

PRODUCT INFORMATION PACKET



Model No: P121

Catalog No: P121

Close-Coupled Pump Motor, 1.0 HP, 1 Ph, 60 Hz, 230/115 V, 1800 RPM, P143JM Frame, DP



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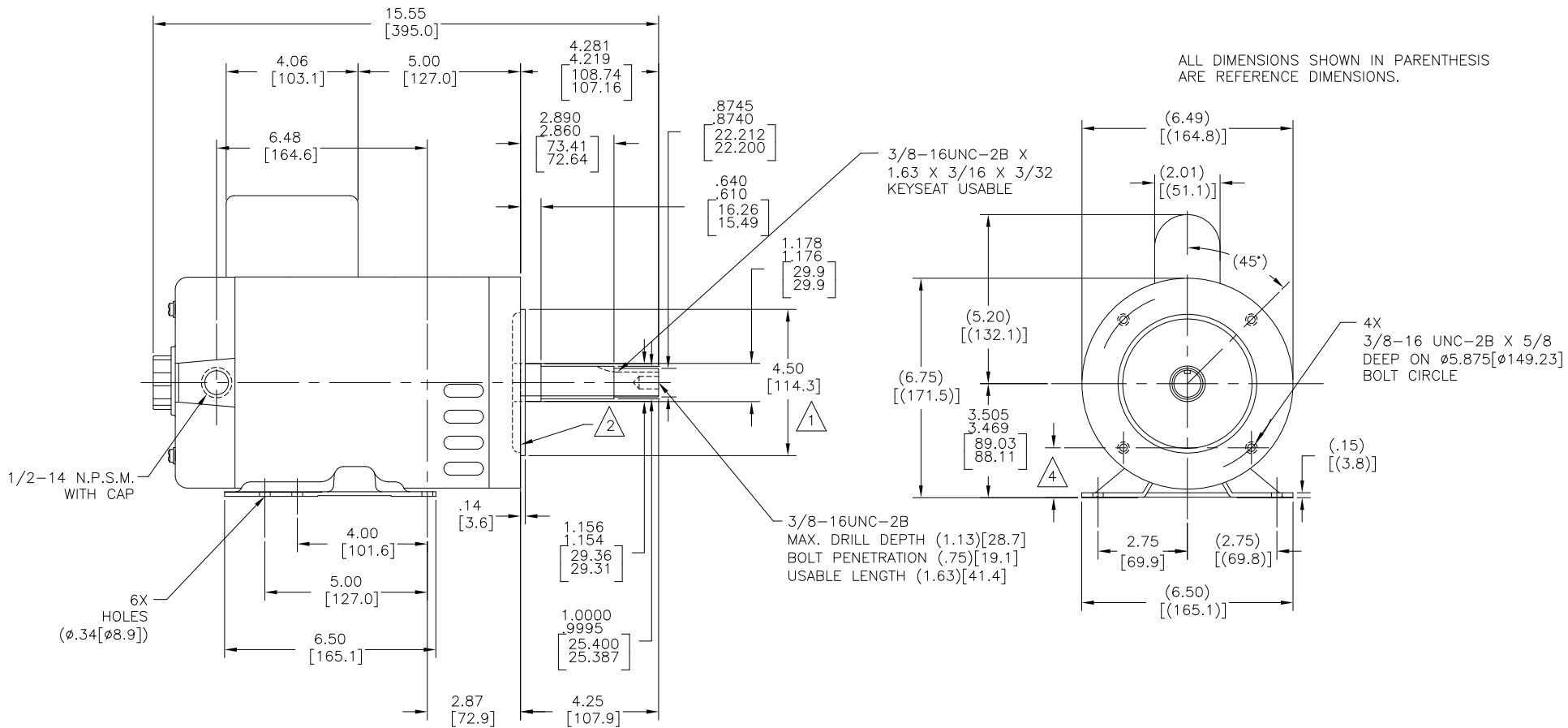
Nameplate Specifications

Phase	1	Output HP	1.0 Hp
Output KW	0.75 kW	Voltage	230/115 V
Speed	1745 rpm	Service Factor	1.15
Frame	P143JM	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Frequency	60 Hz	Current	7.5/15.0 A
Duty	Continuous	Insulation Class	B
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Capacitor Start, Induction Run, Single Or Dual Voltage	Starting Method	Across The Line
Poles	4	Rotation	Reversible Counterclockwise
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Overall Length	15.55 in
Frame Length	8.00 in	Shaft Diameter	1.156 in
Shaft Extension	4.25 in		
Outline Drawing	P121-S01	Connection Drawing	17050320.PCX

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NOTES:

- 1 PILOT DIAMETER IS CONCENTRIC WITH SHAFT CENTERLINE WITHIN .004[.10] T.I.R.
- 2 FACE OF MOUNTING FLANGE IS PERPENDICULAR TO SHAFT CENTERLINE WITHIN .004[.10] T.I.R.
3. SHAFT RUNOUT NOT TO EXCEED .002[.05] T.I.R.
- 4 FOR GRID BASE ONLY: THE 2 BOTTOM HOLES IN THE MOUNTING FLANGE ARE PARALLEL FROM THE BOTTOM OF THE FEET WITHIN .030[.76].
5. END PLAY NOT TO EXCEED .010[.25] MEASURED WITH NO THRUST.
6. BASE ALSO INCLUDES STANDARD 56 H MOUNTING.

DRAWING REVISION		REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED		DRAWN BY:		TYPE		FRAME	
D		SN	09/04/2024	DEC. INCH mm ANGLE		JM RAMIREZ		SC		X145TC	
ECO		APPROVED BY	-	.X ±0.1 (±2.5)		DATE:		ECO		DESCRIPTION	
ECO DESCRIPTION		-		.XX ±0.02 (±0.51)		APPROVED BY:		ECO		MODEL-IHP	
SEE ECO		-		.XXX ±0.005 (±0.127)		DATE:		ECO		OUTLINE	
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REMOVE BURRS & BREAK SHARP EDGES .003/.015 (0.076/.381)		-		CORNER FILLETS .02 (5.1)		DATE:		ECO		PROCESS/FINISH	
MACHINED SURFACES		-		125/32		THIRD ANGLE PROJECTION		ECO		SIZE DWG NO	
mm SHOWN IN [BRACKETS]		-		125/32		THIRD ANGLE PROJECTION		ECO		P121	
1		-		1		THIRD ANGLE PROJECTION		ECO		SHEET	