

PRODUCT INFORMATION PACKET



Model No: H046
Catalog No: H046
1.0 HP General Purpose Motor, 3 phase, 1800 RPM, 200-230/460 V, 56J Frame, ODP
General Purpose Motors



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Nameplate Specifications

Output HP	1.0 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	200-230/460 V
Current	3.4-3.4/1.7 A	Speed	1725 rpm
Service Factor	1.25	Phase	3
Duty	Continuous	Insulation Class	B
Frame	JA56J	Enclosure	Drip Proof
Thermal Protection	None	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Polyphase, Induction Type, 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	Threaded	Overall Length	11.58 in
Frame Length	5.13 in	Shaft Diameter	0.625 in
Shaft Extension	2.57 in		
Outline Drawing	114009-S01	Connection Drawing	18304024.PCX

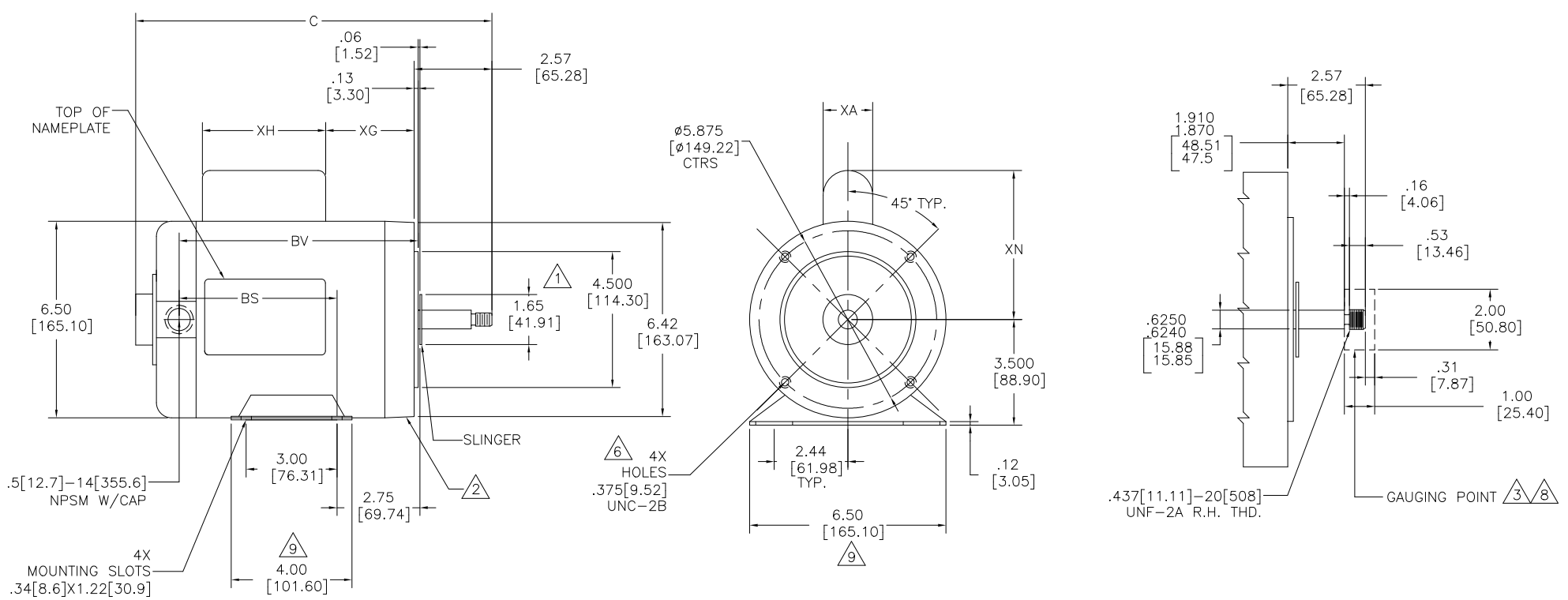
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NOTES:

- 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. END PLAY NOT TO EXCEED .010[.25] MEASURED WITH NO THRUST.
- 5. FOR RIGID BASE ONLY:
THE 2 BOTTOM HOLES IN THE MOUNTING FLANGE ARE PARALLEL FROM THE BOTTOM OF THE FEET WITHIN .030[.76]
- 6. DEPTH OF HOLES IN MOUNTING FLANGE ARE .75[19.0] FOR ALUMINUM .63[16.0] FOR CAST IRON.
- 7. FOR THREADED SHAFT EXTENSION (56J) MATING PARTS SHOULD BE RELIEVED ONE THREAD TO CLEAR FILLET.
- 8. FOR THREADED SHAFT EXTENSION (56J) ECCENTRICITY OF THREADED PORTION OF SHAFT IS HELD WITHIN .004[.10] TOTAL GAGE READING. WITH THE INDICATOR ON O.D. OF GROUND RING GAGE AS SHOWN. THE GAGE BEING STATIONARY WITH RESPECT TO THE ROTOR.
- 9. CAUTION: BASE TO BE ATTACHED WITH SCREWS, DO NOT WELD!!!

DASH NO.	FRAME	TYPE	DIMENSIONS IN INCHES							
			MOTOR			CAPACITOR COVER				
			C	BS	BV	XA	XG	XH	XN	
	B56J	CS/CX	10.33[262.3]	3.75[95.2]	6.32[160.5]	1.64[41.6]	1.47[37.3]	4.08[103.6]	4.87[123.6]	
	B56J	SC	10.33[262.3]							
	H56J	CS/CX	10.58[268.7]	4.00[101.6]	6.57[166.8]	1.64[41.6]	1.72[46.6]	4.08[103.6]	4.87[123.6]	
	H56J	SC	10.58[268.7]							
	J56J	CS/CX	11.58[294.1]	5.00[127]	7.57[192.2]	1.64[41.6]	2.72[69.0]	4.08[103.6]	4.87[123.6]	
	J56J	SC	11.58[294.1]							
01	K56J	CS/CX	11.95[303.5]	5.37[136.3]	7.94[201.6]	1.64[41.6]	3.09[78.4]	4.08[103.6]	4.87[123.6]	
	K56J	SC	11.95[303.5]							
	L56J	CS/CX	12.70[322.5]	6.12[155.4]	8.69[220.7]	1.64[41.6]	3.84[97.5]	4.08[103.6]	4.87[123.6]	
	L56J	SC	12.70[322.5]							
	M56J	CS/CX	13.20[335.2]	6.62[168.1]	9.19[233.4]	1.64[41.6]	4.34[84.8]	4.08[103.6]	4.87[123.6]	
	M56J	SC	13.20[335.2]							

DRAWING REVISION FR ECO ECR-0213318 SEE ECR	REVISION BY D.SURYAWANSHI APPROVED BY	DATE 11/09/2021	TOLERANCES UNLESS OTHERWISE SPECIFIED DEC. INCH mm ANGLE .X ±0.1 [±2.5] ±0.5° .XX ±0.02 [±0.51] .XXX ±0.005 [±0.127] XXXX ±0.0005 [±0.0127] REMOVE BURRS & BREAK SHARP EDGES .003/.015 [0.076/.381] CORNER FILLETS .02 [51] MACHINED SURFACES 125 INCH/mm 3/2 mm SHOWN IN [BRACKETS]	DRAWN BY: PLM DATE: 04-06-1989 APPROVED BY: MLC DATE: 04-17-1989	REGAL™ Regal Beloit America, Inc.
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THIRD ANGLE PROJECTION			SIZE DWG NO C 114009	SHEET 1	

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