	32
	1800	324TC	575V	60NCS-3-40-18/575	$6,282	32
	1200	364TC	575V	60NCS-3-40-12/575	$8,245	32
50	3600	326TSC	575V	60NCS-3-50-36/575	$6,752	32
	1800	326TC	575V	60NCS-3-50-18/575	$6,710	32
	1200	365TC	575V	60NCS-3-50-12/575	$9,646	32
60	3600	364TSC	575V	60NCS-3-60-36/575	$8,723	32
	1800	364TC	575V	60NCS-3-60-18/575	$8,275	32
	1200	404TC	575V	60NCS-3-60-12/575	$11,727	32
75	3600	365TSC	575V	60NCS-3-75-36/575	$10,336	32
	1800	365TC	575V	60NCS-3-75-18/575	$10,208	32
	1200	405TC	575V	60NCS-3-75-12/575	$13,299	32
100	3600	405TSC	575V	60NCS-3-100-36/575	$13,128	32
	1800	405TC	575V	60NCS-3-100-18/575	$13,025	32
	1200	444TC	575V	60NCS-3-100-12/575	$16,808	32

Premium Efficient Motors Motors can be modified from Footed to C-Face and vice versa.

NOTE 32: Special 12-lead 575V "S" wiring diagram suitable for D-O-L and soft startup only.
NOTE 33: 575V "Y" 9-lead wiring diagram.

575V IEC Frame Metric Motors – 4-150 HP

3PH TEFC 60 Hz AC B3 Foot Mounted, B35 D-Flange and B34 C-Face Motors

Features

- Inverter Duty Rated: 5:1CT & 10:1VT at 460V 60 Hz
- Service Factor: up to 1.2
- Design: "N" or "H"
- Protection Degree: IP55
- Enclosure: TEFC
- High lock rotor torque
- VPI process applied for best electrical performance
- Electromagnetic compatibility standards: EN 50081-1(2) and EN 50082-1(2)
- Oversized ball bearings on both ends for direct coupling
- Class "F" insulation
- Junction box equipped with glands
- F3 mounting position
- Drilled and tapped end shaft
- Drain plugs
- Bidirectional fan
- All motors provided with CE mark
- Warranty: 3-Years

HP	kW	RPM	Frame	Volt	Footed B3 Part Number	Motor List Price	Notes (a)
4	3	1200	132S	575V	20MFM-3-4-12/575	$1,560	32
5.5	4	1200	132M	575V	20MFM-3-5.5-12/575	$1,461	32
7.5	5.5	3600	132S	575V	20MFM-3-7.5-36/575	$1,183	32
		1800	132S	575V	20MFM-3-7.5-18/575	$1,331	32
		1200	132M	575V	20MFM-3-7.5-12/575	$2,557	32
10	7.5	3600	132S	575V	20MFM-3-10-36/575	$1,325	32
		1800	132M	575V	20MFM-3-10-18/575	$1,513	32
		1200	160M	575V	20MFM-3-10-12/575	$2,187	32
15	11	3600	160M	575V	20MFM-3-15-36/575	$1,805	32
		1800	160M	575V	20MFM-3-15-18/575	$1,849	32
		1200	160L	575V	20MFM-3-15-12/575	$2,922	32
20	15	3600	160M	575V	20MFM-3-20-36/575	$2,118	32
		1800	160L	575V	20MFM-3-20-18/575	$2,198	32
		1200	180L	575V	20MFM-3-20-12/575	$3,494	32
25	18.5	3600	160L	575V	20MFM-3-25-36/575	$2,533	32
		1800	180M	575V	20MFM-3-25-18/575	$2,656	32
		1200	200L	575V	20MFM-3-25-12/575	$5,571	32
30	22	3600	180M	575V	20MFM-3-30-36/575	$3,034	32
		1800	180L	575V	20MFM-3-30-18/575	$3,282	32
		1200	200L	575V	20MFM-3-30-12/575	$5,857	32
40	30	3600	200L	575V	20MFM-3-40-36/575	$6,908	32
		1800	200L	575V	20MFM-3-40-18/575	$5,699	32
		1200	225M	575V	20MFM-3-40-12/575	$7,540	32
50	37	3600	200L	575V	20MFM-3-50-36/575	$7,594	32
		1800	225S	575V	20MFM-3-50-18/575	$7,273	32
		1200	250M	575V	20MFM-3-50-12/575	$9,415	32
60	45	3600	225M	575V	20MFM-3-60-36/575	$8,364	32
		1800	225M	575V	20MFM-3-60-18/575	$8,236	32
		1200	280S	575V	20MFM-3-60-12/575	$13,604	32
75	55	3600	250M	575V	20MFM-3-75-36/575	$10,816	32
		1800	250M	575V	20MFM-3-75-18/575	$9,178	32
		1200	280M	575V	20MFM-3-75-12/575	$11,897	32
100	75	3600	280S	575V	20MFM-3-100-36/575	$12,074	32
		1800	280S	575V	20MFM-3-100-18/575	$12,035	32
		1200	315S	575V	20MFM-3-100-12/575	$18,681	32
125	90	3600	280M	575V	20MFM-3-125-36/575	$14,683	32
		1800	280M	575V	20MFM-3-125-18/575	$12,982	32
		1200	315M	575V	20MFM-3-125-12/575	$20,759	32
150	110	1800	315S	575V	20MFM-3-150-18/575	$18,410	32

