

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



CTE

World Motor - Hostile Duty Premium Efficient - IE3

- * Class F Insulation, Class B Rise At Full Load On
60 Hertz Sine Wave Power
- * IP54 Ingress Protection
- * 1.15 Service Factor
- * Cast Iron Frame and End Shields
- * Corrosion Resistant Mill And Chemical Duty Paint
- * Stainless Steel Nameplate And Zinc Plated Hardware
- * Shaft Slinger On Pulley End

- * Lifting Provisions
- * Regreasable Bearings On 250 Frame And Up
- * Self-Certified Division 2
- * Class 1, Group A/B/C/D, T3 T-Code
- * Non-Vent (TENV) Available With Adder
- * Air-Over (TEAO) Available With Deduct
- * Multi-Speed Available With Adder
- * Inverter Suitable (Reference Page I-4)

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	\$513	143	\$461	143	\$588	145	\$840	—	—	—	—
0.33	143	\$513	143	\$461	143	\$588	145	\$840	—	—	—	—
0.5	143	\$513	143	\$461	143	\$588	145	\$840	—	—	—	—
0.75	143	\$513	143	\$461	143	\$588	145	\$840	—	—	—	—
1	143	\$513	143	\$461	145	\$588	182	\$840	213	\$1,013	215	\$1,316
1.5	143	\$513	145	\$492	182	\$662	184	\$1,025	213	\$1,236	254	\$1,624
2	145	\$533	145	\$541	184	\$755	213	\$1,045	215	\$1,426	256	\$1,818
3	182	\$619	182	\$590	213	\$940	215	\$1,457	254	\$1,949	284	\$2,435
5	184	\$734	184	\$673	215	\$1,213	254	\$1,899	256	\$2,417	286	\$3,497
7.5	213	\$955	213	\$917	254	\$1,629	256	\$2,476	284	\$3,268	324	\$4,176
10	215	\$1,114	215	\$1,142	256	\$1,936	284	\$2,883	324	\$4,087	326	\$5,148
15	254	\$1,568	254	\$1,528	284	\$2,558	286	\$3,773	326	\$4,530	364	\$5,889
20	256	\$1,944	256	\$1,901	286	\$3,144	324	\$4,559	364	\$5,473	365	\$7,115
25	284	\$2,311	284	\$2,236	324	\$4,017	326	\$5,269	365	\$7,114	405	\$9,248
30	286	\$2,772	286	\$2,655	326	\$4,569	364	\$5,891	405	\$7,953	405	\$10,339
40	324	\$3,268	324	\$3,169	364	\$5,062	365	\$7,340	405	\$9,909	445	\$12,882
50	326	\$4,379	326	\$3,934	365	\$6,295	404	\$9,128	445	\$12,322	445	\$16,019
60	364	\$5,631	364	\$5,504	404	\$7,406	405	\$9,998	445	\$13,497	447	\$17,547
75	365	\$7,251	365	\$6,720	405	\$8,811	444	\$11,895	447	\$16,058	449	\$23,162
100	405	\$9,720	405	\$8,811	444	\$11,829	445	\$15,969	449	\$21,197	—	—
125	444	\$12,171	444	\$11,431	445	\$14,691	447	\$19,833	—	—	—	—
150	445	\$15,429	445	\$13,766	447	\$16,800	449	\$26,180	—	—	—	—
200	447	\$21,086	447	\$17,829	449	\$22,199	—	—	—	—	—	—
250	449	\$25,810	449	\$22,927	—	—	—	—	—	—	—	—
300	449	\$30,857	449	\$26,488	—	—	—	—	—	—	—	—
350	—	—	449	\$28,878	—	—	—	—	—	—	—	—

* 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-HDMW

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



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

Cannot Be Used For Motors Covered by IHP Motor Final Rule 2016



FCT

World Motor - Hostile Duty Energy Efficient - IE2

- * Class F Insulation, Class B Rise At Full Load On 60 Hertz Sine Wave Power
- * IP54 Ingress Protection
- * 1.15 Service Factor
- * Cast Iron Frame and End Shields
- * Corrosion Resistant Mill And Chemical Duty Paint
- * Stainless Steel Nameplate And Zinc Plated Hardware
- * Shaft Slinger On Pulley End

