

PRODUCT INFORMATION PACKET



Model No: LM33983

Catalog No: LM33983

LM33983..125HP..3600RPM.404TZ.DP.230/460VAC.3PH.60HZ..40C.1.25SF.RIGID.....

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Nameplate Specifications

Phase	3	Output HP	125 & 100 Hp
Output KW	93.0 & 75.0 kW	Voltage	230/460 & 190-208/380-415 V
Speed	3570 & 2972 rpm	Service Factor	1.25 & 1.15
Frame	404TS	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	95 & 94.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	276/138 & 268-258/134-129 A	Power Factor	90
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6315	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	2	Rotation	Reversible
Resistance Main	.031 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	TS	Assembly/Box Mounting	F1 ONLY
Outline Drawing	XJ2D1SS2-1735	Connection Drawing	A-EE7308AA-LN

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													TOLERANCES UNLESS SPECIFIED				DRAWN NJS 01-17-2002				
													DEC. INCHES				CHK DRS 01-31-2002				
													.X ±.1		TITLE OUTLINE NEMA MOTORS 400TS ODP UE		APPD HNH 02-01-2002				
													.XX ±.03				SCALE 1=6				
													.XXX ±.005		MAT'L		REF				
1735	404TS	29.18	----	15.94	12.25	----	----	11.74	1	NEW DRAWING MU40181	NJS 02-01-2002	HNH	.XXX	±.005	FMF						
1885	405TS	30.68	----	17.25	13.75	10.75	10.75	13.24	NO.	REVISION	BY & DATE	CHK	ANG	±7°30"	FINISH	PREV					
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DASH	FRAME	C	AG	B	2F	2FF	2FFF	BS													

T12 _____
 T1 _____
 T6 _____ L1
 T7 _____

T2 _____
 T4 _____
 T8 _____ L2
 T10 _____

T3 _____
 T5 _____
 T9 _____ L3
 T11 _____

LOW VOLTAGE

T12 _____ L1
 T1 _____

T4 _____
 T7 _____

T2 _____ L2
 T10 _____

T5 _____
 T8 _____

T3 _____ L3
 T11 _____

T6 _____
 T9 _____

HIGH VOLTAGE



VIEW OF TERMINAL END

					✓ UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±.02 XXX±.005 XXXX±.0005 ANGLES± 7°30"		
2	08-09-1999	RE-ISSUE, ADDED '-' TO PART NUMBER	BLR		MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED		DRAWN BY TRB 07-16-1999
					FINISH		CHKD BY ML 06-18-1999
1	06-18-1999	NEW DRAWING	TRB		MATERIAL		APPD BY GK 06-18-1999
REV	DATE	CHANGE	NAME	PART NAME 3 PHASE CONNECTION DIAGRAM 2/1 DELTA - 12 LEADS			DRWG NO A- EE7308AA-LN
				PURCHASED	CADD FILE NO.	EE7308AALN	

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OFFENDING COMMAND: Pscrip

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