



CERTIFIED OUTLINE & DIMENSION DRAWING		
CUSTOMER: SOFIX CORPORATION LOCATION: CHATTANOOGA, TN 37415 PURCHASE ORDER: 91-00008		
ProQuip WORK ORDER: 9063 SERIAL: 9063 QUANTITY: 1 WETTED PARTS MAT'L: 304 S.S. WEIGHT: 250 lbs.		
LOAD DATA FOR MIXER SUPPORT DESIGN		
VERTICAL DOWNWARD FORCE (upward force from tank pressure not included) 250 lbs. DYNAMIC TORQUE: 808 lbs-in. VARYING DYNAMIC OVERTURNING MOMENT 1100 lbs-in Mixer support design must consider both mechanical strength and rigidity. Support must be stiff enough to avoid perceptible drive movement while mixer is operating. TANK, BAFFLES, AND SUPPORTS ARE NOT FURNISHED BY ProQuip.		
MINIMUM TANK OPENING: 7" DIA.		TAG NUMBER: C-7012-1
ITEM	PART No.	ITEM DESCRIPTION
1	-	MOTOR- 3/4 HP; 1800 RPM; 230/460 V; 3 Ph; 60 Hz FRAME: 56C TYPE: TEFC (U.S. MOTOR)
2	-	REDUCER: JL-15
3	-	BASE: 10"-150# (ANSI) FLANGE (NOTE 3)
4	-	SHAFT: 1 1/2" DIA.
5	-	IMPELLER: 20" DIA., HI-FLOW, 3 BLADES
6	-	MECHANICAL SEAL: DURA, SINGLE, MSS
7	-	DUST SHIELD: SEE REF DWG #2A614301
8	-	VAPOR SEAL: SEE REF DWG #2A614301
9	-	SEAL SHAFT: 1 1/2" DIA.
10	-	IN-TANK COUPLING - 4 3/4" DIA.

NOTES:

1. DIMENSIONS ARE FOR REFERENCES ONLY AND ARE SUBJECT TO CHANGE WITHOUT NOTICE UNLESS CERTIFIED FOR CONSTRUCTION BY THAT OF ProQuip, Inc.
2. ALL DIMENSIONS SHOWN ARE IN INCHES.
3. MOUNTING FLANGE HOLES STRADDLE CENTER LINES.

REV. NO.	REV. BY	CHK'D BY	DATE	DESCRIPTION OF CHANGE

850 E. Highland Rd.  
Macedonia, Ohio 44056  
216/468-1850

TOLERANCES UNLESS OTHERWISE SPECIFIED:		SCALE	NTS	BY	D.P. SCHAAR
FRACTIONS ± 1/32"	2 PLACE DECIMAL ± .01"	DATE	13 MAY 91	CHK'D	
3 PLACE DECIMAL ± .005"	ANGLES ± 30' (1/2°)	APP'D			

**75JLU15 AGITATOR AND  
GENERAL TANK ARRANGEMENT**

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