

# PRODUCT INFORMATION PACKET



Model No: H751ES  
Catalog No: H751ES

General Purpose Motor, 1.5 HP, 3 Ph, 60 Hz, 230/460 V, 3600 RPM, K56C Frame, TEFC



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**Nameplate Specifications**

Output HP	1.5 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	230/460 V
Current	4.0/2.0 A	Speed	3450 rpm
Service Factor	1.15	Phase	3
Efficiency	84 %	Duty	Continuous
Insulation Class	B	Frame	K56C
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	No Protection
Ambient Temperature	40 °C	UL	Recognized
CSA	Y	CE	Y
Number of Speeds	1		

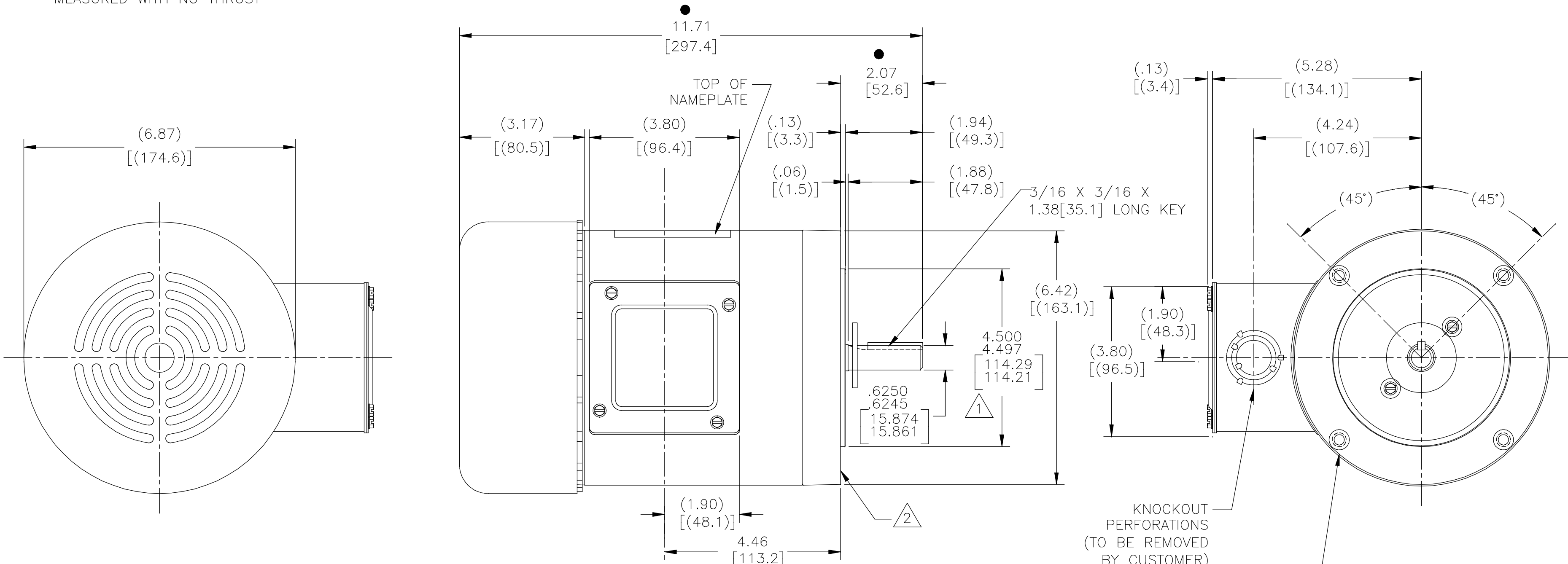
**Technical Specifications**

Electrical Type	Polyphase, Induction Type, Single Or Dual Voltage	Starting Method	Across The Line
Poles	2	Rotation	Reversible Counterclockwise
Mounting	Round	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	11.71 in
Frame Length	5.50 in	Shaft Diameter	0.625 in
Shaft Extension	2.07 in		
Outline Drawing	H751ES-S01	Connection Drawing	18304024.PCX

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NOTES:

- 1. PILOT DIAMETER IS CONCENTRIC WITH SHAFT CENTERLINE WITHIN .004[.10] T.I.R. ALL DIMENSIONS SHOWN IN PARENTHESIS ARE REFERENCE DIMENSIONS.
- 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



KNOCKOUT PERFORATIONS (TO BE REMOVED BY CUSTOMER)

3/8-16 UNC-2B ON A (ø5.875)[(ø149.23)] B.C.

