

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



TCE

World Motor - CORRO-DUTY[®] Premium Efficient - IE3

* Class F Insulation, Class B Rise At Full Load On
60 Hertz Sine Wave Power

* IP55 Ingress Protection

* 1.15 Service Factor, Special Balance (0.08 IPS)

* All Cast Iron Construction

* Corrosion Resistant Mill And Chemical Duty Paint

* Stainless Steel Nameplate And Zinc Plated Hardware

* Shaft Slinger and Umbrella Seal On Pulley End

* Insulife-2000 Insulation Treatment, Stainless Breather Drains

* Lead Positioning Gasket And Ground Lug In Conduit Box

* Lifting Provisions And Regreasable Bearings

* Self-Certified Division 2

* Class 1, Group A/B/C/D, T3 T-Code

* Cast Iron Bearing Caps

* Air-Over (TEAO) Available With Deduct

* Non-Vent (TENV) With Adder

* Multi-Speed Available With Adder

* Inverter Suitable (Reference Page iv)

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	\$616	143	\$553	143	\$705	145	\$1,008	—	—	—	—
0.33	143	\$616	143	\$553	143	\$705	145	\$1,008	—	—	—	—
0.5	143	\$616	143	\$553	143	\$705	145	\$1,008	—	—	—	—
0.75	143	\$616	143	\$553	143	\$705	145	\$1,008	—	—	—	—
1	143	\$616	143	\$553	145	\$705	182	\$1,008	213	\$1,475	215	\$1,578
1.5	143	\$581	145	\$591	182	\$813	184	\$1,230	213	\$1,483	254	\$1,949
2	145	\$640	145	\$649	184	\$955	213	\$1,255	215	\$1,693	256	\$2,182
3	182	\$742	182	\$709	213	\$1,264	215	\$1,749	254	\$2,385	284	\$2,922
5	184	\$881	184	\$808	215	\$1,629	254	\$2,280	256	\$3,018	286	\$3,836
7.5	213	\$1,098	213	\$1,055	254	\$1,854	256	\$2,846	284	\$3,693	324	\$4,801
10	215	\$1,281	215	\$1,314	256	\$2,246	284	\$3,315	324	\$4,552	326	\$5,918
15	254	\$1,804	254	\$1,757	284	\$2,984	286	\$4,149	326	\$5,505	364	\$7,158
20	256	\$2,236	256	\$2,186	286	\$3,537	324	\$5,129	364	\$6,771	365	\$8,802
25	284	\$2,542	284	\$2,459	324	\$4,418	326	\$5,795	365	\$8,648	405	\$10,171
30	286	\$3,050	286	\$2,920	326	\$5,025	364	\$6,480	405	\$9,837	405	\$11,372
40	324	\$3,595	324	\$3,486	364	\$5,568	365	\$8,073	405	\$10,899	445	\$14,169
50	326	\$4,817	326	\$4,327	365	\$6,925	404	\$10,041	445	\$13,555	445	\$17,622
60	364	\$6,194	364	\$6,044	404	\$8,147	405	\$10,998	445	\$14,847	447	\$19,302
75	365	\$7,976	365	\$7,392	405	\$9,692	444	\$13,084	447	\$17,663	449	\$25,479
100	405	\$10,692	405	\$9,692	444	\$12,657	445	\$17,086	449	\$23,315	—	—
125	444	\$13,023	444	\$12,231	445	\$15,719	447	\$21,220	—	—	—	—
150	445	\$16,509	445	\$14,730	447	\$17,976	449	\$28,010	—	—	—	—
200	447	\$22,562	447	\$19,077	449	\$23,753	—	—	—	—	—	—
250	449	\$27,617	449	\$24,532	—	—	—	—	—	—	—	—
300	449	\$33,017	449	\$28,342	—	—	—	—	—	—	—	—
350	—	—	449	\$30,899	—	—	—	—	—	—	—	—

* 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-CEMW

† 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



FTC

World Motor - CORRO-DUTY[®] Energy Efficient - IE2

* Class F Insulation, Class B Rise At Full Load On
60 Hertz Sine Wave Power

* IP55 Ingress Protection

* 1.15 Service Factor, Special Balance (0.08 IPS)