HP	kW	RPM	Frame	Volt	D-Flange B35 Part Number	Motor List Price	Notes (a)
4	3	1200	132S	575V	20MDM-3-4-12/575	$1,690	32
5.5	4	1200	132M	575V	20MDM-3-5.5-12/575	$1,555	32
7.5	5.5	3600	132S	575V	20MDM-3-7.5-36/575	$1,259	32
		1800	132S	575V	20MDM-3-7.5-18/575	$1,441	32
		1200	132M	575V	20MDM-3-7.5-12/575	$2,777	32
10	7.5	3600	132S	575V	20MDM-3-10-36/575	$1,410	32
		1800	132M	575V	20MDM-3-10-18/575	$1,611	32
		1200	160M	575V	20MDM-3-10-12/575	$2,332	32
15	11	3600	160M	575V	20MDM-3-15-36/575	$1,923	32
		1800	160M	575V	20MDM-3-15-18/575	$1,971	32
		1200	160L	575V	20MDM-3-15-12/575	$3,119	32
20	15	3600	160M	575V	20MDM-3-20-36/575	$2,258	32
		1800	160L	575V	20MDM-3-20-18/575	$2,344	32
		1200	180L	575V	20MDM-3-20-12/575	$3,731	32
25	18.5	3600	160L	575V	20MDM-3-25-36/575	$2,703	32
		1800	180M	575V	20MDM-3-25-18/575	$2,834	32
		1200	200L	575V	20MDM-3-25-12/575	$6,063	32
30	22	3600	180M	575V	20MDM-3-30-36/575	$3,239	32
		1800	180L	575V	20MDM-3-30-18/575	$3,505	32
		1200	200L	575V	20MDM-3-30-12/575	$6,375	32
40	30	3600	200L	575V	20MDM-3-40-36/575	$7,384	32
		1800	200L	575V	20MDM-3-40-18/575	$6,203	32
		1200	225M	575V	20MDM-3-40-12/575	$8,209	32
50	37	3600	200L	575V	20MDM-3-50-36/575	$8,118	32
		1800	225S	575V	20MDM-3-50-18/575	$7,918	32
		1200	250M	575V	20MDM-3-50-12/575	$10,253	32
60	45	3600	225M	575V	20MDM-3-60-36/575	$8,942	32
		1800	225M	575V	20MDM-3-60-18/575	$8,967	32
		1200	280S	575V	20MDM-3-60-12/575	$14,819	32
75	55	3600	250M	575V	20MDM-3-75-36/575	$11,566	32
		1800	250M	575V	20MDM-3-75-18/575	$9,994	32
		1200	280M	575V	20MDM-3-75-12/575	$12,958	32
100	75	3600	280S	575V	20MDM-3-100-36/575	$12,912	32
		1800	280S	575V	20MDM-3-100-18/575	$13,108	32
		1200	315S	575V	20MDM-3-100-12/575	$20,353	32
125	90	3600	280M	575V	20MDM-3-125-36/575	$15,703	32
		1800	280M	575V	20MDM-3-125-18/575	$14,141	32
		1200	315M	575V	20MDM-3-125-12/575	$22,617	32
150	110	1800	315S	575V	20MDM-3-150-18/575	$20,057	32

