



MODEL SN1939 HIGH SPEED GEARBOX

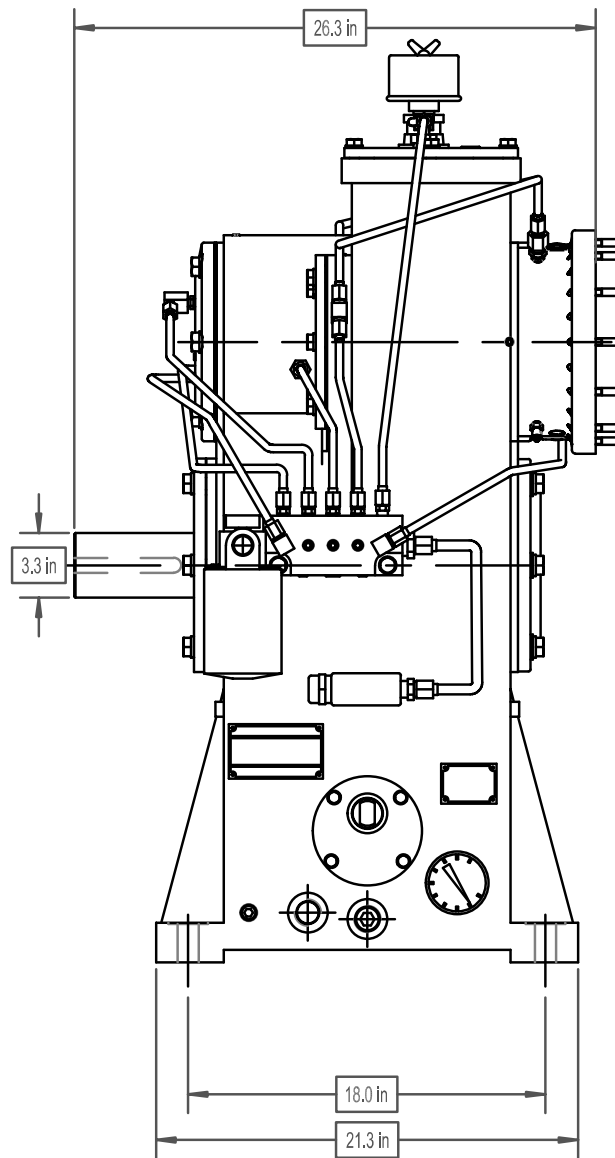
Product Description:

Model SN1939 is a foot mounted, two stage increasing, two output, high speed gear box that is designed for test stand use. This model has a stub input shaft and two aerospace output pads typically AND20006. 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. Contact Cotta engineering for information on per head power capability.

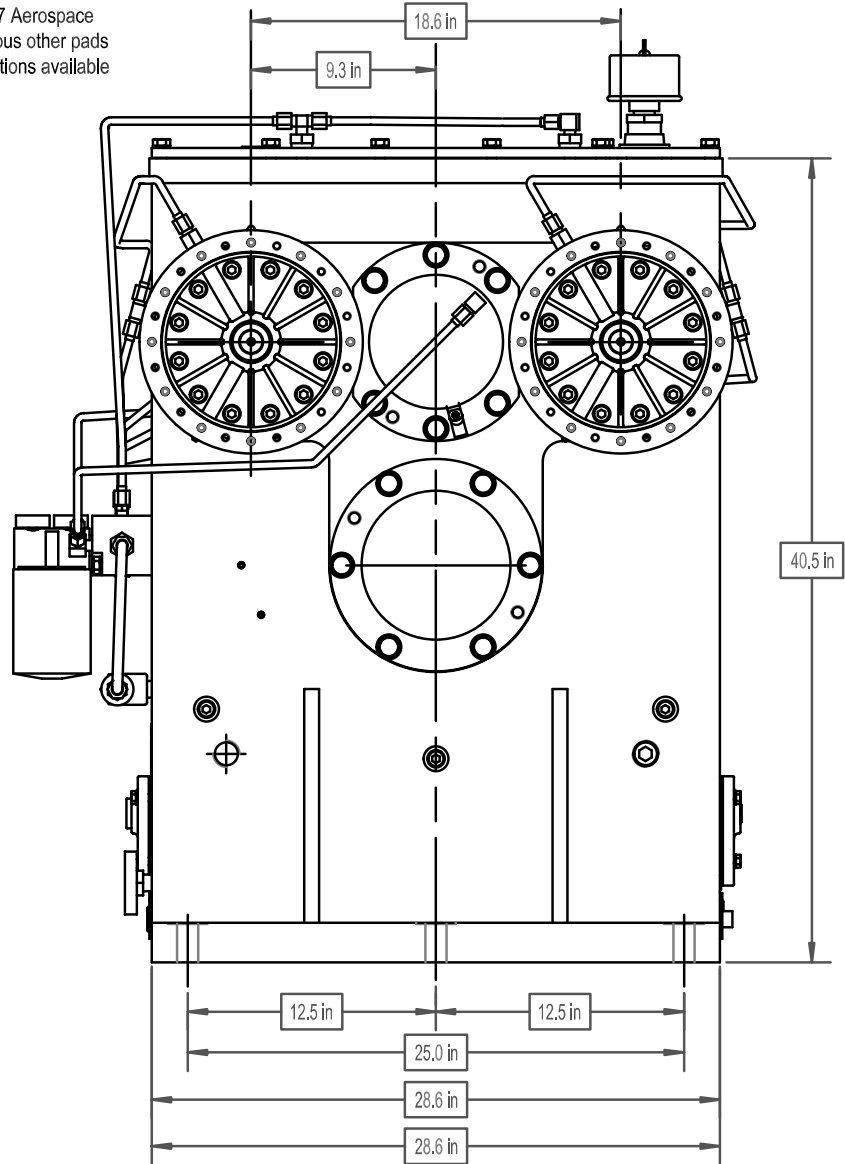
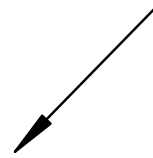
POWER:	600 HP nominal
OUTPUT SPEED:	30,000 RPM
RATIOS:	Up to 14.40 overspeed. Contact Cotta for common ratios.
MAX ACCEL / DECEL RATE:	2000 rpm/sec at output. For higher rates contact Cotta.
INPUT CONFIGURATION:	Stub shaft is standard. Contact Cotta for optional inputs.
OUTPUT CONFIGURATION:	Aerospace accessory mounting pads AND20006 is typical. Various other pads and shafting options available.
ROTATION:	Input can be driven ccw or cw. Output rotates in the same direction as 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:	1600 lbs.
STANDARD FINISH:	2-part polyurethane enamel



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



Shown with AND20007 Aerospace accessory pads. Various other pads and shafting output options available



SN1939 DRW.