

CERTIFIED OUTLINE & DIMENSION DRAWING

CUSTOMER: SOFIX CORPORATION
LOCATION: CHATTANOOGA, TN 37415
PURCHASE ORDER: 91-00008

ProQuip WORK ORDER: 9061 SERIAL: 9061
QUANTITY: 1 WETTED PARTS MAT'L.: 304 S.S. WEIGHT: 200 lbs.

LOAD DATA FOR MIXER SUPPORT DESIGN

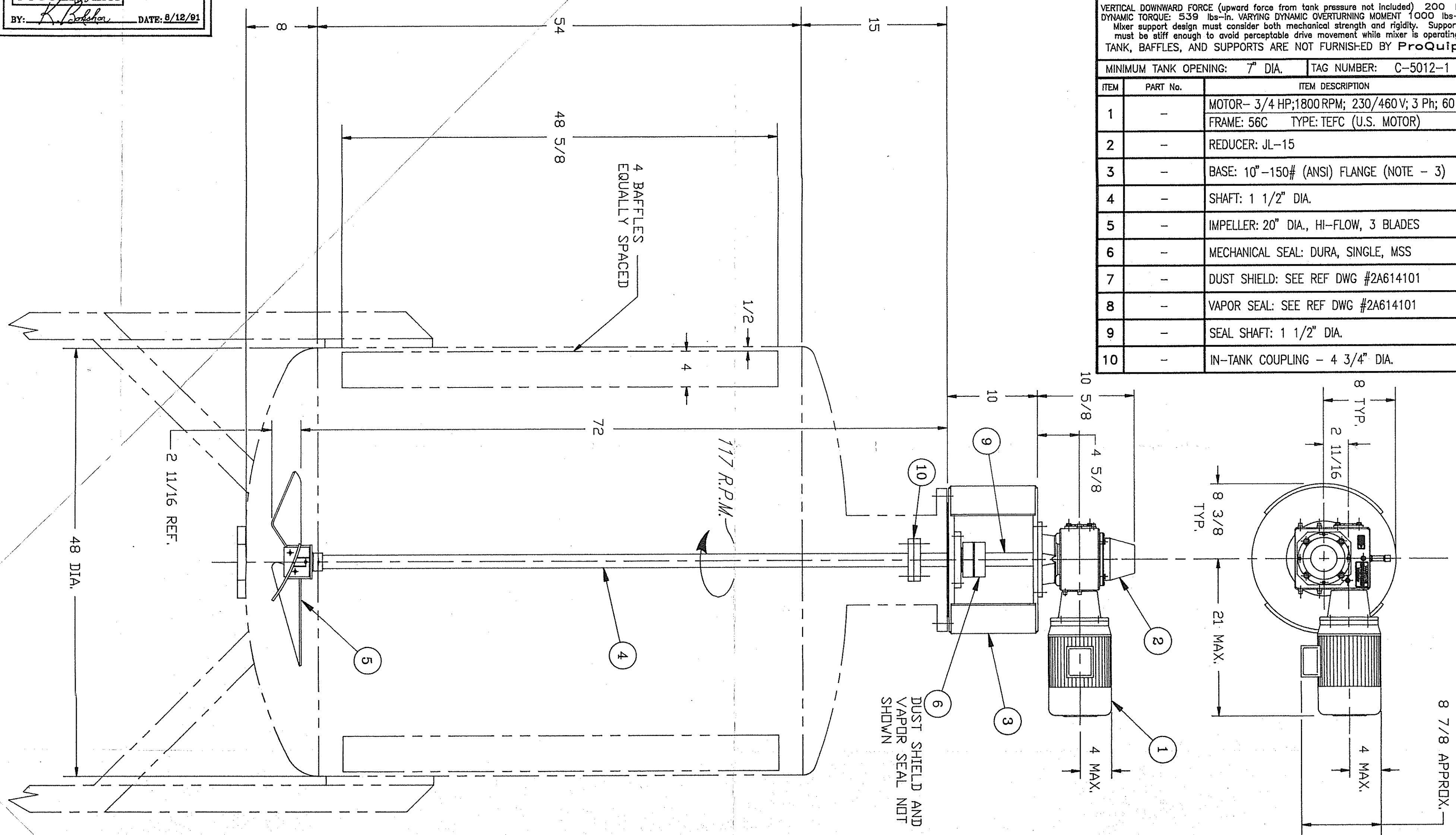
VERTICAL DOWNWARD FORCE (upward force from tank pressure not included) 200 lbs.
DYNAMIC TORQUE: 5.39 lbs.-in. VARYING DYNAMIC OVERTURNING MOMENT 1000 lbs.-in.

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-5012-1
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ITEM	PART No.	ITEM DESCRIPTION
1	—	MOTOR— 3/4 HP;1800RPM; 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 #2A614101
8	—	VAPOR SEAL: SEE REF DWG #2A614101
9	—	SEAL SHAFT: 1 1/2" DIA.
10	—	IN-TANK COUPLING - 4 3/4" DIA.



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.

[illegible]

ProQuip, Inc.

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

FRACTIONS $\pm 1/32"$	2 PLACE DECIMAL $\pm .01"$
3 PLACE DECIMAL $\pm .005"$	ANGLES $\pm 30' (1/2^\circ)$

SCALE	NTS	BY	D.P.SCHAAR
		CK'D.	
DATE	13 MAY 91	APP'D.	

75JLU15 AGITATOR AND GENERAL TANK ARRANGEMENT

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DRAWING NUMBER
2C614100