HP	kW	RPM	Frame	Volt	C-Face B34 Part Number	Motor List Price	Notes (a)
4	3	1200	132S	575V	20MCM-3-4-12/575	$1,690	32
5.5	4	1200	132M	575V	20MCM-3-5.5-12/575	$1,555	32
7.5	5.5	3600	132S	575V	20MCM-3-7.5-36/575	$1,259	32
		1800	132S	575V	20MCM-3-7.5-18/575	$1,441	32
		1200	132M	575V	20MCM-3-7.5-12/575	$2,777	32
10	7.5	3600	132S	575V	20MCM-3-10-36/575	$1,410	32
		1800	132M	575V	20MCM-3-10-18/575	$1,611	32
		1200	160M	575V	20MCM-3-10-12/575	$2,332	32
15	11	3600	160M	575V	20MCM-3-15-36/575	$1,923	32
		1800	160M	575V	20MCM-3-15-18/575	$1,971	32
		1200	160L	575V	20MCM-3-15-12/575	$3,119	32
20	15	3600	160M	575V	20MCM-3-20-36/575	$2,258	32
		1800	160L	575V	20MCM-3-20-18/575	$2,344	32

Premium Efficient Motors Motors can be modified from Footed to D or C-Flange and vice versa.

NOTE 32: Special 12-lead 575V "S" wiring diagram suitable for D-O-L and soft startup only.

575V JM & JP Close Coupled Pump – 1-60 HP

3PH TEFC 60 Hz NEMA AC C-Face Footed Motors

Features

- Inverter Duty Rated: 20:1VT
- Service Factor: up to 1.4
- Design: "B" or "A"
- Protection Degree: IP55
- Enclosure: TEFC
- VPI process applied for best electrical performance
- High lock rotor torque
- Oversized bearings on both ends
- Mechanically locked on shaft
- Class "F" insulation with Class "B" rise
- Rigid cast iron frame
- Steel fan guard
- F1 mounting position
- Drain plugs
- Designed for horizontal and vertical application
- CSA-US certified, DOE approved and CE marked
- 20J Series motors are NEMA Premium® marked
- Warranty: 3-Years

HP	RPM	Frame	Volt	JM Part Number	Motor List Price	Notes (a)
1	1800	143JM	575V	20JM-3-1-18/575	$701	33
1.5	3600	143JM	575V	20JM-3-1.5-36/575	$710	33
	1800	145JM	575V	20JM-3-1.5-18/575	$714	33
2	3600	145JM	575V	20JM-3-2-36/575	$757	33
	1800	145JM	575V	20JM-3-2-18/575	$819	33
3	3600	182JM	575V	20JM-3-3-36/575	$916	33
	1800	182JM	575V	20JM-3-3-18/575	$927	33
5	3600	184JM	575V	20JM-3-5-36/575	$1,107	33
	1800	184JM	575V	20JM-3-5-18/575	$1,086	33
7.5	3600	213JM	575V	20JM-3-7.5-36/575	$1,290	32
	1800	213JM	575V	20JM-3-7.5-18/575	$1,400	32
10	3600	215JM	575V	20JM-3-10-36/575	$1,482	32
	1800	215JM	575V	20JM-3-10-18/575	$1,630	32
15	3600	254JM	575V	20JM-3-15-36/575	$1,977	32
	1800	254JM	575V	20JM-3-15-18/575	$2,028	32
20	3600	256JM	575V	20JM-3-20-36/575	$2,407	32
	1800	256JM	575V	20JM-3-20-18/575	$2,423	32
25	3600	284JM	575V	20JM-3-25-36/575	$2,957	32
	1800	284JM	575V	20JM-3-25-18/575	$2,925	32
30	3600	286JM	575V	20JM-3-30-36/575	$3,476	32
	1800	286JM	575V	20JM-3-30-18/575	$3,684	32
40	3600	324JM	575V	20JM-3-40-36/575	$6,309	32
	1800	324JM	575V	20JM-3-40-18/575	$6,814	32
50	3600	326JM	575V	20JM-3-50-36/575	$6,631	32
	1800	326JM	575V	20JM-3-50-18/575	$7,297	32
60	3600	364JM	575V	20JM-3-60-36/575	$8,577	32
	1800	364JM	575V	20JM-3-60-18/575	$8,621	32

