



Cotta[®]

SN1678 HIGH SPEED GEARBOX

Product Description:

Model SN1678 is a single increasing stage, two output, foot mounted high speed gearbox that is designed for test stand use. This model has a stub input shaft and two output pads. Both output pads have the same direction of rotation and the same ratio. There is a special design option to have a different ratios on each output.

POWER:	600 HP nominal
OUTPUT SPEED:	Up to 30,000 RPM
RATIOS:	Up to 6.67 overspeed. Contact Cotta for specific ratios within range
MAX ACCEL / DECEL RATE:	2000 rpm/sec at output. For higher rates contact Cotta.
INPUT CONFIGURATION:	Keyed stub shaft is standard. Contact Cotta for optional inputs.
OUTPUT CONFIGURATION:	AND20006 pad is typical. Shafts and various other pads available.
ROTATION:	Input can be driven ccw or cw. Outputs rotate at the same speed and opposite to input.
LUBRICATION:	Positive delivery. Pump, heat exchanger, and necessary temp and pressure controls are furnished.
OPTIONS:	Accelerometers, speed pickup, and other application specific items can be accommodated or supplied.
APPROXIMATE WEIGHT:	850 lbs.
STANDARD FINISH:	2-part polyurethane enamel

