

# Three Phase Modifiable NEMA<sup>®</sup> Horizontal Motors Open Drip Proof (ODP)



DE,RE

## Premium Efficient

- \* Class F Insulation, Class B Rise At Service Factor On  
60 Hertz Sine Wave Power
- \* 1.15 Service Factor
- \* 56-320: Rolled Steel Frame Construction
- \* 360-440: Cast Iron Frame Construction
- \* 56-250: Aluminum End Shields

- \* 280-440: Cast Iron End Shields
- \* Lifting Provisions On 180 Frame And Up
- \* Regreasable Bearings On 180 Frame And Up
- \* Multi-Speed Available With Adder
- \* Bearing Caps On 400 And 440 Frames
- \* 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	\$472	143	\$443	143	\$595	143	\$686	—	—	—	—
0.33	143	\$472	143	\$443	143	\$595	143	\$686	—	—	—	—
0.5	143	\$472	143	\$443	143	\$595	143	\$686	—	—	—	—
0.75	143	\$472	143	\$443	143	\$595	145	\$686	—	—	—	—
1	143	\$472	143	\$443	145	\$595	182	\$686	184	\$926	215	\$1,204
1.5	143	\$472	145	\$466	182	\$600	184	\$833	215	\$1,124	254	\$1,461
2	145	\$515	145	\$512	184	\$672	213	\$1,119	215	\$1,510	256	\$1,963
3	145	\$529	182	\$544	213	\$855	215	\$1,435	254	\$1,937	284	\$2,518
5	182	\$564	184	\$586	215	\$1,122	254	\$1,840	256	\$2,483	286	\$3,228
7.5	184	\$880	213	\$857	254	\$1,423	256	\$2,340	286	\$3,159	324	\$4,107
10	213	\$1,029	215	\$1,043	256	\$1,851	284	\$2,776	324	\$3,747	326	\$4,871
15	215	\$1,414	254	\$1,426	284	\$2,363	286	\$3,648	326	\$4,924	364	\$6,402
20	254	\$1,711	256	\$1,829	286	\$2,880	324	\$4,316	364	\$5,827	365	\$7,575
25	256	\$2,237	284	\$2,214	324	\$3,163	326	\$5,113	365	\$6,902	404	\$8,973
30	284	\$2,637	286	\$2,629	326	\$3,629	364	\$5,667	404	\$7,651	405	\$9,946
40	286	\$2,883	324	\$2,889	364	\$5,786	365	\$7,020	405	\$9,477	444	\$12,320
50	324	\$3,243	326	\$3,386	365	\$6,506	404	\$8,364	444	\$11,291	445	\$14,678
60	326	\$4,469	364	\$4,657	404	\$7,706	405	\$9,698	445	\$13,092	445	\$17,019
75	364	\$5,886	365	\$5,514	405	\$8,764	444	\$11,665	445	\$15,748	447	\$20,472
100	365	\$6,500	404	\$6,571	444	\$10,274	445	\$16,450	447	\$22,208	449	\$28,870
125	404	\$8,706	405	\$8,743	445	\$11,097	445	\$17,081	449	\$23,059	449	\$29,977
150	405	\$10,743	444	\$11,431	445	\$14,949	447	\$19,272	449	\$26,017	—	—
200	444	\$13,917	445	\$14,286	447	\$19,649	449	\$20,581	—	—	—	—
250	445	\$18,343	445	\$16,151	447	\$22,343	449	\$27,838	—	—	—	—
300	445	\$25,362	447	\$21,169	449	\$27,315	—	—	—	—	—	—
350	447	\$29,028	447	\$28,679	—	—	—	—	—	—	—	—
400	449	\$34,056	449	\$33,647	—	—	—	—	—	—	—	—

\* 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-3MEO

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



# Three Phase Modifiable NEMA<sup>®†</sup> Horizontal Motors Open Drip Proof (ODP)

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



FD,FR

## Energy Efficient

- \* Class F Insulation, Class B Rise At Service Factor On 60 Hertz Sine Wave Power
- \* 1.15 Service Factor
- \* 56-320: Rolled Steel Frame Construction
- \* 360-440: Cast Iron Frame Construction
- \* 56-250: Aluminum End Shields

- \* 280-440: Cast Iron End Shields
- \* Lifting Provisions On 180 Frame And Up
- \* Regreasable Bearings On 180 Frame And Up
- \* Multi-Speed Available With Adder
- \* Bearing Caps On 400 And 440 Frames

