

# Three Phase Modifiable NEMA<sup>®†</sup> Horizontal Motors Totally Enclosed Fan Cooled (TEFC)



DI,RI

**Inverter Duty, Premium Efficient**  
**Variable Torque 20:1 (3-60 Hz) Speed Range**  
**Constant Torque 5:1 (12-60 Hz) Speed Range**

- \* Inverter Grade<sup>®</sup> Insulation System (Meets NEMA<sup>®†</sup> MG-1 Part 31)
- \* Class F Insulation
- \* 1.15 Service Factor On Sine Wave / 1.0 Service Factor On PWM
- \* 56-320: Rolled Steel Frame, 360-440: Cast Iron Frame
- \* 56-250: Aluminum Endshields, 280-440: Cast Iron Endshields
- \* Lifting Provisions On 180 Frame And Up
- \* Insulife 2000 Insulation Treatment

- \* Class F Thermostats (One Per Phase)
- \* Special Balance
- \* Regreasable Bearings 210 Frame And Up
- \* Insulated Shaft ODE 400 Frame & Up
- \* Close Coupled Pump (CCP) Available With Adder
- \* Shaft Grounding Ring

HP	RPM @ 60 Hertz											
	3600		1800		1200		900		720		600	
	Frame	List	Frame	List	Frame	List	Frame	List	Frame	List	Frame	List
0.25	143	\$557	143	\$525	143	\$702	143	\$809	—	—	—	—
0.33	143	\$557	143	\$525	143	\$702	143	\$809	—	—	—	—
0.5	143	\$557	143	\$525	143	\$702	143	\$809	—	—	—	—
0.75	143	\$557	143	\$525	143	\$702	145	\$809	—	—	—	—
1	143	\$557	143	\$525	145	\$702	182	\$809	184	\$1,092	215	\$1,420
1.5	143	\$557	145	\$550	182	\$708	184	\$982	215	\$1,326	254	\$1,724
2	145	\$608	145	\$604	184	\$793	213	\$1,320	215	\$1,782	256	\$2,317
3	145	\$624	182	\$642	213	\$1,009	215	\$1,693	254	\$2,285	284	\$2,971
5	182	\$667	184	\$691	215	\$1,324	254	\$2,171	256	\$2,930	286	\$3,810
7.5	184	\$1,038	213	\$1,011	254	\$1,679	256	\$2,761	286	\$3,728	324	\$4,846
10	213	\$1,214	215	\$1,231	256	\$2,184	284	\$3,275	324	\$4,422	326	\$5,748
15	215	\$1,669	254	\$1,683	284	\$2,788	286	\$4,304	326	\$5,811	364	\$7,554
20	254	\$2,019	256	\$2,158	286	\$3,398	324	\$5,093	364	\$6,876	365	\$8,939
25	256	\$2,640	284	\$2,613	324	\$3,732	326	\$6,033	365	\$8,145	404	\$10,588
30	284	\$3,033	286	\$3,023	326	\$4,173	364	\$6,687	404	\$9,028	405	\$11,736
40	286	\$3,315	324	\$3,322	364	\$6,654	365	\$8,284	405	\$11,183	444	\$14,538
50	324	\$3,729	326	\$3,894	365	\$7,492	404	\$9,869	444	\$13,323	445	\$17,320
60	326	\$5,005	364	\$5,216	404	\$8,631	405	\$11,443	445	\$15,448	445	\$20,083
75	364	\$6,592	365	\$6,176	405	\$9,715	444	\$13,765	445	\$18,582	447	\$24,157
100	365	\$7,280	404	\$7,360	444	\$11,507	445	\$19,411	447	\$26,205	449	\$34,067
125	404	\$9,490	405	\$9,530	445	\$12,096	445	\$20,156	449	\$27,210	—	—
150	405	\$11,710	444	\$12,460	445	\$16,294	447	\$22,741	—	—	—	—
200	444	\$15,170	445	\$15,572	447	\$21,417	449	\$24,286	—	—	—	—
250	445	\$19,994	447	\$17,605	449	\$26,595	449	\$32,849	—	—	—	—
300	447	\$27,592	447	\$23,063	449	\$32,446	—	—	—	—	—	—
350	447	\$31,455	449	\$31,134	—	—	—	—	—	—	—	—
400	449	\$36,802	449	\$36,427	—	—	—	—	—	—	—	—

\* 60Hz 3600, 1800, 1200 & 900 RPM Motors Comply With U.S. D.O.E.'s Efficiency Regulation 10 CFR Section 431 Subpart B – Electric Motors (See Appendix A2 & A3 For Nominal Efficiency Table)

**DISCOUNT SYMBOL: DS-VFOM**

† All marks shown within this document are properties of their respective owners.

