

TITAN® 841 Horizontal Motors

TEFC Severe Duty

Anti-Friction Bearings – Premium Efficient (DS-6TM)

FEATURES:

- Cast Iron Frame and Brackets
- Division 2 Suitable
- 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
- INPRO/SEALS®† on Both Ends
- Non-Witnessed IEEE-841™ Enhanced No Load Test
- 2 Year Warranty (18 Months on Inverter Power)
- Department of Energy Compliance Certification Number CC030A

HP	RPM @ 60 Hz	Frame	Voltage	List	Full Load NNE	Typ. Sound Pressure Level @ 1M (dBA)	Fan Cover Material	Main Box Size	Div. 2 T-Code	Ship Weight	MN Reference	Notes
150	900	449@	460	\$33,354	94.1%	77	Fab. Steel	2	T3	2400	23270	17
200	1200	449@	460	\$33,730	95.8%	77	Fab. Steel	2	T3	2400	23271	17
	900	449@	460	\$37,783	94.5%	77	Fab. Steel	2	T3	2400	23272	17
250	3600*	449@	460	\$37,547	95.8%	83	Fab. Steel	2	T3	2400	23273	16, 17
	1800	449@	460	\$33,235	96.2%	85	Fab. Steel	2	T3	2400	23274	16, 17
	1200	449@	460	\$33,845	95.8%	77	Fab. Steel	2	T3	2400	23275	17
	900	449@	460	\$41,436	95.0%	77	Fab. Steel	2	T2C	2400	23276	17, 18
	900	5008@	460	\$52,408	95.0%	76	Cast Iron	3	T3	4000	23277	
300	3600*	449@	460	\$39,584	95.8%	85	Fab. Steel	2	T2D	2400	23278	16, 17, 18
	3600*	5008@	460	\$53,975	95.8%	85	Fab. Steel	3	T3	4000	23279	16, 17
	1800	449@	460	\$33,695	96.2%	85	Fab. Steel	2	T3	2400	23280	16, 17
	1200	449@	460	\$39,565	95.8%	81	Fab. Steel	2	T3	2400	23281	16, 17
	1200	5008@	460	\$47,228	95.8%	76	Cast Iron	3	T3	4000	23282	
	900	5010	460	\$54,823	95.0%	76	Cast Iron	3	T3	4800	23283	
350	3600*	449@	460	\$45,503	95.8%	85	Fab. Steel	2.5	T2D	2400	23284	16, 17, 18
	3600*	5008@	460	\$54,344	95.8%	85	Fab. Steel	3	T3	4800	23285	16, 17
	1800	449@	460	\$38,001	96.2%	85	Fab. Steel	2.5	T3	2400	23286	16, 17
	1200	5010@	460	\$53,003	95.8%	76	Cast Iron	3	T3	4800	23287	
	900	5010	460	\$59,924	95.0%	76	Cast Iron	3	T3	4800	23288	
400	3600*	449@	460	\$49,825	95.8%	85	Fab. Steel	2.5	T2D	2400	23289	16, 17, 18
	3600*	5008@	460	\$57,515	95.8%	85	Fab. Steel	3	T3	4800	23290	16, 17
	1800*	449@	460	\$39,909	96.2%	80	Fab. Steel	2.5	T2D	2400	23291	16, 17, 18
	1800	5008@	460	\$49,435	96.2%	76	Fab. Steel	3	T3	4000	23292	17
	1200	5010	460	\$59,464	95.8%	76	Cast Iron	3	T3	4800	23293	
	900	5012	460	\$65,791	95.0%	76	Cast Iron	3	T2D	6000	23294	18
	900	5810	460	\$72,190	95.0%	75	Fab. Steel	3	T3	7700	23295	17
450	3600*	5010@	460	\$61,769	95.8%	85	Fab. Steel	3	T3	4800	23296	16, 17
	1800	5010@	460	\$53,930	96.2%	83	Fab. Steel	3	T3	4800	23297	16, 17
	1200	5012	460	\$67,825	95.8%	76	Fab. Steel	3	T3	6000	23298	17
	900	5812	460	\$76,802	95.0%	75	Fab. Steel	3	T3	9300	23299	17
500	3600*	5012@	460	\$76,264	95.8%	85	Fab. Steel	3	T3	6000	23300	16, 17
	1800	5010@	460	\$59,574	96.2%	83	Fab. Steel	3	T3	4800	23301	16, 17
	1200	5012	460	\$71,945	95.8%	76	Fab. Steel	3	T2D	6000	23302	17, 18
	1200	5810	460	\$74,893	95.8%	75	Fab. Steel	3	T3	7700	23303	17
	900	5812	460	\$78,983	95.4%	75	Fab. Steel	3	T3	9300	23304	17