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	\$425	143	\$399	143	\$536	143	\$617	—	—	—	—
0.33	143	\$425	143	\$399	143	\$536	143	\$617	—	—	—	—
0.5	143	\$425	143	\$399	143	\$536	143	\$617	—	—	—	—
0.75	143	\$425	143	\$399	143	\$536	145	\$617	—	—	—	—
1	143	\$425	143	\$399	145	\$536	182	\$617	—	—	—	—
1.5	143	\$425	145	\$419	182	\$540	184	\$749	—	—	—	—
2	145	\$464	145	\$461	184	\$605	213	\$1,007	—	—	—	—
3	145	\$476	182	\$490	213	\$770	215	\$1,291	—	—	—	—
5	182	\$508	184	\$527	215	\$1,010	254	\$1,656	—	—	—	—
7.5	184	\$792	213	\$771	254	\$1,281	256	\$2,106	—	—	—	—
10	213	\$926	215	\$939	256	\$1,666	284	\$2,498	—	—	—	—
15	215	\$1,273	254	\$1,283	284	\$2,127	286	\$3,283	—	—	—	—
20	254	\$1,540	256	\$1,646	286	\$2,592	324	\$4,101	—	—	—	—
25	256	\$2,013	284	\$1,993	324	\$3,005	326	\$4,857	—	—	—	—
30	284	\$2,373	286	\$2,366	326	\$3,448	364	\$5,384	—	—	—	—
40	286	\$2,595	324	\$2,745	364	\$5,497	365	\$6,669	—	—	—	—
50	324	\$3,081	326	\$3,217	365	\$6,181	404	\$7,946	—	—	—	—
60	326	\$4,246	364	\$4,424	404	\$7,321	405	\$9,213	—	—	—	—
75	364	\$5,592	365	\$5,238	405	\$8,326	444	\$11,082	—	—	—	—
100	365	\$6,175	404	\$6,242	444	\$9,760	445	\$15,628	—	—	—	—
125	404	\$8,271	405	\$8,306	445	\$10,542	445	\$16,227	—	—	—	—
150	405	\$10,206	444	\$10,859	445	\$14,202	447	\$18,308	—	—	—	—
200	444	\$13,221	445	\$13,572	447	\$18,667	449	\$19,552	—	—	—	—
250	445	\$17,426	445	\$15,343	447	\$21,226	449	\$26,446	—	—	—	—
300	445	\$24,094	447	\$20,111	449	\$25,949	—	—	—	—	—	—
350	447	\$27,577	447	\$27,245	—	—	—	—	—	—	—	—
400	449	\$32,353	449	\$31,965	—	—	—	—	—	—	—	—

\* 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 720 Or 600 RPM, Use Standard Efficiency Or Premium Efficiency.

DISCOUNT SYMBOL: DS-3FM

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



# Three Phase Modifiable NEMA<sup>®†</sup> Horizontal Motors Open Drip Proof (ODP)

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



D,R

## Standard Efficient

- \* Class F Insulation, Class B Rise At Service Factor On 60 Hertz Sine Wave Power
- \* 1.15 Service Factor
- \* 56-320: Rolled Steel Frame Construction
- \* 360-440: Cast Iron Frame Construction
- \* 56-250: Aluminum End Shields

- \* 280-440: Cast Iron End Shields
- \* Lifting Provisions On 180 Frame And Up
- \* Regreasable Bearings On 180 Frame And Up
- \* Multi-Speed Available With Adder
- \* Bearing Caps On 400 And 440 Frames

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	\$378	143	\$354	143	\$476	143	\$549	—	—	—	—
0.33	143	\$378	143	\$354	143	\$476	143	\$549	—	—	—	—
0.5	143	\$378	143	\$354	143	\$476	143	\$549	—	—	—	—
0.75	143	\$378	143	\$354	143	\$476	145	\$549	—	—	—	—
1	143	\$378	143	\$354	145	\$476	182	\$549	184	\$741	215	\$963
1.5	143	\$378	145	\$373	182	\$480	184	\$666	215	\$899	254	\$1,169
2	145	\$412	145	\$410	184	\$538	213	\$895	215	\$1,208	256	\$1,571
3	145	\$423	182	\$435	213	\$684	215	\$1,148	254	\$1,549	284	\$2,014
5	182	\$451	184	\$469	215	\$898	254	\$1,472	256	\$1,987	286	\$2,583
7.5	184	\$704	213	\$686	254	\$1,138	256	\$1,872	286	\$2,527	324	\$3,696
10	213	\$823	215	\$834	256	\$1,481	284	\$2,220	324	\$3,372	326	\$4,384
15	215	\$1,131	254	\$1,141	284	\$1,890	286	\$2,918	326	\$4,432	364	\$5,762
20	254	\$1,369	256	\$1,463	286	\$2,304	324	\$3,885	364	\$5,244	365	\$6,818
25	256	\$1,790	284	\$1,771	324	\$2,847	326	\$4,602	365	\$6,212	404	\$8,076
30	284	\$2,110	286	\$2,103	326	\$3,266	364	\$5,101	404	\$6,886	405	\$8,952
40	286	\$2,306	324	\$2,600	364	\$5,207	365	\$6,318	405	\$8,529	444	\$11,088
50	324	\$2,919	326	\$3,047	365	\$5,855	404	\$7,527	444	\$10,162	445	\$13,210
60	326	\$4,022	364	\$4,191	404	\$6,935	405	\$8,728	445	\$11,782	445	\$15,317
75	364	\$5,297	365	\$4,963	405	\$7,888	444	\$10,498	445	\$14,173	447	\$18,425
100	365	\$5,850	404	\$5,914	444	\$9,247	445	\$14,805	447	\$19,987	449	\$25,983
125	404	\$7,835	405	\$7,869	445	\$9,987	445	\$15,373	449	\$20,754	449	\$26,980
150	405	\$9,669	444	\$10,288	445	\$13,454	447	\$17,345	449	\$23,415	—	—
200	444	\$12,525	445	\$12,857	447	\$17,684	449	\$18,523	—	—	—	—
250	445	\$16,509	445	\$14,536	447	\$20,109	449	\$25,054	—	—	—	—
300	445	\$22,826	447	\$19,052	449	\$24,584	—	—	—	—	—	—
350	447	\$26,125	447	\$25,811	—	—	—	—	—	—	—	—
400	449	\$30,650	449	\$30,282	—	—	—	—	—	—	—	—

DISCOUNT SYMBOL: DS-3FM

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