

**MODEL SR12  
REDUCTION GEAR**

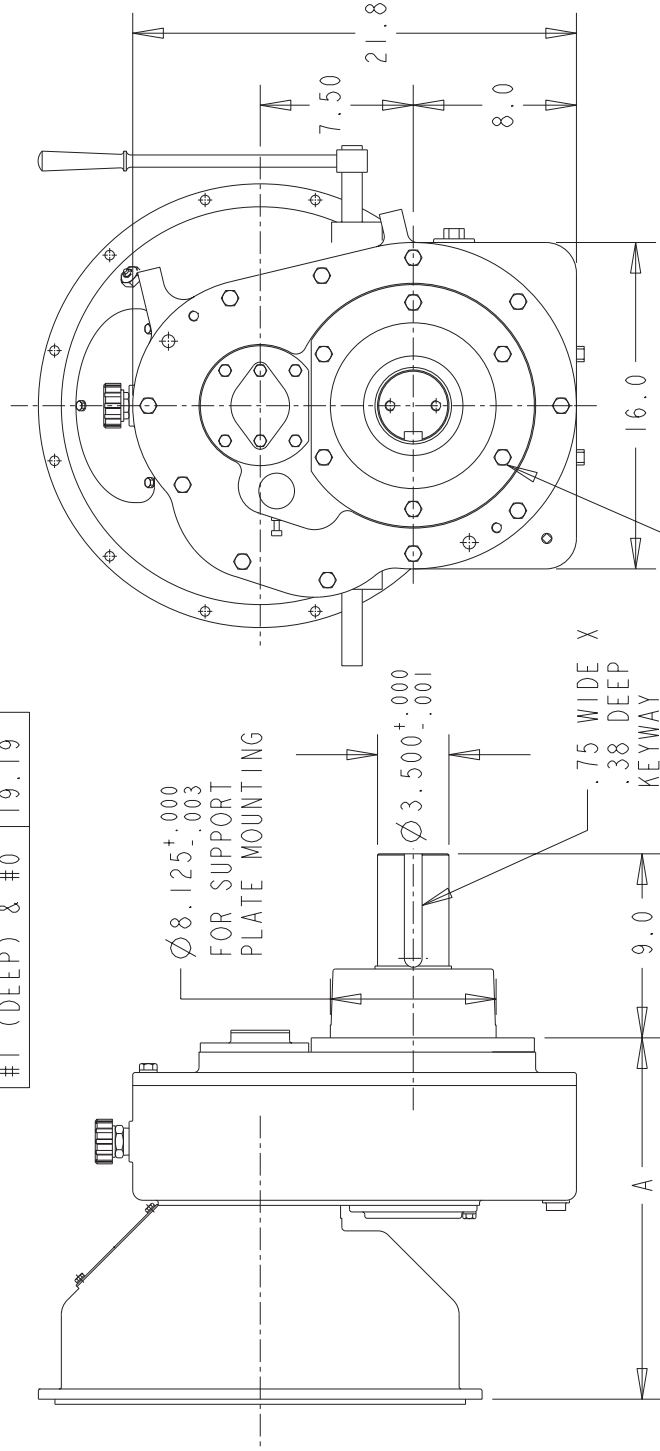
Model SR12 is a heavy duty reduction gear available in engine rotation (SR12E) or anti-engine rotation (SR12A). A clutch and bell housing is included for mounting to an engine for a compact package with proper alignment. The gears are helical and carburized for ultimate strength and endurance. Gears are designed per AGMA specifications. The bearings are anti-friction and the case is cast iron. A wide variety of ratios are available in either direction of rotation.

<b>CAPACITY (nominal input torque):</b>	750 lb. ft.
<b>MAXIMUM INPUT SPEED:</b>	2500 RPM
<b>RATIOS: (ENGINE)</b>	1.30, 1.46, 1.55, 1.65, 1.76, 1.87, 2.00, 2.28, 2.45, 2.63, 3.05, 3.60, 3.92
<b>(ANTI-ENGINE)</b>	1.03, 1.14, 1.28, 1.43, 1.52, 1.60, 1.70, 1.80, 1.92, 2.04, 2.47, 2.84, 3.05, 3.29, 3.87
<b>BELL HOUSINGS:</b>	SAE #1, #2, #0
<b>CLUTCHES:</b>	SP211, SP114, SP214, SP314
<b>OUTPUT SHAFT:</b>	3.000" diameter, 5.5" long 3/4" x 3/8" keyway  With ratios above 2.45 the output shaft is 3.500" diameter with a 7/8" x 7/16" keyway
<b>REAR SUPPORT:</b>	6 holes on a 10.125" B.C. for customer's support plate
<b>LUBRICATION:</b>	Splash 6 quarts sump capacity
<b>WEIGHT:</b>	SR12E - 810 lbs SR12A - 750 lbs

07/31/03

# MODEL SR12 REDUCTION GEAR

BELLHSG SAE#	DIM A
#1	17.7
#1 (DEEP) & #0	19.19



1/2-13 UNC CAPSCREW  
(6) EQ SPACED  
ON A  $\phi 10.125$  BC  
FOR SUPPORT  
PLATE MOUNTING

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