

Three Phase Modifiable NEMA^{®†} Horizontal Motors Totally Enclosed Fan Cooled (TEFC)



CE6

World Motor - 661 PLUS[®] Premium Efficient - IE3 Meets IEEE 841[™] Standard-2009

- * Class F Insulation, Class B Rise At Full Load On
60 Hertz Sine Wave Power
- * Inverter Grade[®] Insulation System (Meets NEMA^{®†} MG-1 Part 31)
- * IP56 Ingress Protection
- * 1.15 Service Factor, Precision Balance (.05 ips)
- * All Cast Iron Construction
- * Corrosion Resistant Mill And Chemical Duty Paint
- * Stainless Steel Nameplate And Zinc Plated Hardware
- * VBXX^{®†} Bearing Isolators By Inpro/Seal^{®†} On Both Ends
- * Insulife 2000 Insulation Treatment
- * Stainless Breather Drains And Lead Positioning Gasket
- * Ground Lug In Conduit Box And Ground Bolt On Frame
- * Lifting Provisions And Regreasable Bearings
- * RTV Sealant On Bolt Holes And Register Fits
- * Drive End Roller Bearing On 210 Frame And Up
- * Self-Certified Division 2
- * Class 1, Group A/B/C/D, T3 T-Code
- * Cast Iron Bearing Caps
- * Inverter Duty Winding

HP	RPM @ 60 Hertz											
	3600		1800		1200		900		720		600	
	Frame	List	Frame	List	Frame	List	Frame	List	Frame	List	Frame	List
5	—	—	184	\$1,152	215	\$2,230	254	\$2,815	—	—	—	—
7.5	—	—	213	\$1,551	254	\$2,348	256	\$3,443	—	—	—	—
10	—	—	215	\$1,862	256	\$2,785	284	\$3,976	—	—	—	—
15	—	—	254	\$2,267	284	\$3,622	286	\$4,882	—	—	—	—
20	—	—	256	\$2,734	286	\$4,211	324	\$5,705	—	—	—	—
25	—	—	284	\$3,072	324	\$4,999	326	\$7,071	—	—	—	—
30	—	—	286	\$3,595	326	\$5,530	364	\$7,884	—	—	—	—
40	—	—	324	\$4,426	364	\$6,782	365	\$9,708	—	—	—	—
50	—	—	326	\$5,398	365	\$8,373	404	\$12,037	—	—	—	—
60	—	—	364	\$7,315	404	\$9,867	405	\$13,124	—	—	—	—
75	—	—	365	\$8,936	405	\$11,659	444	\$16,010	—	—	—	—
100	—	—	405	\$11,690	444	\$14,792	445	\$19,647	—	—	—	—
125	—	—	444	\$14,445	445	\$18,230	447	\$24,480	—	—	—	—
150	—	—	445	\$17,198	447	\$20,860	—	—	—	—	—	—
200	—	—	447	\$22,210	—	—	—	—	—	—	—	—

* 50 Hertz 841 PLUS[®] Motors Require Special Tagging. Make Adder For Special I.D. Nameplate.
 * Designed To Meet The GM7E-TA Specification.
 * 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-841MW

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



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- * Class F Insulation, Class B Rise At Full Load On 60 Hertz Sine Wave Power
- * 1.15 Service Factor
- * All Cast Iron Construction (140: Steel Mounting Base)
- * Corrosion Resistant Mill And Chemical Duty Paint
- * Stainless Steel Nameplate And Zinc Plated Hardware
- * VBXX^{®†} Bearing Isolators By Inpro/Seal^{®†} On Both Ends For IP55 Protection

- * Insulife-2000 Insulation Treatment
- * Stainless Steel Drains/Breathers And Lead Positioning Gasket
- * Ground Lug In Conduit Box And Ground Bolt On Frame
- * Lifting Provisions And Regreasable Bearings On 180 Frame And Up
- * RTV Sealant On Bolt Holes And Register Fits
- * Drive End Roller Bearing On 210 Frame And Up
- * Self-Certified Division 2 Available With Adder

HP	RPM @ 60 Hertz											
	3600		1800		1200		900		720		600	
	Frame	List	Frame	List	Frame	List	Frame	List	Frame	List	Frame	List
5	—	—	184	\$1,203	215	\$2,506	254	\$3,665	—	—	—	—
7.5	—	—	213	\$1,837	254	\$3,038	256	\$4,482	—	—	—	—
10	—	—	215	\$2,124	256	\$3,567	284	\$5,316	—	—	—	—
15	—	—	254	\$2,707	284	\$4,714	286	\$6,762	—	—	—	—
20	—	—	256	\$3,346	286	\$5,798	324	\$8,286	—	—	—	—
25	—	—	284	\$3,688	324	\$6,376	326	\$8,959	—	—	—	—
30	—	—	286	\$4,137	326	\$7,264	364	\$10,034	—	—	—	—
40	—	—	324	\$5,441	364	\$9,836	365	\$12,595	—	—	—	—
50	—	—	326	\$6,563	365	\$11,248	404	\$16,146	—	—	—	—
60	—	—	364	\$9,164	404	\$12,998	405	\$18,092	—	—	—	—
75	—	—	365	\$11,289	405	\$14,919	444	\$20,562	—	—	—	—
100	—	—	405	\$14,087	444	\$21,057	445	\$28,548	—	—	—	—
125	—	—	444	\$18,026	445	\$24,004	447	\$31,267	—	—	—	—
150	—	—	445	\$21,384	447	\$27,889	—	—	—	—	—	—
200	—	—	447	\$26,334	—	—	—	—	—	—	—	—

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 * 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)

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