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	$32,434	94.1%	79	Cast Iron	2	T3	2400	23270	
200	900	449@	460	$34,748	94.5%	79	Cast Iron	2	T3	2400	23272	
250	1200	449@	460	$34,901	95.8%	81	Cast Iron	2	T3	2400	23275	
	900	5010@	460	$48,349	95.0%	82	Cast Iron	3	T3	4800	23277	
300	3600*	449@	460	$37,929	95.8%	85	Cast Iron	2	T3	2400	23278	
	1200	449@	460	$37,680	95.8%	81	Cast Iron	2	T3	2400	23281	
	900	5010	460	$54,013	95.0%	82	Cast Iron	3	T3	4800	23283	
350	3600*	5008@	460	$50,336	95.8%	85	Fab. Steel	3	T3	4000	23285	17
	1800	449@	460	$36,956	96.2%	85	Cast Iron	2.5	T3	2400	23286	
	1200	5010@	460	$52,193	95.8%	80	Cast Iron	3	T3	4800	23287	
	900	5010	460	$59,114	95.0%	82	Cast Iron	3	T3	4800	23288	
400	3600*	5008@	460	$54,510	95.8%	85	Fab. Steel	3	T3	4000	23290	17
	1800	5008@	460	$46,617	96.2%	85	Cast Iron	3	T3	4000	23292	
	1200	5010	460	$58,654	95.8%	80	Cast Iron	3	T3	4800	23293	
	900	5810	460	$69,304	95.0%	85	Cast Iron	3	T3	7700	23295	
450	3600*	5010@	460	$61,074	95.8%	85	Fab. Steel	3	T3	4800	23296	17
	1800	5010@	460	$52,325	96.2%	85	Cast Iron	3	T3	4800	23297	
	1200	5012	460	$64,475	95.8%	80	Cast Iron	3	T3	6000	23298	
	900	5810	460	$71,079	95.0%	85	Cast Iron	3	T3	7700	23299	
500	3600*	5012@	460	$75,569	95.8%	85	Fab. Steel	3	T3	6000	23300	17
	1800	5010@	460	$57,969	96.2%	85	Cast Iron	3	T3	4800	23301	
	1200	5810	460	$69,170	95.8%	80	Cast Iron	3	T3	7700	23303	
	900	5812	460	$86,548	95.0%	85	Cast Iron	3	T3	9300	23304	

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 17 Fabricated steel sound abate fan cover guard

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- 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	$60,243	95.0%	85	Fab. Steel	3	T3	4800	23305	17
	1800	449	2300	$42,332	95.0%	85	Cast Iron	2	T3	2400	23306	
	1200	5008	2300	$58,913	95.0%	77	Cast Iron	3	T3	4000	23307	
	900	5010	2300	$69,567	94.1%	82	Cast Iron	3	T3	4800	23308	
300	3600*	5010	2300	$64,656	95.0%	85	Fab. Steel	3	T3	4800	23309	17
	1800	5008	2300	$57,967	95.0%	85	Cast Iron	3	T3	4000	23310	
	1200	5010	2300	$61,994	95.0%	80	Cast Iron	3	T3	4800	23311	
	900	5010	2300	$75,690	94.1%	82	Cast Iron	3	T3	4800	23312	
350	3600*	5010	2300	$68,035	95.0%	85	Fab. Steel	3	T3	4800	23313	17
	1800	5010	2300	$59,834	95.0%	85	Cast Iron	3	T3	4800	23314	
	1200	5010	2300	$67,386	95.0%	80	Cast Iron	3	T3	4800	23315	
	900	5012	2300	$80,938	94.1%	82	Cast Iron	3	T3	6000	23316	
400	3600*	5010	2300	$73,745	95.0%	85	Fab. Steel	3	T3	4800	23317	17
	1800	5010	2300	$64,670	95.0%	85	Cast Iron	3	T3	4800	23318	
	1200	5010	2300	$70,395	95.0%	80	Cast Iron	3	T3	4800	23319	
	900	5810	2300	$86,699	94.1%	85	Cast Iron	3	T3	7700	23320	
450	3600*	5012	2300	$78,950	95.0%	85	Fab. Steel	3	T3	6000	23321	17
	1800	5010	2300	$68,522	95.0%	85	Cast Iron	3	T3	4800	23322	
	1200	5012	2300	$75,240	95.0%	80	Cast Iron	3	T3	6000	23323	
	900	5810	2300	$93,022	94.1%	85	Cast Iron	3	T3	7700	23324	
500	3600*	5012	2300	$84,458	95.0%	85	Fab. Steel	3	T3	6000	23225	17
	1800	5012	2300	$72,101	95.0%	85	Cast Iron	3	T3	6000	23226	
	1200	5012	2300	$85,575	95.0%	80	Cast Iron	3	T3	6000	23227	
	900	5812	2300	$97,348	94.1%	85	Cast Iron	3	T3	9300	23228	

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- 40°C Ambient, Max 3,300 F.A.S.L.
- NEMA®† 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	$65,324	95.0%	85	Fab. Steel	3L	T3	4800	23329	17
	1800*	5008	4000	$49,606	95.0%	85	Cast Iron	3L	T3	4000	23330	
	1200	5008	4000	$62,217	95.0%	80	Cast Iron	3L	T3	4000	23331	
	900	5012	4000	$75,306	94.1%	82	Cast Iron	3L	T3	4800	23332	
300	3600*	5010	4000	$69,982	95.0%	85	Fab. Steel	3L	T3	4800	23333	17
	1800	5008	4000	$62,964	95.0%	85	Cast Iron	3L	T3	4000	23334	
	1200	5010	4000	$67,311	95.0%	80	Cast Iron	3L	T3	4800	23335	
	900	5012	4000	$81,767	94.1%	82	Cast Iron	3L	T3	4800	23336	
350	3600*	5010	4000	$73,548	95.0%	85	Fab. Steel	3L	T3	4800	23337	17
	1800	5010	4000	$64,934	95.0%	85	Cast Iron	3L	T3	4800	23338	
	1200	5010	4000	$73,003	95.0%	80	Cast Iron	3L	T3	4800	23339	
	900	5012	4000	$87,309	94.1%	82	Cast Iron	3L	T3	6000	23340	
400	3600*	5010	4000	$79,574	95.0%	85	Fab. Steel	3L	T3	4800	23341	17
	1800	5010	4000	$70,038	95.0%	85	Cast Iron	3L	T3	4800	23342	
	1200	5010	4000	$76,179	95.0%	80	Cast Iron	3L	T3	4800	23343	
	900	5812	4000	$93,301	94.1%	85	Cast Iron	3L	T3	7700	23344	
450	3600*	5012	4000	$85,069	95.0%	85	Fab. Steel	3L	T3	6000	23345	17
	1800	5010	4000	$74,106	95.0%	85	Cast Iron	3L	T3	4800	23346	
	1200	5012	4000	$81,294	95.0%	80	Cast Iron	3L	T3	6000	23347	
	900	5812	4000	$99,976	94.1%	85	Cast Iron	3L	T3	7700	23348	
500	3600*	5012	4000	$90,884	95.0%	85	Fab. Steel	3L	T3	6000	23349	17
	1800	5012	4000	$77,884	95.0%	85	Cast Iron	3L	T3	6000	23350	
	1200	5012	4000	$92,202	95.0%	80	Cast Iron	3L	T3	6000	23351	
	900	5812	4000	$104,543	94.1%	85	Cast Iron	3L	T3	9300	23352	

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