

# PRODUCT INFORMATION PACKET



Model No:  
Catalog No: SQG1202A  
MODEL-PFHP-48FR  
Induction Motors



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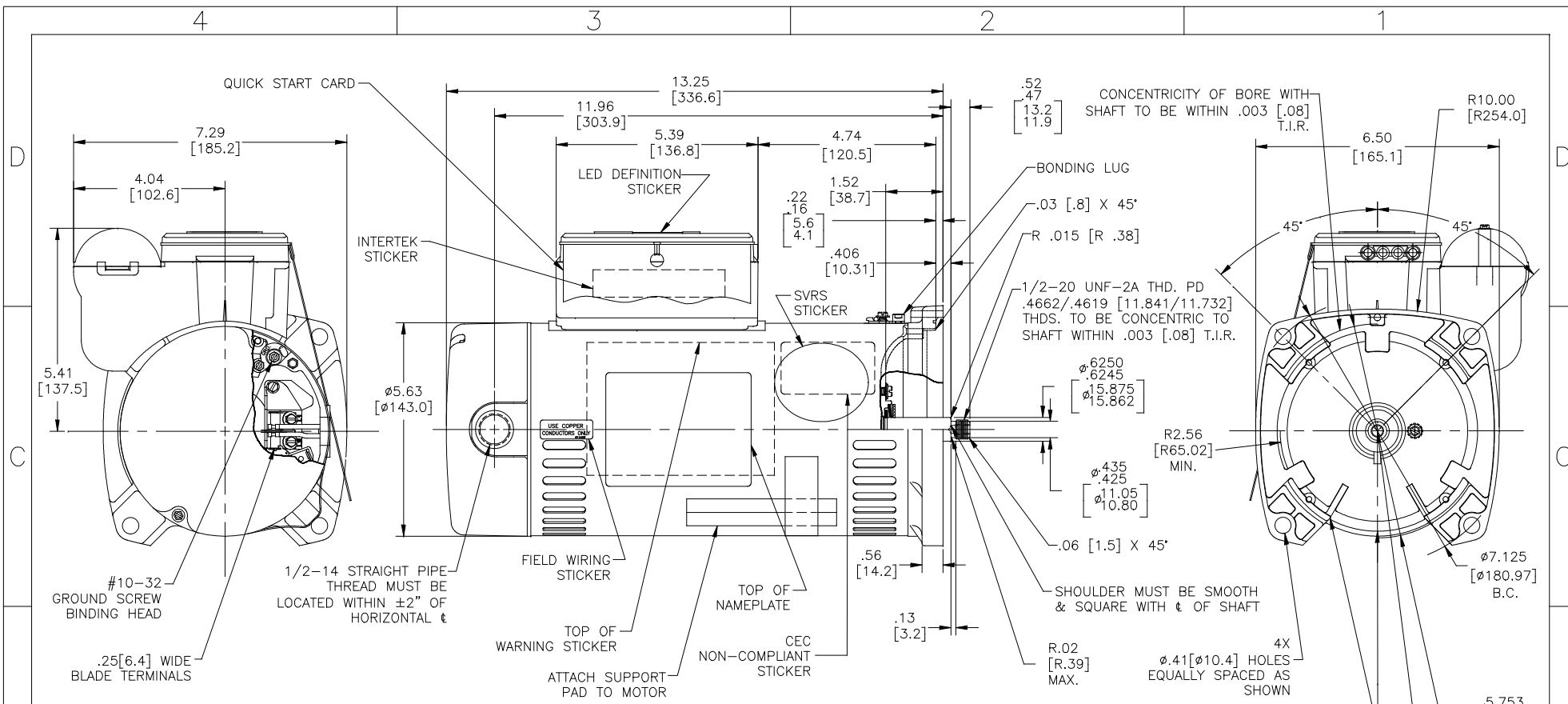
**Nameplate Specifications**

