

PRODUCT INFORMATION PACKET

Model No: 056B17D15543
Catalog No: G256A
1,1725,DP,56C,1/60/115/230
Open Drip Proof (ODP)



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Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	115/230 V
Current	8.4/4.2 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	81.8 %	Duty	Continuous
Insulation Class	B	Design Code	N
KVA Code	L	Frame	56C
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Round	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	13.06 in	Frame Length	8.25 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 Out ODE Brkt Radial		
Outline Drawing	056B17D15543-S01	Connection Diagram	D0000435-001

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CERTIFICATION DATA SHEET

Model#: 56B17D15543 A **WINDING#:** SS0053728 NONE 3
CONN. DIAGRAM: D0000435-001 **ASSEMBLY:** F1 OUT ODE BRKT
 RADIAL
OUTLINE: 056B17D15543-S01

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN				
1&3/4	.75&.56	1800	1725&1425	56C	DP	L	N				
PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION		
1	60/50	115/230#110/ 220	8.4/4.2&9.8/4. 9	ACROSS THE LINE	CONTINUOU S	B3	1.15/1.0	40	3300		
FULL LOAD EFF: 82.6&78.5		3/4 LOAD EFF: -		1/2 LOAD EFF: -		GTD. EFF		ELEC. TYPE		NO LOAD AMPS	
FULL LOAD PF: 97.5&84.4		3/4 LOAD PF: -		1/2 LOAD PF: -		78.5		CAP START CAP RUN		/	
F.L. TORQUE		LOCKED ROTOR AMPS		L.R. TORQUE		B.D. TORQUE		F.L. RISE°C			
48 LB-FT		61.2 / 30.6		152 LB-FT 0		132.3 LB-FT 0		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		1.5 LB-FT^2		10 SEC.		2	0 LBS.

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

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLACK (POWDER)
BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL	
DE	OPE	POLYREX EM	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL	
BALL	BALL							
6203	6203							
THERMO-PROTECTORS					THERMISTORS	CONTROL	SPACE /n HEATERS	
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs					
NONE	NOT	NONE	NONE	NONE	NONE	FALSE	NONE VOLTS	

If Inverter equals NONE, contact factory for further information

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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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