PRODUCT INFORMATION PACKET

Model No: H712
Catalog No: H712
2.0 HP 2 speed General Purpose Motor, 3 phase, 3600/3600 RPM, 200-230/460 V, 56J Frame, ODP
General Purpose Motors

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Nameplate Specifications

Output HP	2.0 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	200-230/460 V
Current	6.0-5.5/2.75 A	Speed	3450/2850 rpm
Service Factor	1.2	Phase	3
Duty	Continuous	Insulation Class	B
Frame	K56J	Enclosure	Drip Proof
Thermal Protection	None	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	2

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	Threaded	Overall Length	11.95 in
Frame Length	5.50 in	Shaft Diameter	0.625 in
Shaft Extension	2.58 in		
Connection Drawing	18304024.PCX	Outline Drawing	H712-S01

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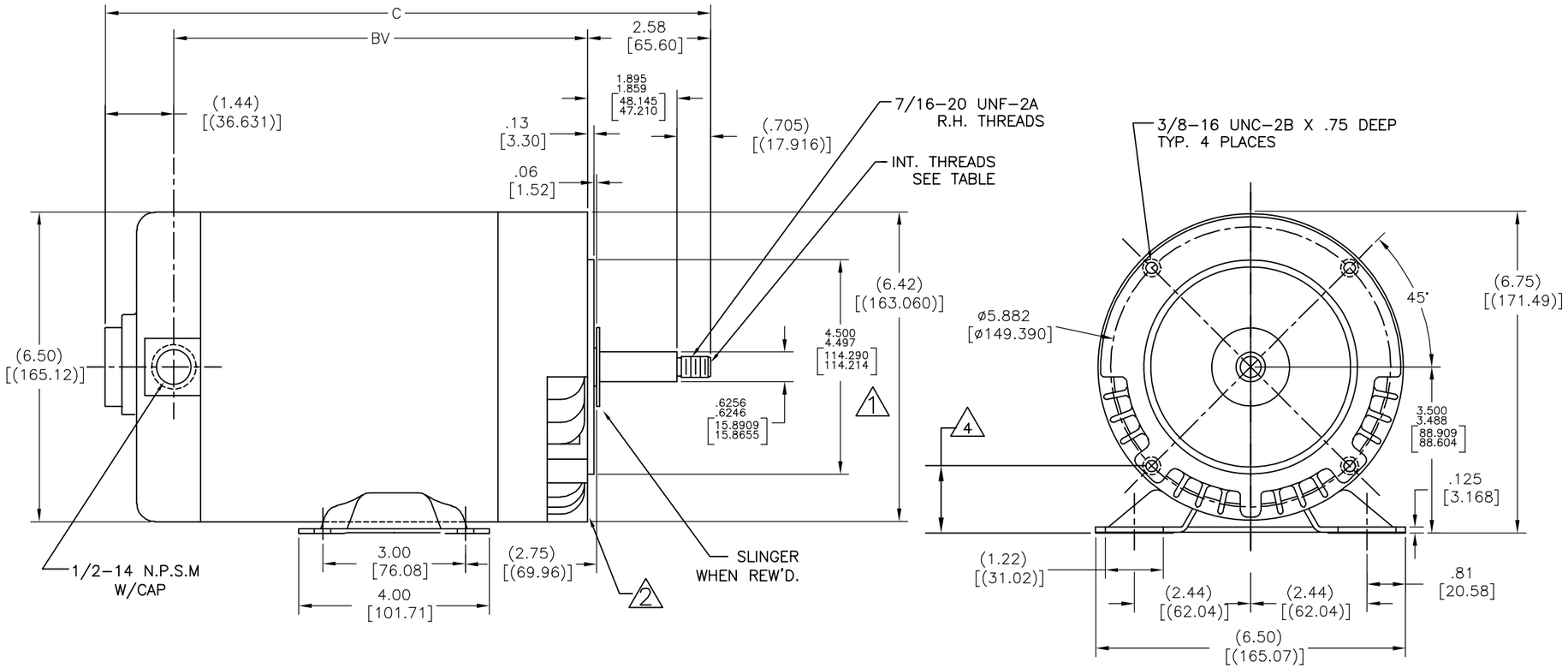

NOTES:

1. PILOT DIAMETER IS CONCENTRIC WITH SHAFT CENTERLINE WITHIN .004 T.I.R.
2. FACE OF MOUNTING FLANGE IS PERPENDICULAR TO SHAFT CENTERLINE WITHIN .004 T.I.R.
3. SHAFT RUNOUT NOT TO EXCEED .002 T.I.R.
4. FOR RIGID BASE ONLY: THE 2 BOTTOM HOLES IN THE MOUNTING FLANGE ARE PARALLEL FROM THE BOTTOM OF THE FEET WITHIN .030
5. FOR THREADED SHAFT EXT. MATING PARTS SHOULD BE RELIEVED ONE THREAD TO CLEAR FILLET
6. FOR THREADED SHAFT EXT. ECCENTRICITY OF THREADED PORTION OF SHAFT IS HELD WITHIN .004 TOTAL GAGE READING WITH THE INDICATOR ON O.D. OF GROUND RING GAGE AS SHOWN. THE GAGE BEING STATIONARY WITH RESPECT TO THE ROTOR.
7. END PLAY NOT TO EXCEED .010 MEASURED WITH NO THRUST

H712	SC	K56J	11.95	7.93	
MODEL	TYPE	FRAME	C	BV	INT. THREAD

DRAWING REVISION	REVISION BY	DATE
A	D.DUARTE	04–25–2014
ECO	APPROVED BY	DATE
ECO–0049850	D.VALENCIANO	04–25–2014
ECO DESCRIPTION		
SEE ECO		

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TOLERANCES UNLESS OTHERWISE SPECIFIED

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.02	[±0.81]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES .003/.015 [.076/.381]
CORNER FILLETS .02 [.51]
MACHINED SURFACES 125 INCH / 3.2 mm
mm SHOWN IN [BRACKETS]

DRAWN BY: SVR
DATE: 08–25–1993
APPROVED BY: SAS
DATE: 08–30–1993
PROCESS/FINISH: .
THIRD ANGLE PROJECTION

Regal Beloit America, Inc.

DESCRIPTION: OUTLINE
MATERIAL: .

SIZE	DWG NO	SHEET
C	H712	1