Modifiable TITAN® Horizontal Motors
Horizontal Totally Enclosed Fan Cooled - TEFC
Anti-Friction Ball Bearings - Standard (Energy) Efficient (DS-6TM)

FEATURES:

- Cast Iron Frame & Brackets
- Class F VPI Epoxy Insulation
- 1.00 S.F. with Class B Temperature Rise at Full Load
- 40°C Ambient, Max 3,300 F.A.S.L.
- NEMA®† Design B
- Re-Greasable Ball Bearings

HP	RPM @ 60 Hz	Voltage @ 60 Hertz							
		460 or 575V		2300V		4000V		6600V	
		Frame	List	Frame	List	Frame	List	Frame	List
150	3600*	----	----	449	$25,203	449	$26,883	----	----
	1800	----	----	449	$22,533	449	$24,035	----	----
	1200	----	----	449	$30,288	449	$39,981	----	----
	900	449%	$20,935	449	$38,618	5010	$40,764	----	----
	720	449	$22,190	5012	$42,860	5012	$45,240	----	----
	600	5010	$39,560	5810	$45,115	5810	$47,619	----	----
	514	5810	$54,590	----	----	----	----	----	----
200	3600*	----	----	449	$27,723	449	$29,572	5010	$47,963
	1800	----	----	449	$25,012	449	$26,679	5010	$44,937
	1200	449%	$20,801	449	$32,019	449	$41,112	5012	$50,948
	900	449%	$23,030	5010	$45,830	5010	$48,375	----	----
	720	449	$26,856	5012	$52,048	5012	$54,939	----	----
	600	5010	$47,469	5810	$54,785	5810	$57,831	----	----
250	3600*	449%	$22,920	449	$31,050	449	$33,120	5010	$50,715
	1800	449%	$20,250	449	$27,512	449	$29,347	5010	$44,937
	1200	449%	$22,808	5008	$39,578	5008	$41,776	5012	$53,870
	900	449%	$26,334	5010	$50,313	5010	$53,109	5810	$68,482
	720	5012	$42,492	5810	$58,698	5810	$61,959	----	----
	600	5012	$50,792	5810	$62,423	5810	$65,890	----	----
300	3600*	449%	$24,763	449	$35,076	5010	$46,300	5012	$65,146
	1800	449%	$20,665	449	$30,995	5008	$40,913	5012	$50,625
	1200	449%	$24,642	5010	$43,756	5010	$46,187	5012	$59,558
	900	5010	$38,068	5010	$55,614	5012	$58,703	5812	$77,811
	720	5810	$48,717	5810	$63,487	5810	$67,014	----	----
	600	5810	$60,865	5810	$66,912	5810	$70,627	----	----
350	3600*	449%♦	$28,363	5010	$46,788	5010	$49,388	5012	$67,844
		5008%	$36,628						
	1800	449%	$22,806	5010	$40,375	5010	$42,618	5012	$61,165
	1200	5010%	$38,134	5010	$48,426	5010	$51,115	5810	$72,519
	900	5010	$42,483	5012	$60,158	5012	$63,501	5812	$84,171
	720	5810	$59,856	5812	$71,135	5812	$75,087	----	----
	600	5812	$71,968	5812	$83,950	5812	$88,148	----	----
400	3600*	449%♦	$32,273	5010	$51,732	5010	$54,606	5810	$69,678
		5008%	$41,678						
	1800	449%	$23,302	5010	$44,563	5010	$47,038	5012	$64,615
	1200	5010	$42,085	5010	$51,030	5010	$53,865	5812	$77,481
	900	5012	$47,564	5810	$63,770	5810	$67,313	----	----
	720	5810	$60,834	5812	$76,622	5812	$80,271	----	----
	600	5812	$76,394	6808	$137,739	6808	$140,875	----	----
450	3600*	5010%	$43,871	5012	$56,238	5012	$59,363	5810	$76,010
	1800	5010%	$36,675	5010	$47,898	5010	$50,559	5810	$69,452
	1200	5012	$47,125	5012	$55,225	5012	$58,293	5812	$82,424
	900	5810	$52,043	5810	$69,245	5810	$73,092	----	----
	720	6808	$134,471	6808	$134,471	6808	$140,875	----	----
	600	6809	$144,988	6809	$144,988	6809	$151,893	----	----

Notes:

* Motor is Uni-Directional (CCW Rotation F.O.D.E.)
** Motor is Suitable for 1.0 SF, Class F Rise Only
♦ Motor is Suitable for Class F Rise Only
% Cannot be used for motors covered by EISA-2007 / IHP Motor Final Rule 2016
^ High Inrush Design