Notes:

* Motor is Uni-Directional (CCW Rotation F.O.D.E.)
Pricing above can be used for 575V. Please contact your Nidec Motor Technical Representative for 575V performance data
@ 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)

Note 16 Sound power level exceeds IEEE-841™ 90 dBA sound power requirement
Note 17 Fabricated steel sound abate fan cover guard
Note 18 Exposed surface temperature exceeds IEEE-841™ 200°C maximum temperature requirement.

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



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- Division 2 Suitable
- 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
- INPRO/SEALS®† on Both Ends
- Non-Witnessed IEEE-841™ Enhanced No Load Test
- 2 Year Warranty

HP	RPM @ 60 Hz	Frame	Voltage	List	Full Load NNE	Typ. Sound Pressure Level @ 1M (dBA)	Fan Cover Material	Main Box Size	Div. 2 T-Code	Ship Weight	MN Reference	Notes
250	3600*	5010	2300	\$60,938	95.0%	85	Fab. Steel	3	T3	4800	23305	16, 17
	1800	449	2300	\$43,377	95.0%	84	Fab. Steel	2	T3	2400	23306	16, 17
	1200	5008	2300	\$57,978	95.0%	76	Cast Iron	3	T3	4000	23307	
	900	5010	2300	\$70,377	95.0%	73	Cast Iron	3	T3	4800	23308	
300	3600*	5010	2300	\$65,351	95.0%	85	Fab. Steel	3	T3	4800	23309	16, 17
	1800	5008	2300	\$59,572	95.0%	83	Fab. Steel	3	T3	4000	23310	16, 17
	1200	5010	2300	\$62,804	95.0%	76	Cast Iron	3	T3	4800	23311	
	900	5010	2300	\$76,500	95.0%	73	Cast Iron	3	T3	4800	23312	
350	3600*	5010	2300	\$68,730	95.0%	85	Fab. Steel	3	T3	4800	23313	16, 17
	1800	5010	2300	\$61,439	95.0%	83	Fab. Steel	3	T3	4800	23314	16, 17
	1200	5010	2300	\$70,736	95.0%	76	Fab. Steel	3	T3	4800	23315	17
	900	5012	2300	\$81,748	95.0%	76	Cast Iron	3	T3	6000	23316	
400	3600*	5010	2300	\$74,440	95.0%	85	Fab. Steel	3	T3	4800	23317	16, 17
	1800	5010	2300	\$66,275	95.0%	83	Fab. Steel	3	T3	4800	23318	16, 17
	1200	5010	2300	\$73,745	95.0%	76	Fab. Steel	3	T3	4800	23319	17
	900	5810	2300	\$90,519	95.0%	75	Fab. Steel	3	T3	7700	23320	17
450	3600*	5012	2300	\$79,645	95.0%	85	Fab. Steel	3	T3	6000	23321	16, 17
	1800	5010	2300	\$70,127	95.4%	83	Fab. Steel	3	T3	4800	23322	16, 17
	1200	5012	2300	\$78,590	95.4%	76	Fab. Steel	3	T3	6000	23323	17
	900	5810	2300	\$96,842	95.0%	75	Fab. Steel	3	T3	7700	23324	17
500	3600*	5012	2300	\$85,153	95.0%	85	Fab. Steel	3	T3	6000	23225	16, 17
	1800	5012	2300	\$73,706	95.8%	83	Fab. Steel	3	T3	6000	23226	16, 17
	1200	5012	2300	\$88,925	95.8%	76	Fab. Steel	3	T3	6000	23227	17
	900	5812	2300	\$101,168	95.0%	75	Fab. Steel	3	T3	9300	23228	17