* All Cast Iron Construction

* Corrosion Resistant Mill And Chemical Duty Paint

* Stainless Steel Nameplate And Zinc Plated Hardware

* Shaft Slinger and Umbrella Seal On Pulley End

* Insulife-2000 Insulation Treatment, Stainless Breather Drains

* Lead Positioning Gasket And Ground Lug In Conduit Box

* Lifting Provisions And Regreasable Bearings

* Self-Certified Division 2

* Class 1, Group A/B/C/D, T3 T-Code

* Cast Iron Bearing Caps

* Air-Over (TEAO) Available With Deduct

* Non-Vent (TENV) With Adder

* 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	\$554	143	\$498	143	\$635	145	\$907	—	—	—	—
0.33	143	\$554	143	\$498	143	\$635	145	\$907	—	—	—	—
0.5	143	\$554	143	\$498	143	\$635	145	\$907	—	—	—	—
0.75	143	\$554	143	\$498	143	\$635	145	\$907	—	—	—	—
1	143	\$554	143	\$498	145	\$635	182	\$907	—	—	—	—
1.5	143	\$523	145	\$532	182	\$732	184	\$1,107	—	—	—	—
2	145	\$576	145	\$584	184	\$860	213	\$1,130	—	—	—	—
3	182	\$668	182	\$638	213	\$1,138	215	\$1,574	—	—	—	—
5	184	\$793	184	\$727	215	\$1,466	254	\$2,052	—	—	—	—
7.5	213	\$988	213	\$950	254	\$1,669	256	\$2,561	—	—	—	—
10	215	\$1,153	215	\$1,183	256	\$2,021	284	\$2,984	—	—	—	—
15	254	\$1,624	254	\$1,581	284	\$2,686	286	\$3,734	—	—	—	—
20	256	\$2,012	256	\$1,967	286	\$3,183	324	\$4,873	—	—	—	—
25	284	\$2,288	284	\$2,213	324	\$4,197	326	\$5,505	—	—	—	—
30	286	\$2,745	286	\$2,628	326	\$4,774	364	\$6,157	—	—	—	—
40	324	\$3,415	324	\$3,311	364	\$5,290	365	\$7,668	—	—	—	—
50	326	\$4,576	326	\$4,109	365	\$6,578	404	\$9,538	—	—	—	—
60	364	\$5,884	364	\$5,742	404	\$7,739	405	\$10,447	—	—	—	—
75	365	\$7,577	365	\$7,021	405	\$9,207	444	\$12,430	—	—	—	—
100	405	\$10,156	405	\$9,207	444	\$12,024	445	\$16,232	—	—	—	—
125	444	\$12,371	444	\$11,619	445	\$14,933	447	\$20,159	—	—	—	—
150	445	\$15,683	445	\$13,993	447	\$17,077	449	\$26,610	—	—	—	—
200	447	\$21,433	447	\$18,123	449	\$22,565	—	—	—	—	—	—
250	449	\$26,237	449	\$23,305	—	—	—	—	—	—	—	—
300	449	\$31,366	449	\$26,924	—	—	—	—	—	—	—	—
350	—	—	449	\$29,354	—	—	—	—	—	—	—	—

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

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



TC

World Motor - CORRO-DUTY[®] Standard Efficient - IE1

* Class F Insulation, Class B Rise At Full Load On
60 Hertz Sine Wave Power

* IP55 Ingress Protection

* 1.15 Service Factor, Special Balance (0.08 IPS)

* All Cast Iron Construction

* Corrosion Resistant Mill And Chemical Duty Paint

* Stainless Steel Nameplate And Zinc Plated Hardware

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* 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	\$493	143	\$442	143	\$564	145	\$806	—	—	—	—
0.33	143	\$493	143	\$442	143	\$564	145	\$806	—	—	—	—
0.5	143	\$493	143	\$442	143	\$564	145	\$806	—	—	—	—
0.75	143	\$493	143	\$442	143	\$564	145	\$806	—	—	—	—
1	143	\$493	143	\$442	145	\$564	182	\$806	213	\$1,180	215	\$1,262
1.5	143	\$465	145	\$473	182	\$650	184	\$984	213	\$1,186	254	\$1,559
2	145	\$512	145	\$519	184	\$764	213	\$1,004	215	\$1,354	256	\$1,746
3	182	\$594	182	\$567	213	\$1,011	215	\$1,399	254	\$1,908	284	\$2,338
5	184	\$705	184	\$646	215	\$1,303	254	\$1,824	256	\$2,414	286	\$3,069
7.5	213	\$878	213	\$844	254	\$1,483	256	\$2,277	284	\$2,954	324	\$4,321
10	215	\$1,025	215	\$1,051	256	\$1,797	284	\$2,652	324	\$4,097	326	\$5,326
15	254	\$1,443	254	\$1,406	284	\$2,387	286	\$3,319	326	\$4,955	364	\$6,442
20	256	\$1,789	256	\$1,749	286	\$2,830	324	\$4,616	364	\$6,093	365	\$7,922
25	284	\$2,034	284	\$1,967	324	\$3,976	326	\$5,215	365	\$7,781	405	\$9,153
30	286	\$2,440	286	\$2,336	326	\$4,523	364	\$5,832	405	\$8,852	405	\$10,235
40	324	\$3,235	324	\$3,137	364	\$5,010	365	\$7,266	405	\$9,808	445	\$12,751
50	326	\$4,335	326	\$3,894	365	\$6,232	404	\$9,036	445	\$12,200	445	\$15,860
60	364	\$5,574	364	\$5,440	404	\$7,332	405	\$9,898	445	\$13,362	447	\$17,371
75	365	\$7,179	365	\$6,653	405	\$8,722	444	\$11,775	447	\$15,896	449	\$22,930
100	405	\$9,622	405	\$8,722	444	\$11,390	445	\$15,377	449	\$20,983	—	—
125	444	\$11,721	444	\$11,008	445	\$14,147	447	\$19,097	—	—	—	—
150	445	\$14,858	445	\$13,257	447	\$16,178	449	\$25,208	—	—	—	—
200	447	\$20,305	447	\$17,169	449	\$21,378	—	—	—	—	—	—
250	449	\$24,855	449	\$22,078	—	—	—	—	—	—	—	—
300	449	\$29,715	449	\$25,508	—	—	—	—	—	—	—	—
350	—	—	449	\$27,809	—	—	—	—	—	—	—	—

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