



## MODEL SN2153 HIGH SPEED GEARBOX

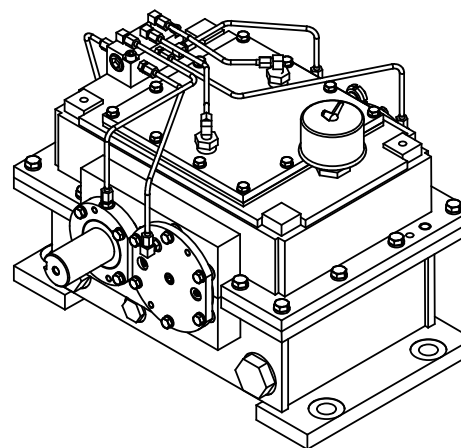
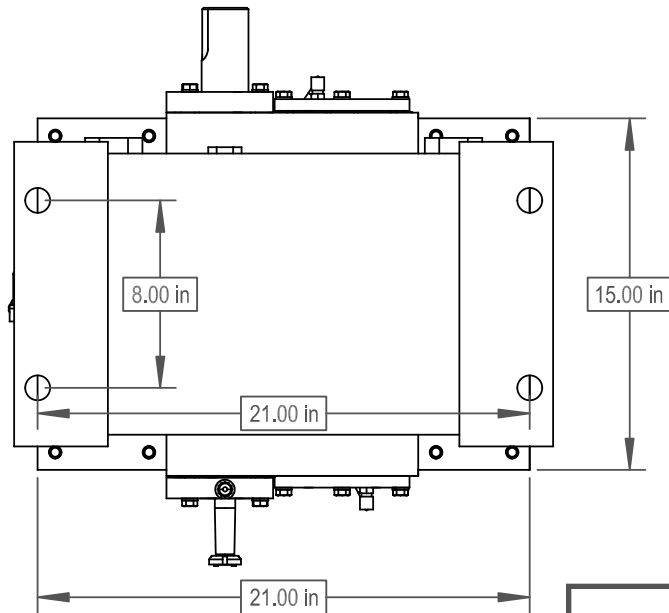
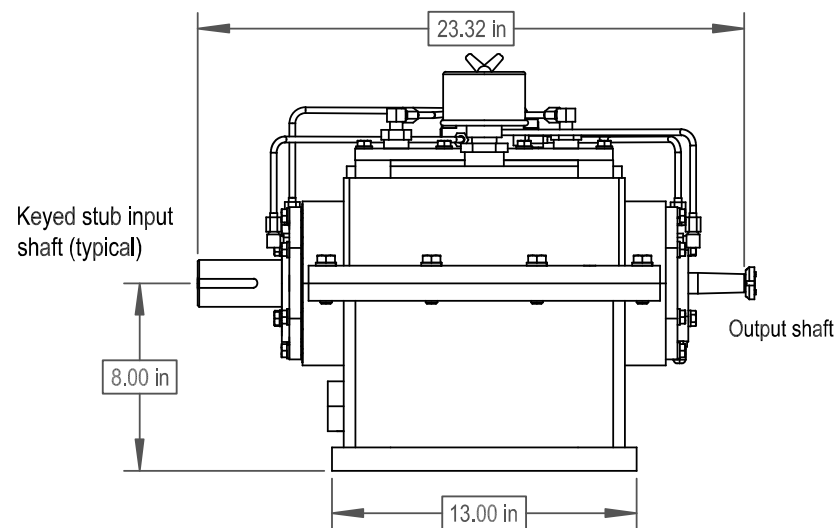
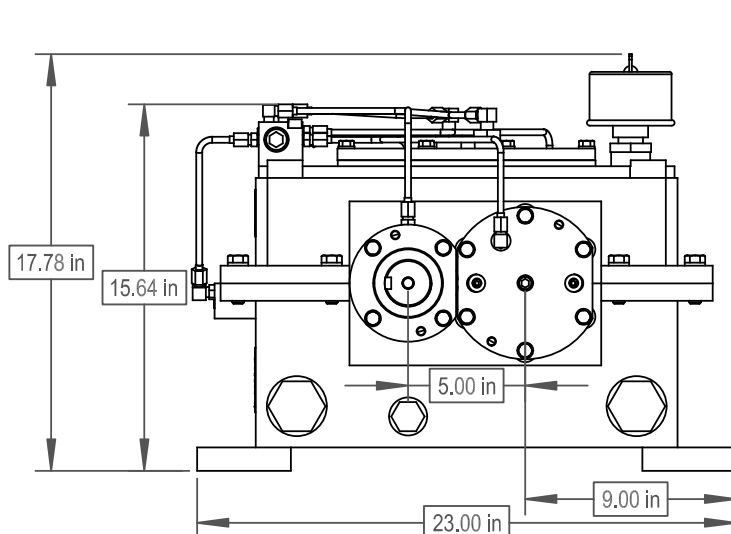
### Product Description:

Model SN2153 is a two increasing stage, single output, foot mounted high speed gearbox designed for test stand use. This model has a stub input shaft and typically has a stub shaft output which is concentric (in-line) with the input.

<b>POWER:</b>	170 HP nominal
<b>OUTPUT SPEED:</b>	Up to 30,000 RPM
<b>RATIOS:</b>	Up to 8.46 overspeed. Contact Cotta for other ratios.
<b>MAX ACCEL / DECEL RATE:</b>	2000 rpm/sec at output. For higher rates contact Cotta.
<b>INPUT CONFIGURATION:</b>	Keyed stub shaft is standard. Contact Cotta for optional inputs.
<b>OUTPUT CONFIGURATION:</b>	Shaft output is typical. Aerospace accessory drive pads are available.
<b>ROTATION:</b>	Input can be driven ccw or cw. Output rotate in the same direction as the input.
<b>LUBRICATION:</b>	Positive delivery. Pump, heat exchanger, and necessary temp and pressure controls are furnished.
<b>OPTIONS:</b>	Accelerometers, speed pickup, and other application specific items can be accommodated or supplied.
<b>APPROXIMATE WEIGHT:</b>	450 lbs.
<b>STANDARD FINISH:</b>	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.



SN2153 DRW.