

8

7

6

5

4

3

2

1

SAE A 2 BOLT MOUNTING FLANGE FOR  
SAE A 9 TOOTH SPLINE SHAFT PUMP

SAE ORB -12 PORT  
RETURN TO TANK

SAE ORB -12 PORT  
WORK FUNCTION RETURN

9.03

10.50

10.65

8 X 3/8-16 THREADED HOLES  $\nabla$  .75"

SAE ORB -04 PRESSURE SENSOR PORT

11.8

5.25

.55

TORQUE FOR PLATED  
GRADE 8 1/2-13 BOLT:  
80 FT LB

9.1

NOTE:  
EHSU-2-105-350-U-SAEA (FOR UNIDIRECTIONAL MODEL)  
EHSU-2-105-350-B-SAEA (FOR BIDIRECTIONAL MODEL)

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UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONAL  $\pm$  1/64  
ANGULAR: MACH  $\pm$  1 Deg  
TWO PLACE DECIMAL  $\pm$  .010  
THREE PLACE DECIMAL  $\pm$  .005

THIRD ANGLE PROJECTION

64

FINISH:

MATERIAL:

TERZO

TITLE:

SIZE DWG. NO.

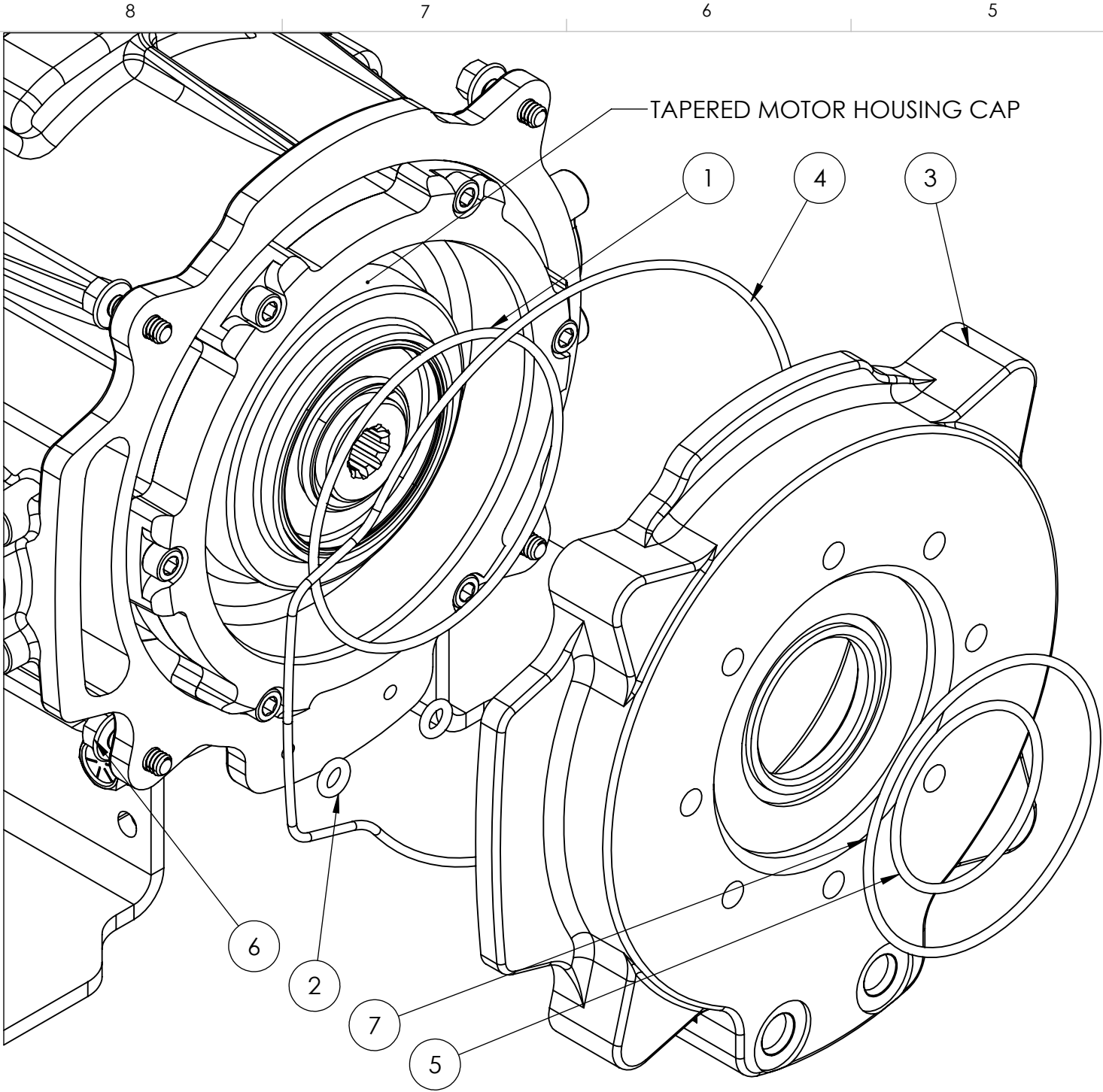
**B** EHSU-2-105-350-SAEA

REV

**1**

SCALE: 1:3 WEIGHT:

SHEET 2 OF 3



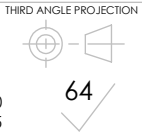
ITEM NO.	DESCRIPTION	QTY.
1	O-RING -153	1
2	O-RING -108 90 DURO	2
3	SAE A PUMP ADAPTER	1
4	O-RING -167	1
5	O-RING -136	1
6	1/4-20 X 3/4 FLANGED HEX HEAD BOLT	4
7	O-RING -152	1

- ASSEMBLY INSTRUCTIONS:
1. PLACE THE -153 O-RING (1) OVER THE TAPERED MOTOR HOUSING CAP
  2. PLACE THE -108 O-RINGS (2) INTO THE CORRESPONDING O-RING GROOVES ON THE SAE A PUMP ADAPTER (3)
  3. PLACE THE -167 O-RING (4) INTO THE CORRESPONDING O-RING GROOVE ON THE SAE A PUMP ADAPTER (3)
  4. PLACE THE -136 O-RING (5) INTO THE CORRESPONDING O-RING GROOVE OF THE SAE A PUMP ADAPTER (3)
  5. ATTACH SAE A PUMP ADAPTER (3) TO HYDRAPULSE USING THE 1/4-20 X 3/4" FLANGED HEX HEAD SCREWS (6)
  6. PLACE THE -152 O-RING (7) ONTO THE SAE A PUMP BOSS (3)
  7. FASTEN SAE A PUMP ONTO SAE A PUMP ADAPTER (3) USING 3/8-16 SCREWS

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TWO PLACE DECIMAL  $\pm .010$   
THREE PLACE DECIMAL  $\pm .005$



FINISH:  
MATERIAL:

TITLE:		
SIZE	DWG. NO.	REV
B	EHSU-2-105-350-SAEA	1
SCALE: 2:3	WEIGHT:	SHEET 3 OF 3