Notes:

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- Division 2 Suitable
- 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®1 Design B
- Re-Greasable Ball Bearings
- Insulated Bearing - Opposite Drive End
- INPRO/SEALS®† on Both Ends
- Non-Witnessed IEEE-841™ Enhanced No Load Test
- 2 Year Warranty

HP	RPM @ 60 Hz	Frame	Voltage	List	Full Load NNE	Typ. Sound Pressure Level @ 1M (dBA)	Fan Cover Material	Main Box Size	Div. 2 T-Code	Ship Weight	MN Reference	Notes
250	3600*	5010	4000	\$67,719	95.0%	85	Fab. Steel	3L	T3	4800	23329	16, 17
	1800*	5008	4000	\$63,264	95.0%	83	Fab. Steel	3L	T3	4000	23330	16, 17
	1200	5008	4000	\$64,727	95.0%	76	Cast Iron	3L	T3	4000	23331	
	900	5012	4000	\$77,816	95.0%	73	Cast Iron	3L	T3	4800	23332	
300	3600*	5010	4000	\$72,377	95.0%	85	Fab. Steel	3L	T3	4800	23333	16, 17
	1800	5008	4000	\$66,269	95.0%	83	Fab. Steel	3L	T3	4000	23334	16, 17
	1200	5010	4000	\$69,821	95.0%	76	Fab. Steel	3L	T3	4800	23335	17
	900	5012	4000	\$84,277	95.0%	73	Cast Iron	3L	T3	4800	23336	
350	3600*	5010	4000	\$75,943	95.0%	85	Fab. Steel	3L	T3	4800	23337	16, 17
	1800	5010	4000	\$68,239	95.0%	83	Fab. Steel	3L	T3	4800	23338	16, 17
	1200	5010	4000	\$78,053	95.0%	76	Fab. Steel	3L	T3	4800	23339	17
	900	5012	4000	\$89,819	95.0%	76	Cast Iron	3L	T3	6000	23340	
400	3600*	5010	4000	\$81,969	95.0%	85	Fab. Steel	3L	T3	4800	23341	16, 17
	1800	5010	4000	\$73,343	95.0%	83	Fab. Steel	3L	T3	4800	23342	16, 17
	1200	5010	4000	\$81,229	95.0%	76	Fab. Steel	3L	T3	4800	23343	17
	900	5812	4000	\$103,171	95.0%	75	Fab. Steel	3L	T3	7700	23344	17
450	3600*	5012	4000	\$87,464	95.0%	85	Fab. Steel	3L	T3	6000	23345	16, 17
	1800	5010	4000	\$77,411	95.4%	83	Fab. Steel	3L	T3	4800	23346	16, 17
	1200	5012	4000	\$86,344	95.4%	76	Fab. Steel	3L	T3	6000	23347	17
	900	5812	4000	\$107,441	95.0%	75	Fab. Steel	3L	T3	7700	23348	17
500	3600*	5012	4000	\$93,279	95.0%	85	Fab. Steel	3L	T3	6000	23349	16, 17
	1800	5012	4000	\$81,189	95.8%	83	Fab. Steel	3L	T3	6000	23350	16, 17
	1200	5012	4000	\$97,252	95.8%	76	Fab. Steel	3L	T3	6000	23351	17
	900	5812	4000	\$110,063	95.0%	75	Cast Iron	3L	T3	9300	23352	

Notes:

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