6808 Frame Also Available as 450MLA Frame or 7007 Frame
6809 Frame Also Available as 450LAB Frame or 7008 Frame
6811 Frame Also Available as 450BCD Frame or 7010 Frame

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Modifiable TITAN® Horizontal Motors
Horizontal Totally Enclosed Fan Cooled - TEFC
Anti-Friction Ball Bearings - Standard (Energy) Efficient (DS-6TM)

(continued)

HP	RPM @ 60 Hz	Voltage @ 60 Hertz							
		460 or 575V		2300V		4000V		6600V	
		Frame	List	Frame	List	Frame	List	Frame	List
500	3600*	5012%	$58,239	5012	$61,007	5012	$64,397	5810	$80,394
	1800	5010%	$43,035	5012	$50,997	5012	$53,830	5810	$73,460
	1200	5012	$51,892	5012	$64,172	5012	$67,738	5812	$86,994
	900	5812	$66,938	5812	$72,990	5812	$77,046	----	----
	720	6808	$141,074	6808	$141,074	6808	$147,792	----	----
	600	6811	$152,108	6811	$152,108	6811	$159,351	----	----
600	3600*	5012	$62,798	5012	$67,292	5012	$76,770	5812	$90,598
	1800	5012	$56,337	5012	$63,503	5012	$66,678	5812	$78,706
	1200	5810	$59,409	5810	$72,464	5810	$76,490	----	----
	900	5812	$78,837	5812	$85,965	5812	$90,816	----	----
	720	6811	$157,919	6811	$157,919	6811	$164,236	----	----
	600	6811	$170,270	6811	$170,270	6811	$177,082	----	----
700	3600*	5812	$80,174	5812	$80,174	5812	$82,456	5812	$96,445
	1800	5012	$69,660	5012	$69,660	5012	$73,143	5812	$85,553
	1200	5812	$83,551	5812	$83,551	5812	$87,729	----	----
	900	6809	$145,929	6809	$145,929	6809	$152,878	----	----
	720	6811	$164,238	6811	$164,238	6811	$170,807	----	----
	600	6811	$182,600	6811	$182,600	6811**	$189,905	----	----
800	3600*	5812	$86,163	5812	$86,163	5812	$88,617	----	----
	1800	5812	$74,930	5812	$74,930	5812	$78,675	----	----
	1200	5812	$88,731	5812	$88,731	5812	$93,167	----	----
	900	6811	$160,495	6811	$160,495	6811	$168,138	----	----
	720	6811	$181,133	6811	$181,133	6811**	$188,378	----	----
900	1800	5812	$84,967	5812	$84,967	5812	$89,215	----	----
	1200*	6809	$153,071	6809	$153,071	6809	$161,637	----	----
	900	6811	$170,007	6811	$170,007	6811	$176,782	----	----
1000	1800	5812	$90,992	5812	$90,992	5812	$95,234	----	----
	1200*	6809	$157,380	6809	$157,380	6809	$166,372	----	----
	900	6811	$184,068	6811	$184,068	6811	$191,431	----	----
1250	1800*	---	---	6811	$154,123	6811	$161,461	----	----
	1200*	---	---	6811	$171,005	6811^	$177,845	----	----
1500	1800*	---	---	6811	$161,828	6811	$171,077	----	----
1750	1800*	---	---	6811^	$171,533	6811^	$181,336	----	----
2000	1800*	---	---	6811**^	$185,542	6811**^	$196,141	----	----

Notes:

* Motor is Uni-Directional (CCW Rotation F.O.D.E.)
** Motor is Suitable for 1.0 SF, Class F Rise Only
% Cannot be used for motors covered by EISA-2007 / IHP Motor Final Rule 2016

^ High Inrush Design
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Modifiable TITAN® Horizontal Motors
Horizontal Totally Enclosed Fan Cooled - TEFC
Anti-Friction Ball Bearings - Premium Efficient (DS-6TM)

FEATURES:

- Cast Iron Frame & Brackets
- Class F VPI Epoxy Insulation
- 1.00 S.F. with Class B Temperature Rise at Full Load
- 40°C Ambient, Max 3,300 F.A.S.L.
- NEMA®† Design B
- Re-Greasable Ball Bearings
- Department of Energy Compliance Certification Number CC030A

