

MODEL SIR3A
SPEED INCREASER

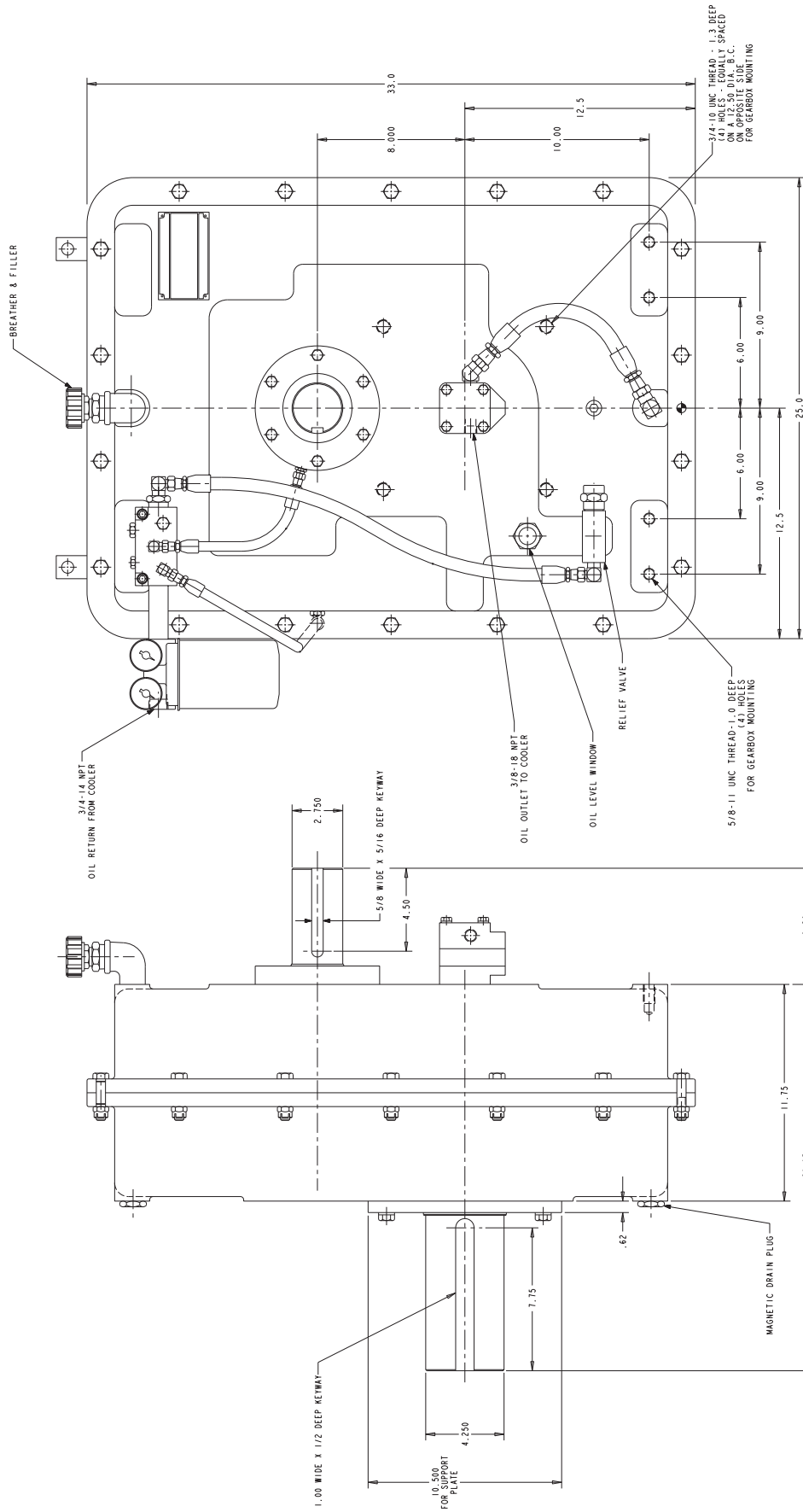
Model SIR3A is a heavy duty independently mounted speed increaser having anti-engine rotation. It is available with a variety of ratios. The gears are helical, carburized and precision ground and are per AGMA Q-12. The bearings are taper roller throughout. The case is heavy cast iron.

CAPACITY (nominal input torque):	2000 lb. ft. (See SI3A capacity curve)
MAXIMUM INPUT SPEED:	3000 RPM
MAXIMUM OUTPUT SPEED:	6000 RPM
RATIOS:	1.21, 1.39, 1.50, 1.66, 2.0, 2.21, 2.44, 3.04
INPUT SHAFT:	4.25 diameter with 1 x 1.2 k.w. x 8.5 long
OUTPUT SHAFT:	2.75" diameter with 5/8 x 5/16 keyway
CENTER DISTANCE:	8.000"
REAR SUPPORT:	4 holes 5/8-11 on rear cover for customers support plate
LUBRICATION:	ISO Viscosity Grade 68, 31 quarts Lube pump and filter are furnished
COOLING:	Heat exchanger is furnished (loose)
MOUNTING:	There is a pilot and 4 drilled and tapped holes on the front of the case for mounting.
WEIGHT:	900 lbs

07/31/03

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OUTPUT SHAFT SHOWN AT 12 O'CLOCK
(ABOVE THE INPUT SHAFT)
ALSO AVAILABLE WITH OUTPUT SHAFT
LOCATIONS AT 3, 6 AND 9 O'CLOCK
POSITIONS



DO NOT USE DIMENSIONS ON THIS
DRAWING FOR INSTALLATIONS.
USE CERTIFIED PRINT PROVIDED
WITH ORDERS