PRODUCT INFORMATION PACKET

Model No: E297 Catalog No: E297 Close-Coupled Pump Motor, 5.0 HP, 3 Ph, 60 Hz, 230/460 V, 3600 RPM, Y182JP Frame, DP



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Nameplate Specifications

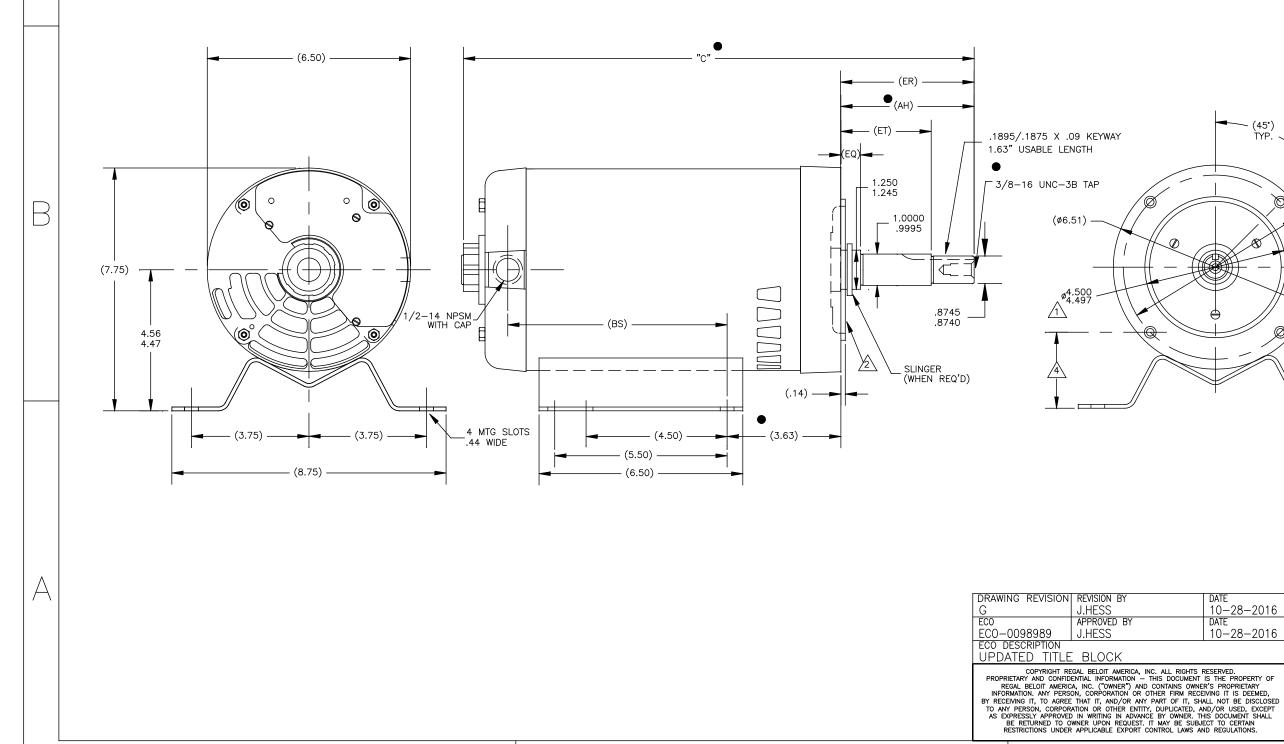
Output HP	5.0 Hp	Output KW	3.7 kW		
Frequency	60 Hz	Voltage	230/460 V		
Current	13.4/6.7 A	Speed	3450/2850 rpm		
Service Factor	1.25	Phase	3		
Duty	Continuous	Insulation Class	F		
Frame	Y182JP	Enclosure	Drip Proof		
Thermal Protection	No Protection	Ambient Temperature	40 °C		
UL	Recognized	CSA	Y		
Number of Speeds	1				

Technical Specifications

Electrical Type	Polyphase, Induction Type, Single Or Dual Voltage	Starting Method	Across The Line	
Poles	2	Rotation	Reversible Counterclockwise	
Mounting	Rigid Base	Drive End Bearing	Ball	
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel	
Shaft Type	Keyed	Overall Length	19.60 in	
Frame Length	9.00 in	Shaft Diameter	1.250 in	
Shaft Extension	7.312 in			
Outline Drawing	114565-S01	Connection Drawing	17050706.PCX	

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	FRAME	TYPE	SHELL LENGTH	С	(BS)	(AH)	(ET)	(EQ)	(ER)
	Y182JM	SC	7.25	14.79	9.10	4.281 4.219	2.890 2.860	.640 .610	4.250 MIN.
	Y182JP	SC	7.25	17.85	9.10	7.344 7.282	5.952 5.922	1.577 1.547	7.312 MIN.
	Y182JM	SC	8.00	15.54	9.85	4.281 4.219	2.890 2.860	.640 .610	4.250 MIN.
	Y182JP	SC	8.00	18.60	9.85	7.344 7.282	5.952 5.922	1.577 1.547	7.312 MIN.
	Y182JM	SC	8.50	16.04	10.35	4.281 4.219	2.890 2.860	.640 .610	4.250 MIN.
	Y182JP	SC	8.50	19.10	10.35	7.344 7.282	5.952 5.922	1.577 1.547	7.312 MIN.
	Y182JM	SC	8.75	16.29	10.60	4.281 4.219	2.890 2.860	.640 .610	4.250 MIN.
	Y182JP	SC	8.75	19.35	10.60	7.344 7.282	5.952 5.922	1.577 1.547	7.312 MIN.
	Y182JM	SC	9.00	16.54	10.85	4.281 4.219	2.890 2.860	.640 .610	4.250 MIN.
	Y182JP	SC	9.00	19.60	10.85	7.344 7.282	5.952 5.922	1.577 1.547	7.312 MIN.



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