

PRODUCT INFORMATION PACKET

Model No: 080T17FH15327
Catalog No: R313A
1,1800,TEFC,80,3/60/230/460
TEFC



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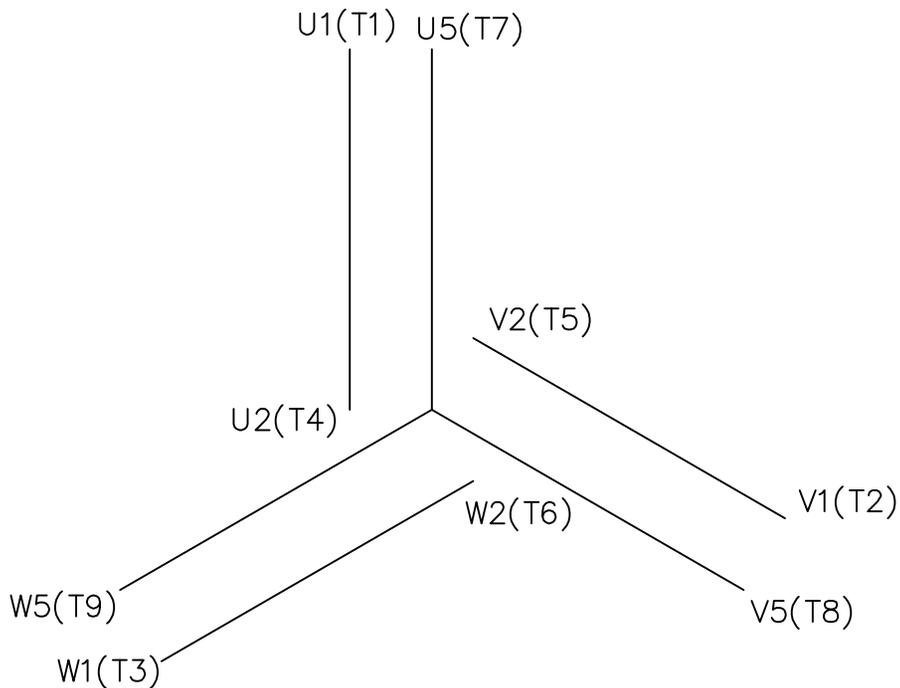
Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	230/460 V
Current	3.0/1.5 A	Speed	1740 rpm
Service Factor	1.15	Phase	3
Efficiency	85.5 %	Duty	CONTINUOUS
Insulation Class	F	Design Code	NO DESIGN CODE
KVA Code	J	Frame	D80
Enclosure	TEFC	Overload Protector	NOT
Ambient Temperature	40 °C	Drive End Bearing Size	6204
Opp Drive End Bearing Size	6204	UL	Recognized
CSA	Y	CE	Y
IP Code	55		

Technical Specifications

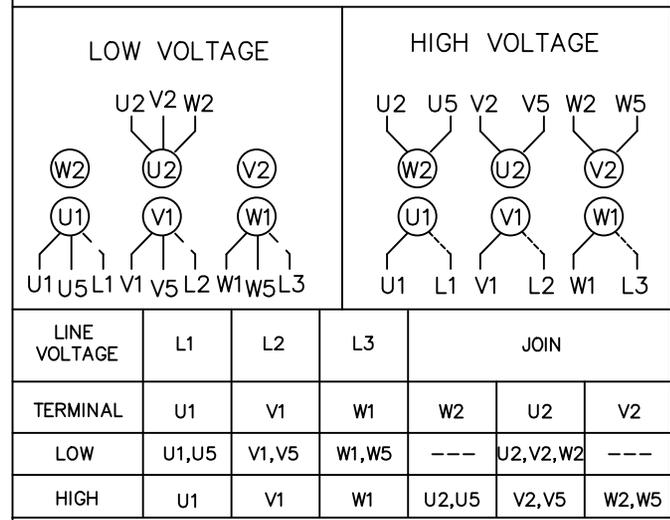
Electrical Type	SQ CAGE IND RUN	Starting Method	ACROSS THE LINE
Poles	4	Rotation	REV
Mounting	RIGID	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	ALUMINUM	Shaft Type	STANDARD IEC
Overall Length	11.88 in	Shaft Diameter	0.75 in
Shaft Extension	1.57 in	Assembly/Box Mounting	F3
Outline Drawing	039071-R313A	Connection Diagram	00546501ME

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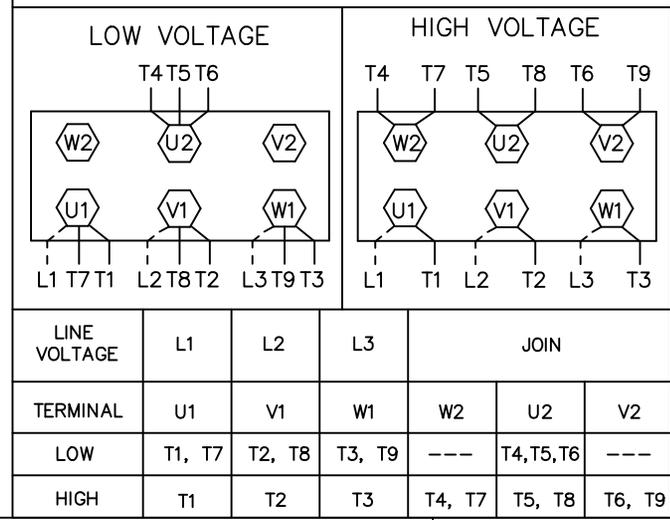


REF. DECAL (IEC) 080644
REF. DECAL (NEMA) 080446

IEC MARKINGS



NEMA MARKINGS



		TOLERANCES UNLESS SPECIFIED				DRAWN JGO 3/10/04			
		DEC.	INCHES			CHK SB 02-17-2010			
		.X	±.1			APPD MJS 02-17-2010			
		.XX	±.01			SCALE 1=1			
		.XXX	±.005			REF			
		.XXXX	±.0005	MAT'L. IEC/NEMA MARKINGS		FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH	PREV		
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT			RFP	02-17-2010	CAD FILE	00546501ME	SIZE A	DRAWING NO. 005465ME-01	REV.

CERTIFICATION DATA SHEET

Model#: 80T17FH15327 A **WINDING#:** QT8047 FR 3
CONN. DIAGRAM: 00546501ME **ASSEMBLY:** F3
OUTLINE: 039071

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1&1	.75&.75	1800	1740&1420	D80	TEFC	J	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#200/400	3.0/1.5&3.4/1.7	ACROSS THE LINE	CONTINUOUS	F5	1.15/1.15	40	3300

FULL LOAD EFF: 85.5&82.5	3/4 LOAD EFF: 84.9	1/2 LOAD EFF: 85.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 72&73	3/4 LOAD PF: 68	1/2 LOAD PF: 55.6	0	SQ CAGE IND RUN	1.7 / .9

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
3 LB-FT	19.8 / 9.9	8.5 LB-FT 283	10 LB-FT 333	0

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.63 LB-FT^2	0 LB-FT^2	0 SEC.	0	0 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	STANDARD IEC	NONE	NONE	AISI 1045 (C-240)	ALUMINUM
6204	6204						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

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