

PRODUCT INFORMATION PACKET



Model No: STG1302A
Catalog No: STG1302A
3.0 HP Pool Pump Motor, 1 phase, 3600 RPM, 208-230 V, 56Y Frame, ODP
Pool Pump Motors



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Nameplate Specifications

Output HP	3.0 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	208-230 V
Current	SF 15.0-13.3 A	Speed	3450 rpm
Service Factor	1.15	Phase	1
Duty	Continuous	Insulation Class	B
Frame	Y56J	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	50 °C
UL	Recognized	CSA	Y

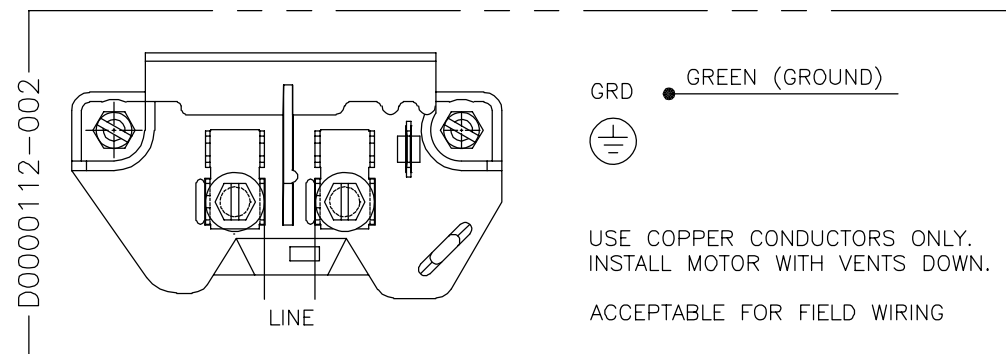
Technical Specifications

Electrical Type	Capacitor Start, Capacitor Run, Single Or Dual Voltage	Poles	2
Rotation	Counterclockwise Pump End	Mounting	C Face
Motor Orientation	Horizontal	Drive End Bearing	Ball Brg
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	7/16 THREADED	Overall Length	14.86 in
Frame Length	9.25 in	Shaft Diameter	0.625 in
Shaft Extension	2.56 in		
Connection Drawing	D0000112-002	Outline Drawing	STG1302A-S01

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REV	ECO	REV BY	DATE	APPD	DATE
A	ECO-0037034	Y.LI	08-19-2013	B.SHEN	08-19-2013



230 VOLTAGE-SINGLE SPEED

NOTES:

1. DOTTED BOX REPRESENTS TOTAL PRINTED AREA ALLOWED FOR CONNECTION DIAGRAM TO FIT IN (2.13[54.1] X .75[19.0]). SEE NAMEPLATE DRAWING 170500 OR 17501 FOR LOCATION.
2. CHARACTERS ARE TO BE A MINIMUM OF .03[.8] TO .06[1.5] MAXIMUM IN HEIGHT.
3. DETAILS ARE NOT TO BE COPIED FROM DRAWING, BUT ARE TO BE REPRODUCED FROM ORIGINAL ARTWORK FURNISHED.

GEOMETRIC CHARACTERISTICS & SYMBOLS

- ▭ FLATNESS
 - STRAIGHTNESS
 - ∠ ANGULARITY
 - ⊥ PERPENDICULARITY (SQUARENESS)
 - // PARALLELISM
 - ROUNDNESS (CIRCULARITY)
 - ⊘ CYLINDRICITY
 - △ PROFILE OF ANY SURFACE
 - ⤵ PROFILE OF ANY LINE
 - ↗ RUNOUT
 - ⊕ TRUE POSITION
 - ⊗ CONCENTRICITY
 - ≡ SYMMETRY
- ASME Y14.5M 1994

UNLESS OTHERWISE SPECIFIED
DIM. TOLERANCES ARE AS FOLLOWS:

	X	XX	XXX	XXXX
INCH	±.1	±.02	±.005	±.0005
mm	±0.5	±0.13	±0.013	

ANG. ±.50 DEG

REMOVE BURRS & BREAK SHARP EDGES:

INCH	.003-.015	mm	0.1-0.4
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CORNER FILLETS TO:

INCH	.020	mm	0.5
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MACHINE SURFACES:

INCH	125	mm	3.2
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METRIC DIMS. SHOWN IN [BRACKETS]

DR BY:

Y.LI

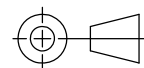
08-19-2013

APPD:

B.SHEN

08-19-2013

THIRD ANGLE PROJECTION



EDS DATE 11-11-2011

FORMAT REV H

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DESCRIPTION

CONN DIAGRAM-EXTERNAL

SIZE

B

DWG NO

D0000112-002

SCALE

NONE

SHEET

1

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