HP	RPM @ 60 Hz	Voltage @ 60 Hertz							
		460 or 575V		2300V		4000V		6600V	
		Frame	List	Frame	List	Frame	List	Frame	List
150	3600*	----	----	449	$27,724	449	$29,572	----	----
	1800	----	----	449	$24,787	449	$26,438	----	----
	1200	----	----	449	$33,317	449	$43,979	----	----
	900	449@	$22,037	449	$42,480	5010	$44,841	----	----
	720	449	$24,409	5012	$47,146	5012	$49,764	----	----
	600	5010	$43,516	5810	$49,627	5810	$52,381	----	----
	514	5810	$60,049	----	----	----	----	----	----
200	3600*	----	----	449	$30,496	449	$32,529	5010	$52,760
	1800	----	----	449	$27,513	449	$29,347	5010	$49,431
	1200	449@	$21,895	5008	$35,221	5008	$45,223	5012	$59,257
	900	449@	$24,241	5010	$50,413	5010	$53,212	----	----
	720	449	$29,541	5012	$57,252	5012	$60,433	----	----
	600	5010	$52,216	5810	$60,263	5810	$63,614	----	----
250	3600*	449@	$24,126	5010	$44,046	5010	$46,494	5010	$55,786
	1800	449@	$21,314	449	$30,264	449	$32,282	5010	$49,431
	1200	449@	$24,006	5008	$43,536	5008	$45,954	5012	$59,257
	900	449@	$27,720	5010	$55,345	5010	$58,420	5810	$75,330
	720	5012	$46,741	5810	$64,568	5810	$68,155	----	----
	600	5012	$55,872	5810	$68,665	5810	$72,479	----	----
300	3600*	449@	$26,066	5010	$48,249	5010	$50,930	5012	$71,661
	1800	449@	$21,752	5008	$42,635	5008	$45,004	5012	$55,688
	1200	449@	$25,938	5010	$48,132	5010	$50,806	5012	$65,514
	900	5010	$41,874	5010	$61,176	5012	$64,573	5812	$85,592
	720	5810	$53,588	5810	$69,836	5810	$73,716	----	----
	600	5810	$66,952	5810	$73,603	5810	$77,690	----	----
350	3600*	449%♦	$29,855	5010	$51,467	5010	$54,327	5012	$74,628
		5008%	$38,460						
	1800	449@	$24,006	5010	$44,413	5010	$46,880	5012	$67,282
	1200	5010@	$40,141	5010	$53,268	5010	$56,227	5810	$79,760
	900	5010	$46,732	5012	$66,174	5012	$69,851	5812	$92,588
	720	5810	$65,841	5812	$78,248	5812	$82,595	----	----
	600	5812	$79,164	5812	$92,345	5812	$96,963	----	----
400	3600*	449%♦	$33,971	5010	$56,905	5010	$60,066	5810	$76,645
		5008%	$43,762						
	1800	449*@	$24,528	5010	$49,019	5010	$51,741	5012	$71,077
	1200	5010	$46,294	5010	$56,133	5010	$59,251	5812	$85,229
	900	5012	$52,320	5810	$70,147	5810	$74,044	----	----
	720	5810	$66,918	5812	$84,285	5812	$88,298	----	----
	600	5812	$84,033	6808	$147,917	6808	$154,960	----	----
450	3600*	5010@	$46,180	5012	$61,862	5012	$65,299	5810	$83,611
	1800	5010@	$38,605	5010	$52,688	5010	$55,615	5810	$76,397
	1200	5012	$51,838	5012	$60,748	5012	$64,123	5812	$90,666
	900	5810	$57,247	5810	$76,169	5810	$80,401	----	----
	720	6808	$147,917	6808	$147,917	6808	$154,960	----	----
	600	6809	$159,486	6809	$159,486	6809	$167,080	----	----

Notes:
* Motor is Uni-Directional (CCW Rotation F.O.D.E.)
** Motor is Suitable for 1.0 SF, Class F Rise Only
♦ Motor is Suitable for Class F Rise Only
@ 60Hz motor complies with U.S. D.O.E.'s Efficiency regulation 10 CFR Section 431 Subpart B – electric motors (see Appendix D for Nominal Efficiency Table)

^ High Inrush Design
6808 Frame Also Available as 450MLA Frame or 7007 Frame
6809 Frame Also Available as 450LAB Frame or 7008 Frame
6811 Frame Also Available as 450BCD Frame or 7010 Frame

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Modifiable TITAN® Horizontal Motors
Horizontal Totally Enclosed Fan Cooled - TEFC
Anti-Friction Ball Bearings - Premium Efficient (DS-6TM)

(continued)

