

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	—	—
100	405	\$10,692	405	\$9,692	444	\$12,657	445	\$17,086	—	—	—	—
125	444	\$13,023	444	\$12,231	445	\$15,719	447	\$21,220	—	—	—	—
150	445	\$16,509	445	\$14,730	447	\$17,976	—	—	—	—	—	—
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	\$4,616	—	—	—	—
25	284	\$2,288	284	\$2,213	324	\$3,976	326	\$5,505	—	—	—	—
30	286	\$2,745	286	\$2,628	326	\$4,523	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	\$5,258	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	—	—	—	—	—	—
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)

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



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

* 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	\$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	—	—
100	405	\$9,622	405	\$8,722	444	\$11,390	445	\$15,377	—	—	—	—
125	444	\$11,721	444	\$11,008	445	\$14,147	447	\$19,097	—	—	—	—
150	445	\$14,858	445	\$13,257	447	\$16,178	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—

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)



TCE

CORRO-DUTY[®] Premium Efficient - IE3

- * Class F Insulation, Class B Rise At Full Load On
60 Hertz Sine Wave Power
- * 1.15 Service Factor, Special Balance
- * All Cast Iron Construction (Steel Frame And Fan Cover On 140 Frame)
- * Corrosion Resistant Mill And Chemical Duty Paint
- * Stainless Steel Nameplate And Zinc Plated Hardware
- * Shaft Slinger On Pulley End For IP54 Protection
- * Insulife-2000 Insulation Treatment, Drains/Breathers
- * Lead Positioning Gasket And Ground Lug In Conduit Box
- * Lifting Provisions And Regreasable Bearings On 180 Frame And Up
- * Close Coupled Pump (CCP) Available With Adder
- * Air-Over (TEAO) Available With Deduct
- * Non-Vent (TENV) With Adder
- * Self-Certified Division 2 Available 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	\$649	143	\$563	143	\$765	145	\$1,185	—	—	—	—
0.33	143	\$649	143	\$563	143	\$765	145	\$1,185	—	—	—	—
0.5	143	\$649	143	\$563	143	\$765	145	\$1,185	—	—	—	—
0.75	143	\$649	143	\$563	143	\$765	145	\$1,185	—	—	—	—
1	143	\$649	143	\$563	145	\$765	182	\$1,185	213	\$1,600	215	\$2,080
1.5	143	\$649	145	\$624	182	\$849	184	\$1,315	213	\$1,776	254	\$2,308
2	145	\$771	145	\$684	184	\$945	213	\$1,464	215	\$1,977	256	\$2,570
3	182	\$867	182	\$766	213	\$1,170	215	\$1,815	254	\$2,450	284	\$3,185
5	184	\$1,087	184	\$890	215	\$1,675	254	\$2,529	256	\$3,414	286	\$4,438
7.5	213	\$1,347	213	\$1,218	254	\$2,236	256	\$3,374	284	\$4,554	324	\$5,921
10	215	\$1,578	215	\$1,471	256	\$2,700	284	\$3,952	324	\$5,335	326	\$6,935
15	254	\$2,199	254	\$1,978	284	\$3,664	286	\$5,284	326	\$7,133	364	\$9,273
20	256	\$2,723	256	\$2,438	286	\$4,439	324	\$6,253	364	\$8,442	365	\$10,974
25	284	\$3,248	284	\$2,845	324	\$5,137	326	\$7,408	365	\$10,000	405	\$13,000
30	286	\$3,809	286	\$3,318	326	\$6,061	364	\$8,528	405	\$11,513	405	\$14,966
40	324	\$4,922	324	\$4,332	364	\$8,163	365	\$10,564	405	\$14,262	445	\$18,540
50	326	\$6,333	326	\$5,319	365	\$9,405	404	\$13,586	445	\$18,341	445	\$23,843
60	364	\$8,454	364	\$7,734	404	\$11,081	405	\$15,678	445	\$21,165	447	\$27,514
75	365	\$10,623	365	\$9,837	405	\$13,065	444	\$17,051	447	\$23,019	—	—
100	405	\$14,227	405	\$12,122	444	\$17,888	445	\$24,098	—	—	—	—
125	444	\$17,372	444	\$14,807	445	\$20,079	447	\$26,308	—	—	—	—
150	445	\$21,379	445	\$17,575	447	\$23,062	—	—	—	—	—	—
200	447	\$27,018	447	\$21,413	—	—	—	—	—	—	—	—

* 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-3CME

† 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

CORRO-DUTY[®] Energy Efficient

- * Class F Insulation, Class B Rise At Full Load On 60 Hertz Sine Wave Power
- * 1.15 Service Factor, Special Balance
- * All Cast Iron Construction (Steel Frame And Fan Cover On 140 Frame)
- * Corrosion Resistant Mill And Chemical Duty Paint
- * Stainless Steel Nameplate And Zinc Plated Hardware
- * Shaft Slinger On Pulley End For IP54 Protection
- * Insulife-2000 Insulation Treatment, Drains/Breathers

