

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 256TTDX16078
Catalog No: E734A
10,1200,DP,256T,3/60/230/460
Open Drip Proof (ODP)



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REGAL



Nameplate Specifications

Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	230/460 V
Current	27.4/13.7 A	Speed	1175 rpm
Service Factor	1.15	Phase	3
Efficiency	91.7 %	Duty	CONTINUOUS
Insulation Class	F	Design Code	B
KVA Code	G	Frame	256T
Enclosure	DP	Overload Protector	NOT
Ambient Temperature	40 °C	Drive End Bearing Size	6309
Opp Drive End Bearing Size	6207	UL	Recognized
CSA	Y	CE	Y
IP Code	12		

Technical Specifications

Electrical Type	SQ CAGE IND RUN	Starting Method	ACROSS THE LINE
Poles	6	Rotation	REV
Mounting	RIGID	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	ROLLED STEEL	Shaft Type	T
Overall Length	23.9 in	Shaft Diameter	1.63 in
Shaft Extension	4 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	18720401-001	Connection Diagram	80022802

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CERTIFICATION DATA SHEET

Model#:

256TTDX16078 AA

WINDING#:

BHR6T01 NONE 3

CONN. DIAGRAM:

80022802

ASSEMBLY:

F1 ONLY

OUTLINE:

18720401-001

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
10&10	7.50&7.50	1200	1175	256T	DP	G	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#200/400	27.4/13.7&9999/9/9999	ACROSS THE LINE	CONTINUOUS	F4	1.15/1.15	40	3300

FULL LOAD EFF: 91.7	3/4 LOAD EFF: 91.2	1/2 LOAD EFF: 91.2	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 75.5	3/4 LOAD PF: 68.8	1/2 LOAD PF: 57.8	91	SQ CAGE IND RUN	12.4 / 6.2

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
44.5 LB-FT	156 / 78	70.5 LB-FT 158	115.1 LB-FT 258	30

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	15 SEC.	2	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						
6309	6207	POLYREX EM	T	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL

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

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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