

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 071T17V5329
Catalog No: R722
1/2,1800,TENV,IEC 71,3/60/208-230/460
Washdown Duty



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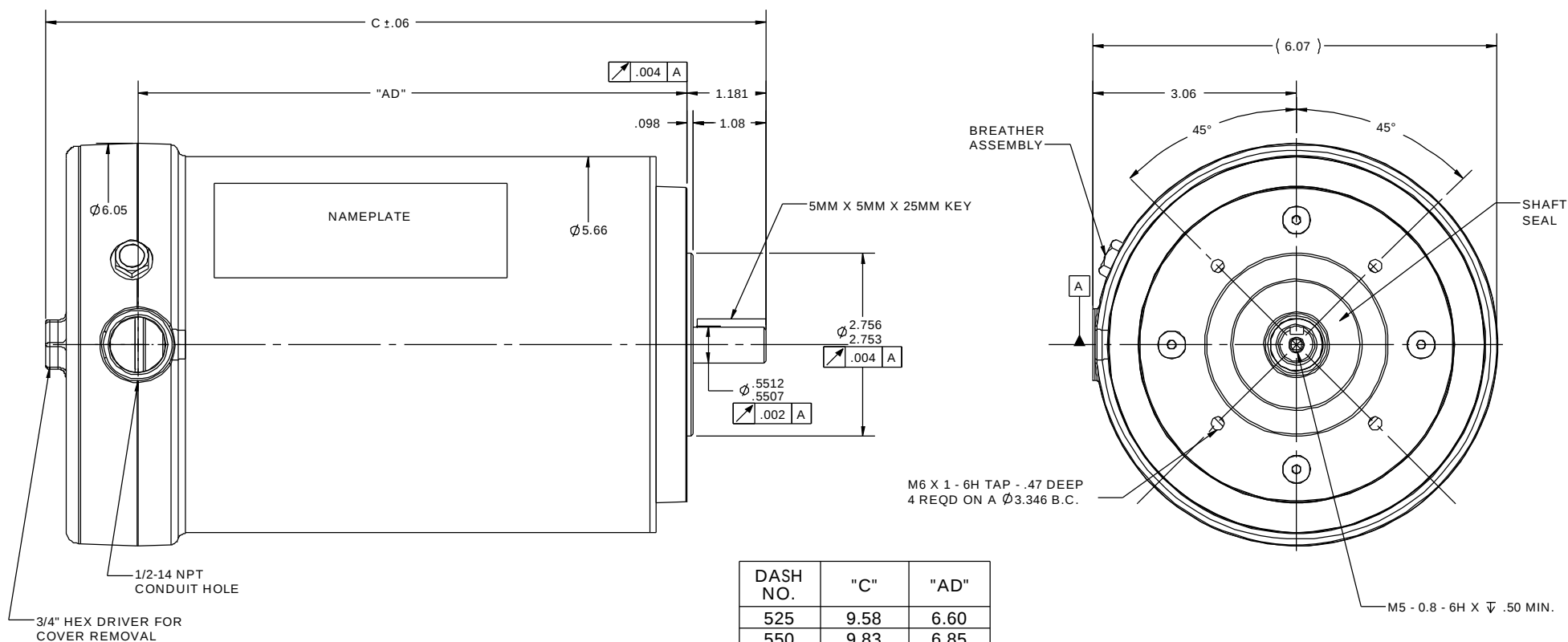
Nameplate Specifications

Output HP	0.5 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	1.9-1.8/0.9 A	Speed	1725 rpm
Service Factor	1.15	Phase	3
Efficiency	76 %	Duty	CONTINUOUS
Insulation Class	F	Design Code	B
KVA Code	K	Frame	71
Enclosure	TENV	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	56		

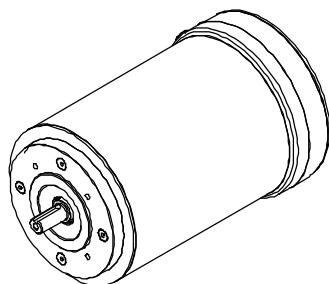
Technical Specifications

Electrical Type	SQ CAGE IND RUN	Starting Method	ACROSS THE LINE
Poles	4	Rotation	REV
Mounting	ROUND	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	STAINLESS STEEL	Shaft Type	STANDARD IEC
Overall Length	11.58 in	Shaft Diameter	0.56 in
Shaft Extension	1.18 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	031993ME-725	Connection Diagram	005010.01ME

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DASH NO.	"C"	"AD"
525	9.58	6.60
550	9.83	6.85
575	10.08	7.10
600	10.33	7.35
625	10.58	7.60
650	10.83	7.85
675	11.08	8.10
700	11.33	8.35
725	11.58	8.60
750	11.83	8.85
775	12.08	9.10
800	12.33	9.35



NO		REVISION		BY & DATE		TOLERANCES UNLESS SPECIFIED DEC INCHES				DRAWN PVR 10/08/13	
						X $\pm .1$				CHK JD 10/08/13	
						XX $\pm .03$		TITLE OUTLINE - STAINLESS STEEL		APPR	
						XXX $\pm .005$		IEC 71 - B14 FRAME		SCALE 1:4	
						XXXX $\pm .0005$		MAT'L		REF 031993	
						FINISH				FMF 071717/5328	
						RFP		PREV		PAGE OF	
						CHK ANG $\pm 1/2^\circ$		SIZE B		DRAWING NO 031993ME	
						NETWORK FILE NAME 031993ME				REV	

CERTIFICATION DATA SHEET

Model#: 71T17V5329 A **WINDING#:** T55464 NR 3
CONN. DIAGRAM: 005010.01ME **ASSEMBLY:** F1 ONLY
OUTLINE: 031993ME-725

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/2&1/2	.37&.37	1800	1725&1425	71	TENV	K	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	208- 230/460#190/ 380	1.9- 1.8/0.9&1.9/0. 95	ACROSS THE LINE	CONTINUOU S	F4	1.15/1.0	40	3300

FULL LOAD EFF: 76&78.5	3/4 LOAD EFF: 73.8	1/2 LOAD EFF: 69.1	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 74&81.2	3/4 LOAD PF: 67	1/2 LOAD PF: 55.4	0	SQ CAGE IND RUN	1 / .5

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
24 LB-FT	10.6 / 5.3	106 LB-FT 442	100 LB-FT 417	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 LB-FT^2	0 LB-FT^2	10 SEC.	0	0 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
B14	STANDARD	ROUND	HORIZONTAL	FALSE	NONE	FALSE	NONE	NO PAINT

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	STANDARD IEC	NONE	NONE	303 STAINLESS (C-501)	STAINLESS STEEL
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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