- * Lifting Provisions
- * Regreasable Bearings On 250 Frame And Up
- * Self-Certified Division 2
- * Class 1, Group A/B/C/D, T3 T-Code
- * Non-Vent (TENV) Available With Adder
- * Air-Over (TEAO) Available With Deduct
- * Multi-Speed 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
0.25	143	\$462	143	\$415	143	\$529	145	\$756	—	—	—	—
0.33	143	\$462	143	\$415	143	\$529	145	\$756	—	—	—	—
0.5	143	\$462	143	\$415	143	\$529	145	\$756	—	—	—	—
0.75	143	\$462	143	\$415	143	\$529	145	\$756	—	—	—	—
1	143	\$462	143	\$415	145	\$529	182	\$756	—	—	—	—
1.5	143	\$462	145	\$443	182	\$596	184	\$923	—	—	—	—
2	145	\$480	145	\$487	184	\$680	213	\$941	—	—	—	—
3	182	\$557	182	\$531	213	\$846	215	\$1,311	—	—	—	—
5	184	\$661	184	\$606	215	\$1,092	254	\$1,709	—	—	—	—
7.5	213	\$860	213	\$825	254	\$1,466	256	\$2,228	—	—	—	—
10	215	\$1,003	215	\$1,028	256	\$1,742	284	\$2,595	—	—	—	—
15	254	\$1,411	254	\$1,375	284	\$2,302	286	\$3,396	—	—	—	—
20	256	\$1,750	256	\$1,711	286	\$2,830	324	\$4,331	—	—	—	—
25	284	\$2,080	284	\$2,012	324	\$3,816	326	\$5,005	—	—	—	—
30	286	\$2,495	286	\$2,390	326	\$4,341	364	\$5,597	—	—	—	—
40	324	\$3,104	324	\$3,010	364	\$4,809	365	\$6,972	—	—	—	—
50	326	\$4,160	326	\$3,736	365	\$5,980	404	\$8,671	—	—	—	—
60	364	\$5,349	364	\$5,229	404	\$7,035	405	\$9,497	—	—	—	—
75	365	\$6,888	365	\$6,383	405	\$8,370	444	\$11,300	—	—	—	—
100	405	\$9,233	405	\$8,370	444	\$11,237	445	\$15,171	—	—	—	—
125	444	\$11,562	444	\$10,859	445	\$13,956	447	\$18,841	—	—	—	—
150	445	\$14,657	445	\$13,077	447	\$15,960	449	\$24,870	—	—	—	—
200	447	\$20,031	447	\$16,937	449	\$21,089	—	—	—	—	—	—
250	449	\$24,520	449	\$21,780	—	—	—	—	—	—	—	—
300	449	\$29,314	449	\$25,163	—	—	—	—	—	—	—	—
350	—	—	449	\$27,434	—	—	—	—	—	—	—	—

* 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-HDMW

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

Cannot Be Used For Motors Covered by IHP Motor Final Rule 2016



CT

World Motor - Hostile Duty Standard Efficient - IE1

- * Class F Insulation, Class B Rise At Full Load On 60 Hertz Sine Wave Power
- * IP54 Ingress Protection
- * 1.15 Service Factor
- * Cast Iron Frame and End Shields
- * Corrosion Resistant Mill And Chemical Duty Paint
- * Stainless Steel Nameplate And Zinc Plated Hardware
- * Shaft Slinger On Pulley End

- * Lifting Provisions
- * Regreasable Bearings On 250 Frame And Up
- * Self-Certified Division 2
- * Class 1, Group A/B/C/D, T3 T-Code
- * Non-Vent (TENV) Available With Adder
- * Air-Over (TEAO) Available With Deduct
- * Multi-Speed 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
0.25	143	\$410	143	\$369	143	\$470	145	\$672	—	—	—	—
0.33	143	\$410	143	\$369	143	\$470	145	\$672	—	—	—	—
0.5	143	\$410	143	\$369	143	\$470	145	\$672	—	—	—	—
0.75	143	\$410	143	\$369	143	\$470	145	\$672	—	—	—	—
1	143	\$410	143	\$369	145	\$470	182	\$672	213	\$810	215	\$1,053
1.5	143	\$410	145	\$394	182	\$530	184	\$820	213	\$989	254	\$1,299
2	145	\$426	145	\$433	184	\$604	213	\$836	215	\$1,141	256	\$1,454
3	182	\$495	182	\$472	213	\$752	215	\$1,166	254	\$1,559	284	\$1,948
5	184	\$587	184	\$538	215	\$970	254	\$1,519	256	\$1,934	286	\$2,798
7.5	213	\$764	213	\$734	254	\$1,303	256	\$1,981	284	\$2,614	324	\$3,758
10	215	\$891	215	\$914	256	\$1,549	284	\$2,306	324	\$3,678	326	\$4,633
15	254	\$1,254	254	\$1,222	284	\$2,046	286	\$3,018	326	\$4,077	364	\$5,300
20	256	\$1,555	256	\$1,521	286	\$2,515	324	\$4,103	364	\$4,925	365	\$6,404
25	284	\$1,849	284	\$1,789	324	\$3,615	326	\$4,742	365	\$6,401	405	\$8,322
30	286	\$2,218	286	\$2,124	326	\$4,112	364	\$5,302	405	\$7,157	405	\$9,305
40	324	\$2,941	324	\$2,852	364	\$4,555	365	\$6,606	405	\$8,917	445	\$11,593
50	326	\$3,941	326	\$3,540	365	\$5,665	404	\$8,214	445	\$11,090	445	\$14,417
60	364	\$5,067	364	\$4,954	404	\$6,665	405	\$8,998	445	\$12,147	447	\$15,792
75	365	\$6,526	365	\$6,048	405	\$7,929	444	\$10,705	447	\$14,452	449	\$20,845
100	405	\$8,747	405	\$7,929	444	\$10,645	445	\$14,372	449	\$19,077	—	—
125	444	\$10,954	444	\$10,288	445	\$13,222	447	\$17,849	—	—	—	—
150	445	\$13,886	445	\$12,389	447	\$15,120	449	\$23,561	—	—	—	—
200	447	\$18,977	447	\$16,046	449	\$19,979	—	—	—	—	—	—
250	449	\$23,229	449	\$20,634	—	—	—	—	—	—	—	—
300	449	\$27,771	449	\$23,839	—	—	—	—	—	—	—	—
350	—	—	449	\$25,990	—	—	—	—	—	—	—	—

DISCOUNT SYMBOL: DS-HDMW

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