HP	RPM	Frame	Volt	JP Part Number	Motor List Price	Notes (a)
1	1800	143JP	575V	20JP-3-1-18/575	$719	33
1.5	3600	143JP	575V	20JP-3-1.5-36/575	$728	33
	1800	145JP	575V	20JP-3-1.5-18/575	$776	33
2	3600	145JP	575V	20JP-3-2-36/575	$777	33
	1800	145JP	575V	20JP-3-2-18/575	$840	33
3	3600	182JP	575V	20JP-3-3-36/575	$941	33
	1800	182JP	575V	20JP-3-3-18/575	$952	33
5	3600	184JP	575V	20JP-3-5-36/575	$1,137	33
	1800	184JP	575V	20JP-3-5-18/575	$1,116	33
7.5	3600	213JP	575V	20JP-3-7.5-36/575	$1,325	32
	1800	213JP	575V	20JP-3-7.5-18/575	$1,439	32
10	3600	215JP	575V	20JP-3-10-36/575	$1,523	32
	1800	215JP	575V	20JP-3-10-18/575	$1,675	32
15	3600	254JP	575V	20JP-3-15-36/575	$2,033	32
	1800	254JP	575V	20JP-3-15-18/575	$2,086	32
20	3600	256JP	575V	20JP-3-20-36/575	$2,476	32
	1800	256JP	575V	20JP-3-20-18/575	$2,492	32
25	3600	284JP	575V	20JP-3-25-36/575	$3,042	32
	1800	284JP	575V	20JP-3-25-18/575	$3,009	32
30	3600	286JP	575V	20JP-3-30-36/575	$3,577	32
	1800	286JP	575V	20JP-3-30-18/575	$3,792	32
40	3600	324JP	575V	20JP-3-40-36/575	$6,308	32
	1800	324JP	575V	20JP-3-40-18/575	$6,814	32
50	3600	326JP	575V	20JP-3-50-36/575	$6,633	32
	1800	326JP	575V	20JP-3-50-18/575	$7,299	32
60	3600	364JP	575V	20JP-3-60-36/575	$8,576	32
	1800	364JP	575V	20JP-3-60-18/575	$8,621	32

Premium Efficient Motors

NOTE 32: Special 12-lead 575V "S" wiring diagram suitable for D-O-L and soft startup only.
NOTE 33: 575V "Y" 9-lead wiring diagram.

575V Brake Motor – 1-30 HP

3PH TEFC 60 Hz NEMA AC Foot Mounted and C-Face Motors

Features

- Inverter Duty Rated: 10:1CT & 20:1VT
- Service Factor: up to 1.4
- Design: "B" or "A"
- Protection Degree: IP55
- Enclosure: TEFC
- High locked rotor and brake torque
- VPI process applied for best electrical performance
- DC Disc brake with 460V AC rectifier, 230V AC rectifier available upon request
- Class "F" insulation with rise below Class "B"
- Manual release
- Oversized double-shielded bearings
- Rigid cast iron frame
- F1 / F2 convertible
- Drain plugs
- CSA-US, DOE approved and CE marked
- NEMA Premium® marked
- Warranty: 3-Years

