

Cotta®

SN2272 HIGH SPEED GEARBOX

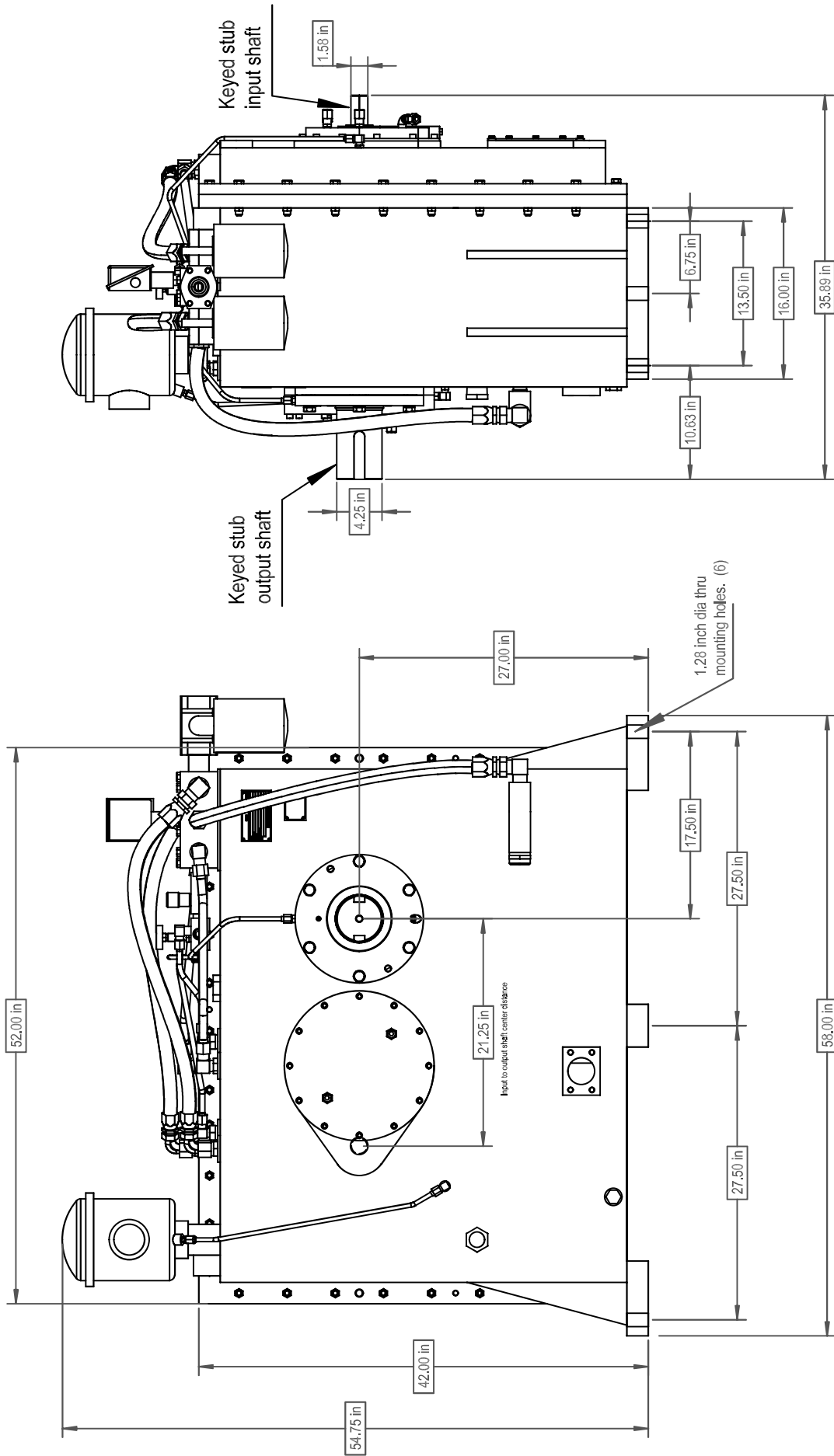
Product Description:

Model SN2272 is a foot mounted, two-stage reducing, single output, high-speed gearbox designed for test stand use as a speed reducer. This gearbox utilizes journal bearings on the high speed and intermediate shafts. Journal bearings require high oil delivery. A suitable custom lube system is furnished.

POWER:	4000 HP max. 1050 lb-ft torque max at high speed shaft.
OUTPUT SPEED:	30,000 RPM max.
RATIOS:	10.07 reduction. Contact Cotta for other available ratios.
MAX ACCEL / DECEL RATE:	2000 RPM / sec at high speed shaft. Contact Cotta for other rates.
INPUT CONFIGURATION:	Keyed stub shaft is standard. Contact Cotta for optional inputs.
OUTPUT CONFIGURATION:	Keyed stub shaft is typical. Contact Cotta for options.
ROTATION:	Input can be driven ccw or cw. Output rotates in the same direction as input.
LUBRICATION:	Custom lube system furnished.
OPTIONS:	Accelerometers, speed pickup, and other application specific items can be accommodated or supplied.
APPROXIMATE WEIGHT:	4300 lbs.
STANDARD FINISH:	2-part polyurethane enamel.



This drawing shows general arrangement and approximate space claim. Do not design or lay out using this drawing. Use only certified drawings provided by Cotta Engineering.



SN2272 DRW.