- * Lead Positioning Gasket And Ground Lug In Conduit Box
- * Lifting Provisions And Regreasable Bearings On 180 Frame And Up
- * Close Coupled Pump (CCP) Available With Adder
- * Air-Over (TEAO) Available With Deduct
- * Non-Vent (TENV) With Adder
- * Self-Certified Division 2 Available 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	\$584	143	\$507	143	\$689	145	\$1,067	—	—	—	—
0.33	143	\$584	143	\$507	143	\$689	145	\$1,067	—	—	—	—
0.5	143	\$584	143	\$507	143	\$689	145	\$1,067	—	—	—	—
0.75	143	\$584	143	\$507	143	\$689	145	\$1,067	—	—	—	—
1	143	\$584	143	\$507	145	\$689	182	\$1,067	—	—	—	—
1.5	143	\$584	145	\$562	182	\$764	184	\$1,184	—	—	—	—
2	145	\$694	145	\$616	184	\$851	213	\$1,318	—	—	—	—
3	182	\$780	182	\$689	213	\$1,053	215	\$1,633	—	—	—	—
5	184	\$978	184	\$801	215	\$1,508	254	\$2,276	—	—	—	—
7.5	213	\$1,212	213	\$1,096	254	\$2,012	256	\$3,036	—	—	—	—
10	215	\$1,420	215	\$1,324	256	\$2,430	284	\$3,556	—	—	—	—
15	254	\$1,979	254	\$1,780	284	\$3,298	286	\$4,755	—	—	—	—
20	256	\$2,451	256	\$2,194	286	\$3,995	324	\$5,940	—	—	—	—
25	284	\$2,923	284	\$2,561	324	\$4,880	326	\$7,037	—	—	—	—
30	286	\$3,428	286	\$2,986	326	\$5,758	364	\$8,102	—	—	—	—
40	324	\$4,676	324	\$4,115	364	\$7,755	365	\$10,036	—	—	—	—
50	326	\$6,016	326	\$5,053	365	\$8,935	404	\$12,907	—	—	—	—
60	364	\$8,031	364	\$7,347	404	\$10,527	405	\$14,894	—	—	—	—
75	365	\$10,092	365	\$9,345	405	\$12,412	444	\$16,199	—	—	—	—
100	405	\$13,516	405	\$11,516	444	\$16,994	445	\$22,893	—	—	—	—
125	444	\$16,503	444	\$14,067	445	\$19,075	447	\$24,992	—	—	—	—
150	445	\$20,310	445	\$16,696	447	\$21,909	—	—	—	—	—	—
200	447	\$25,667	447	\$20,342	--	--	—	—	—	—	—	—

* 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)

* For 600 RPM, Use Standard Efficiency Or Premium Efficiency.

DISCOUNT SYMBOL: DS-3FCM

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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

CORRO-DUTY[®] Standard Efficient

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

* 1.15 Service Factor, Special Balance

* All Cast Iron Construction (Steel Frame And Fan Cover On 140 Frame)

* Corrosion Resistant Mill And Chemical Duty Paint

* Stainless Steel Nameplate And Zinc Plated Hardware

* Shaft Slinger On Pulley End For IP54 Protection

* Insulife-2000 Insulation Treatment, Drains/Breathers

* Lead Positioning Gasket And Ground Lug In Conduit Box

* Lifting Provisions And Regreasable Bearings On 180 Frame And Up

* Close Coupled Pump (CCP) Available With Adder

* Air-Over (TEAO) Available With Deduct

* Non-Vent (TENV) With Adder

* Self-Certified Division 2 Available 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	\$519	143	\$450	143	\$612	145	\$948	—	—	—	—
0.33	143	\$519	143	\$450	143	\$612	145	\$948	—	—	—	—
0.5	143	\$519	143	\$450	143	\$612	145	\$948	—	—	—	—
0.75	143	\$519	143	\$450	143	\$612	145	\$948	—	—	—	—
1	143	\$519	143	\$450	145	\$612	182	\$948	213	\$1,280	215	\$1,664
1.5	143	\$519	145	\$499	182	\$679	184	\$1,052	213	\$1,421	254	\$1,847
2	145	\$617	145	\$547	184	\$756	213	\$1,172	215	\$1,582	256	\$2,056
3	182	\$694	182	\$613	213	\$936	215	\$1,452	254	\$1,960	284	\$2,548
5	184	\$870	184	\$712	215	\$1,340	254	\$2,023	256	\$2,731	286	\$3,551
7.5	213	\$1,078	213	\$974	254	\$1,789	256	\$2,699	284	\$3,644	324	\$5,329
10	215	\$1,262	215	\$1,177	256	\$2,160	284	\$3,161	324	\$4,801	326	\$6,241
15	254	\$1,759	254	\$1,582	284	\$2,931	286	\$4,227	326	\$6,420	364	\$8,346
20	256	\$2,178	256	\$1,950	286	\$3,551	324	\$5,628	364	\$7,597	365	\$9,877
25	284	\$2,598	284	\$2,276	324	\$4,623	326	\$6,667	365	\$9,000	405	\$11,700
30	286	\$3,047	286	\$2,654	326	\$5,455	364	\$7,675	405	\$10,361	405	\$13,470
40	324	\$4,430	324	\$3,899	364	\$7,347	365	\$9,508	405	\$12,835	445	\$16,686
50	326	\$5,700	326	\$4,787	365	\$8,465	404	\$12,227	445	\$16,507	445	\$21,459
60	364	\$7,609	364	\$6,961	404	\$9,973	405	\$14,110	445	\$19,048	447	\$24,763
75	365	\$9,561	365	\$8,853	405	\$11,759	444	\$15,346	447	\$20,717	—	—
100	405	\$12,804	405	\$10,910	444	\$16,099	445	\$21,688	—	—	—	—
125	444	\$15,635	444	\$13,326	445	\$18,071	447	\$23,677	—	—	—	—
150	445	\$19,241	445	\$15,818	447	\$20,756	—	—	—	—	—	—
200	447	\$24,316	447	\$19,272	—	—	—	—	—	—	—	—

DISCOUNT SYMBOL: DS-3FCM

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