HP	RPM	Frame	Volt	Footed Part Number	Motor List Price	Notes (a)
1	1800	143T	575V	20NFB-3-1-18/575	$1,605	33,34
	1200	145T	575V	20NFB-3-1-12/575	$1,649	33,34
1.5	3600	143T	575V	20NFB-3-1.5-36/575	$1,562	33,34
	1800	145T	575V	20NFB-3-1.5-18/575	$1,652	33,34
	1200	182T	575V	20NFB-3-1.5-12/575	$2,178	33,34
2	3600	145T	575V	20NFB-3-2-36/575	$1,621	33,34
	1800	145T	575V	20NFB-3-2-18/575	$1,691	33,34
	1200	184T	575V	20NFB-3-2-12/575	$2,331	33,34
3	3600	182T	575V	20NFB-3-3-36/575	$2,121	33,34
	1800	182T	575V	20NFB-3-3-18/575	$2,268	33,34
	1200	213T	575V	20NFB-3-3-12/575	$2,711	32,34
5	3600	184T	575V	20NFB-3-5-36/575	$2,382	33,34
	1800	184T	575V	20NFB-3-5-18/575	$2,457	33,34
	1200	215T	575V	20NFB-3-5-12/575	$3,065	32,34
7.5	3600	213T	575V	20NFB-3-7.5-36/575	$2,836	32,34
	1800	213T	575V	20NFB-3-7.5-18/575	$3,057	32,34
	1200	254T	575V	20NFB-3-7.5-12/575	$4,140	32,34
10	3600	215T	575V	20NFB-3-10-36/575	$3,082	32,34
	1800	215T	575V	20NFB-3-10-18/575	$3,104	32,34
	1200	256T	575V	20NFB-3-10-12/575	$4,221	32,34
15	3600	254T	575V	20NFB-3-15-36/575	$4,145	32,34
	1800	254T	575V	20NFB-3-15-18/575	$4,421	32,34
	1200	284T	575V	20NFB-3-15-12/575	$5,543	32,34
20	3600	256T	575V	20NFB-3-20-36/575	$4,499	32,34
	1800	256T	575V	20NFB-3-20-18/575	$4,925	32,34
	1200	286T	575V	20NFB-3-20-12/575	$6,325	32,34
25	3600	284TS	575V	20NFB-3-25-36/575	$5,069	32,34
	1800	284T	575V	20NFB-3-25-18/575	$5,845	32,34
30	3600	286TS	575V	20NFB-3-30-36/575	$5,566	32,34
	1800	286T	575V	20NFB-3-30-18/575	$6,078	32,34

HP	RPM	Frame	Volt	C-Face Part Number	Motor List Price	Notes (a)
1	1800	143TC	575V	20NCB-3-1-18/575	$1,740	33,34
	1200	145TC	575V	20NCB-3-1-12/575	$1,787	33,34
1.5	3600	143TC	575V	20NCB-3-1.5-36/575	$1,693	33,34
	1800	145TC	575V	20NCB-3-1.5-18/575	$1,791	33,34
	1200	182TC	575V	20NCB-3-1.5-12/575	$2,365	33,34
2	3600	145TC	575V	20NCB-3-2-36/575	$1,757	33,34
	1800	145TC	575V	20NCB-3-2-18/575	$1,834	33,34
	1200	184TC	575V	20NCB-3-2-12/575	$2,531	33,34
3	3600	182TC	575V	20NCB-3-3-36/575	$2,302	33,34
	1800	182TC	575V	20NCB-3-3-18/575	$2,462	33,34
	1200	213TC	575V	20NCB-3-3-12/575	$2,945	32,34
5	3600	184TC	575V	20NCB-3-5-36/575	$2,587	33,34
	1800	184TC	575V	20NCB-3-5-18/575	$2,669	33,34
	1200	215TC	575V	20NCB-3-5-12/575	$3,331	32,34
7.5	3600	213TC	575V	20NCB-3-7.5-36/575	$3,081	32,34
	1800	213TC	575V	20NCB-3-7.5-18/575	$3,323	32,34
	1200	254TC	575V	20NCB-3-7.5-12/575	$4,503	32,34
10	3600	215TC	575V	20NCB-3-10-36/575	$3,350	32,34
	1800	215TC	575V	20NCB-3-10-18/575	$3,374	32,34
	1200	256TC	575V	20NCB-3-10-12/575	$4,592	32,34
15	3600	254TC	575V	20NCB-3-15-36/575	$4,508	32,34
	1800	254TC	575V	20NCB-3-15-18/575	$4,810	32,34
	1200	284TC	575V	20NCB-3-15-12/575	$6,032	32,34
20	3600	256TC	575V	20NCB-3-20-36/575	$4,894	32,34
	1800	256TC	575V	20NCB-3-20-18/575	$5,359	32,34
	1200	286TC	575V	20NCB-3-20-12/575	$6,885	32,34
25	3600	284TSC	575V	20NCB-3-25-36/575	$5,516	32,34
	1800	284TC	575V	20NCB-3-25-18/575	$6,361	32,34
30	3600	286TSC	575V	20NCB-3-30-36/575	$6,058	32,34
	1800	286TC	575V	20NCB-3-30-18/575	$6,615	32,34

Premium Efficient Motors Motors can be modified from Footed to C-Face and vice versa.

NOTE 32: Special 12-lead 575V "S" wiring diagram suitable for D-O-L and soft startup only.
NOTE 33: 575V "Y" 9-lead wiring diagram.
NOTE 34: Rectifier is exclusively 460V AC (or 230V AC on request).

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