



MODEL 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.