HP	RPM @ 60 Hz	Voltage @ 60 Hertz							
		460 or 575V		2300V		4000V		6600V	
		Frame	List	Frame	List	Frame	List	Frame	List
500	3600*	5012@	$61,304	5012	$67,108	5012	$70,837	5810	$88,434
	1800	5010@	$45,299	5012	$56,096	5012	$59,213	5810	$80,806
	1200	5012	$57,081	5012	$70,590	5012	$74,511	5812	$95,694
	900	5812	$73,631	5812	$80,289	5812	$84,750	----	----
	720	6808	$155,180	6808	$155,180	6808	$162,569	----	----
	600	6811	$167,317	6811	$167,317	6811	$175,284	----	----
600	3600*	5012	$69,078	5012	$74,022	5012	$84,447	5812	$99,658
	1800	5012	$61,970	5012	$69,853	5012	$73,346	5812	$86,577
	1200	5810	$65,350	5810	$79,710	5810	$84,139	----	----
	900	5812	$86,720	5812	$94,561	5812	$99,897	----	----
	720	6811	$173,709	6811	$173,709	6811	$180,657	----	----
	600	6811	$187,295	6811	$187,295	6811	$194,788	----	----
700	3600*	5812	$88,191	5812	$88,191	5812	$90,702	5812	$106,090
	1800	5012	$76,626	5012	$76,626	5012	$80,458	5812	$94,108
	1200	5812	$91,906	5812	$91,906	5812	$96,502	----	----
	900	6809	$160,521	6809	$160,521	6809	$168,164	----	----
	720	6811	$180,660	6811	$180,660	6811	$187,886	----	----
	600	6811	$200,858	6811	$200,858	6811**	$208,893	----	----
800	3600*	5812	$94,780	5812	$94,780	5812	$97,478	----	----
	1800	5812	$82,423	5812	$82,423	5812	$86,542	----	----
	1200	5812	$97,604	5812	$97,604	5812	$102,484	----	----
	900	6811	$176,542	6811	$176,542	6811	$184,950	----	----
	720	6811	$199,244	6811	$199,244	6811**	$207,214	----	----
900	1800	5812	$93,464	5812	$93,464	5812	$98,137	----	----
	1200*	6809	$168,376	6809	$168,376	6809	$177,798	----	----
	900	6811	$187,005	6811	$187,005	6811	$194,458	----	----
1000	1800	5812	$100,090	5812	$100,090	5812	$104,855	----	----
	1200*	6809	$173,117	6809	$173,117	6809	$183,007	----	----
	900	6811	$202,473	6811	$202,473	6811	$210,572	----	----
1250	1800*	6811	---	6811	$169,533	6811	$177,605	----	----
	1200*	6811	---	6811	$188,103	6811^	$195,627	----	----
1500	1800*	6811	---	6811	$178,009	6811	$188,182	----	----
1750	1800*	6811^	---	6811^	$188,685	6811^	$199,467	----	----
2000	1800*	6811**^	---	6811**^	$204,094	6811**^	$215,752	----	----

Notes:
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** Motor is Suitable for 1.0 SF, Class F Rise Only
@ 60Hz motor complies with U.S. D.O.E.'s Efficiency regulation 10 CFR Section 431 Subpart B – electric motors (see Appendix D for Nominal Efficiency Table)

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Horizontal Totally Enclosed Fan Cooled - TEFC
Anti-Friction Ball Bearings - Standard Efficient (DS-6TM)
Cannot Be Used For Motors Covered by EISA-2007 / IHP Motor Final Rule 2016

FEATURES:

- Cast Iron Frame & Brackets
- Class F VPI Epoxy Insulation
- 1.00 S.F. with Class B Temperature Rise at Full Load
- 40°C Ambient, Max 3,300 F.A.S.L.
- NEMA®† Design B
- Re-Greasable Ball Bearings

HP	RPM @ 60 Hz	Voltage @ 60 Hertz	
		460 or 575V	
		Frame	List
150	900	449%	$20,935
200	900	449%	$22,037
250	3600*	449%	$21,932
	1800	449%	$19,377
	1200	449%	$19,905
	900	449%	$25,200
300	3600*	449%	$23,697
	1800	449%	$19,775
	1200	449%	$23,580
350	3600*	449%♦	$27,141
		5008%	$35,051
	1800	449%	$21,824
	1200	5010%	$36,492
400	3600*	449%♦	$30,883
		5008%	$39,883
	1800	449%	$22,298
450	3600*	5010%	$41,982
	1800	5010%	$35,095
500	3600*	5012%	$55,731
	1800	5010%	$41,181

Notes:

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