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

CE

World Motor - 841 PLUS® Premium Efficient - IE3
Meets IEEE Std 841™-2021

* 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)
* IP55 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
* 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
1	143	$739	143	$663	145	$846	182	$1,159	213	$1,696	215	$1,815
1.5	143	$697	145	$709	182	$935	184	$1,415	213	$1,706	254	$2,144
2	145	$768	145	$779	184	$1,098	213	$1,443	215	$2,320	256	$2,400
3	182	$854	182	$815	213	$1,453	215	$2,011	254	$2,624	284	$3,215
5	184	$1,013	184	$929	215	$1,874	254	$2,508	256	$3,319	286	$4,219
7.5	213	$1,263	213	$1,213	254	$2,039	256	$3,131	284	$4,062	324	$5,430
10	215	$1,473	215	$1,511	256	$2,470	284	$3,646	324	$5,062	326	$6,580
15	254	$1,984	254	$1,932	284	$3,283	286	$4,564	326	$5,978	364	$7,772
20	256	$2,459	256	$2,405	286	$3,891	324	$5,352	364	$7,225	365	$9,393
25	284	$2,796	284	$2,705	324	$4,597	326	$6,666	365	$8,999	405	$11,698
30	286	$3,355	286	$3,212	326	$5,139	364	$7,452	405	$10,060	405	$13,077
40	324	$4,815	324	$4,009	364	$6,403	365	$9,284	405	$12,534	445	$16,294
50	326	$5,540	326	$4,976	365	$7,964	404	$11,548	445	$15,590	445	$20,266
60	364	$7,123	364	$6,876	404	$9,369	405	$12,648	445	$17,075	447	$22,198
75	365	$9,172	365	$8,501	405	$11,146	444	$15,047	447	$20,314	—	—
100	405	$12,296	405	$11,146	444	$13,923	445	$18,796	—	—	—	—
125	444	$14,325	444	$13,454	445	$17,291	447	$23,343	—	—	—	—
150	445	$18,160	445	$16,203	447	$19,774	—	—	—	—	—	—
200	447	$24,818	447	$20,985	449	$26,128	—	—	—	—	—	—
250	449	$30,379	449	$26,985	—	—	—	—	—	—	—	—
300	—	—	449	$31,176	—	—	—	—	—	—	—	—

* 50 Hertz 841 PLUS® Motors Require Special Tagging. Make Adder For Special I.D. Nameplate.
* 720 & 600 RPM 841 PLUS® Motors will be marked "IEEE STD 841™-2021 FEATURES".
* 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.