Output HP	<b>2 HP</b>	Output KW	<b>1.5 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230 V</b>
Current	<b>11.2 A</b>	Speed	<b>3450 RPM</b>
Service Factor	<b>1.3</b>	Phase	<b>1</b>
Duty	<b>Continuous</b>	Insulation Class	<b>B</b>
Frame	<b>48Y</b>	Enclosure	<b>Open Drip Proof</b>
Overload Protector	<b>Automatic</b>	Ambient Temperature	<b>50 °C</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>

**Technical Specifications**

Electrical Type	<b>Capacitor Start Capacitor Run</b>	Poles	<b>2</b>
Rotation	<b>Counterclockwise Pump End</b>	Mounting	<b>Square Flange</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>BALL</b>
Opp Drive End Bearing	<b>BALL</b>	Frame Material	<b>Rolled Steel</b>
Shaft Type	<b>Threaded</b>	Overall Length	<b>13.94 in</b>
Frame Length	<b>10.69 in</b>	Shaft Diameter	<b>0.625 in</b>
Shaft Extension	<b>0.906 in</b>		
Outline Drawing	<b>SQG1202A-S01</b>	Connection Diagram	<b>627103-007</b>

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NAMEPLATE DATA	EXTERNAL CONNECTION DIAGRAM	NOTES
MODEL: K48AA11A01 CUST PN: SQG1202A HP: 2 SF: 1.1 ROT: CCWPE RPM: 3450 TYPE: UAK FORM: CODE: H FRAME: 48Y VOLTS: 230 AMPS: MAX AMPS: 10.4 SF AMPS: PH: 1 HZ: 60 INS: B AMB: 50°C DUTY: CONT ENCLOSURE: ODP THERMALLY PROTECTED	<p>HIGH VOLTAGE SHOWN, ROTATE DIAL CCW TO 115 FOR LOW VOLTAGE.                      USE COPPER CONDUCTORS ONLY.                      INSTALL MOTOR WITH VENTS DOWN.</p> <p>ACCEPTABLE FOR FIELD WIRING</p>	1. FINISH PAINT TO BE SATIN BLACK. 2. 7/16" WRENCH FLATS ON SHAFT-FOR ACCESS TO THIS WRENCH FLAT REMOVE END COVER. 3. STAINLESS STEEL SHAFT EXT. 4. LIMITS ON AMPLITUDE OF VIBRATION MEASURED AT BEARING HOUSING = .001. 5. CONNECTED FOR HIGH VOLTAGE. QUICK VOLTAGE CHANGE DIAL INCLUDED ON THE TERMINAL BOARD.

TENON PADES & BOSS FACES TO BE SQUARE WITH SHAFT  $\frac{1}{4}$  WITH IN .004[.10] T.I.R.

1/4-20 UNC-2B L.H. THREADS .50[12.7] DEEP WITH 30°X.075 DEEP CHAMFER

5.753 [5.750] [146.11] [146.04] BORE

PERFORMANCE CURVE	APPROVED SAMPLE
K48M2W2	
UL COMPONENT	CSA
FILE#	CCN#
PENDING	PENDING
CUSTOMER	DISTRIBUTION SERVICES

FILE#	CCN#	FILE#	GUIDE#
PENDING	PENDING	PENDING	PENDING

DRAWING REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY:
E		DEC. INCH mm ANGLE	J.HENRY
ECO-0165900	APPROVED BY	X ±0.1 [±2.5]	DATE:
SEE ECO		JXX ±0.02 [±0.51]	04-03-2009
		JXXX ±0.005 [±0.127]	APPROVED BY:
		JXXX ±0.0005 [±0.0127]	
		REMOVE BURRS & BREAK SHARP EDGES .003/.015 [0.076/.381]	DESCRIPTION
		CORNER FILLETS .02 [51]	MODEL-PFHP-48FR OUTLINE
		MACHINED SURFACES	MATERIAL
		INCH mm	
		mm SHOWN IN BRACKETS	THIRD ANGLE PROJECTION
			SIZE DWG NO
			SQG1202A
			SHEET 1