● = CRITICAL DIMENSION

NAMEPLATE DATA	EXTERNAL CONNECTION DIAGRAM	NOTES						
MODEL: H751ES CUST PN: P56AH810A01.. HP: 1.5 SF: 1.15 ROT: RCC RPM: 3450 TYPE: SC CODE: M FORM: FRAME: K56C VOLTS: 230/460 AMPS: 4.0/2.0 MAX AMPS: - SF AMPS: 4.4/2.2 PH: 3 HZ: 60 INS: B AMB: 40°C DUTY: CONT ENCLOSURE: TEFC	<table border="1"> <tr> <th>LOW VOLTAGE</th> <th>TO REVERSE, INTER-CHANGE ANY TWO LINE LEADS.</th> <th>HIGH VOLTAGE</th> </tr> <tr> <td>                     4-BROWN                      5-ORANGE                      6-BLACK                      1-RED                      7-PURPLE                      2-WHITE                      8-GRAY                      3-BLUE                      9-PINK                 </td> <td> </td> <td>                     4-BROWN                      7-PURPLE                      5-ORANGE                      8-GRAY                      6-BLACK                      9-PINK                      1-RED                      2-WHITE                      3-BLUE                 </td> </tr> </table>	LOW VOLTAGE	TO REVERSE, INTER-CHANGE ANY TWO LINE LEADS.	HIGH VOLTAGE	4-BROWN 5-ORANGE 6-BLACK 1-RED 7-PURPLE 2-WHITE 8-GRAY 3-BLUE 9-PINK		4-BROWN 7-PURPLE 5-ORANGE 8-GRAY 6-BLACK 9-PINK 1-RED 2-WHITE 3-BLUE	<ul style="list-style-type: none"> <li>1. PILOT DIAMETER IS CONCENTRIC WITH SHAFT CENTERLINE WITHIN .004 T.I.R.</li> <li>2. FACE OF MOUNTING FLANGE IS PERPENDICULAR TO SHAFT CENTERLINE WITHIN .004 T.I.R.</li> <li>3. SHAFT RUNOUT NOT TO EXCEED .002 T.I.R.</li> <li>4. FOR THREADED SHAFT EXT. MATING PARTS SHOULD BE RELIEVED ONE THREAD TO CLEAR FILLET.</li> <li>5. 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 AS SHOWN. THE GAGE BEING STATIONARY WITH RESPECT TO THE ROTOR.</li> <li>6. END PLAY NOT TO EXCEED .010 MEASURED WITH NO THRUST</li> <li>7. ALL DIMENSIONS SHOWN IN PARENTHESIS ARE REFERENCE DIMENSIONS.</li> </ul>
LOW VOLTAGE	TO REVERSE, INTER-CHANGE ANY TWO LINE LEADS.	HIGH VOLTAGE						
4-BROWN 5-ORANGE 6-BLACK 1-RED 7-PURPLE 2-WHITE 8-GRAY 3-BLUE 9-PINK		4-BROWN 7-PURPLE 5-ORANGE 8-GRAY 6-BLACK 9-PINK 1-RED 2-WHITE 3-BLUE						

PERFORMANCE CURVE	APPROVED SAMPLE		
SS0098312	CSA		
UL COMPONENT	CSA		
FILE#	CCN#	FILE#	GUIDE#
E44549	PRGY2	LR4642	4211-01
CUSTOMER	REGAL DISTRIBUTION		

DRAWING REVISION	REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY:	Regal Beloit America, Inc.
B	D.SURYAWANSHI	07/11/2019	DEC. INCH mm ANGLE	M.RODARTE	
ECO	APPROVED BY	DATE	.X ±0.1 [±2.5] ±0.5°	DATE: 03-14-2016	
ECO-0170381			.XX ±0.02 [±0.51]	APPROVED BY: M.RODARTE	
ECO DESCRIPTION			.XXX ±0.005 [±0.127]	DATE: 03-14-2016	DESCRIPTION MODEL-CFHP-56FR OUTLINE
UPDATED PER ECO-0170381			.XXXX ±0.0005 [±0.0127]	REFERENCE	
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			CORNER FILLETS .02 [.51]	SIZE DWG NO	H751ES
			MACHINED SURFACES 125/3.2	SHEET	1
			mm SHOWN IN [BRACKETS]		