

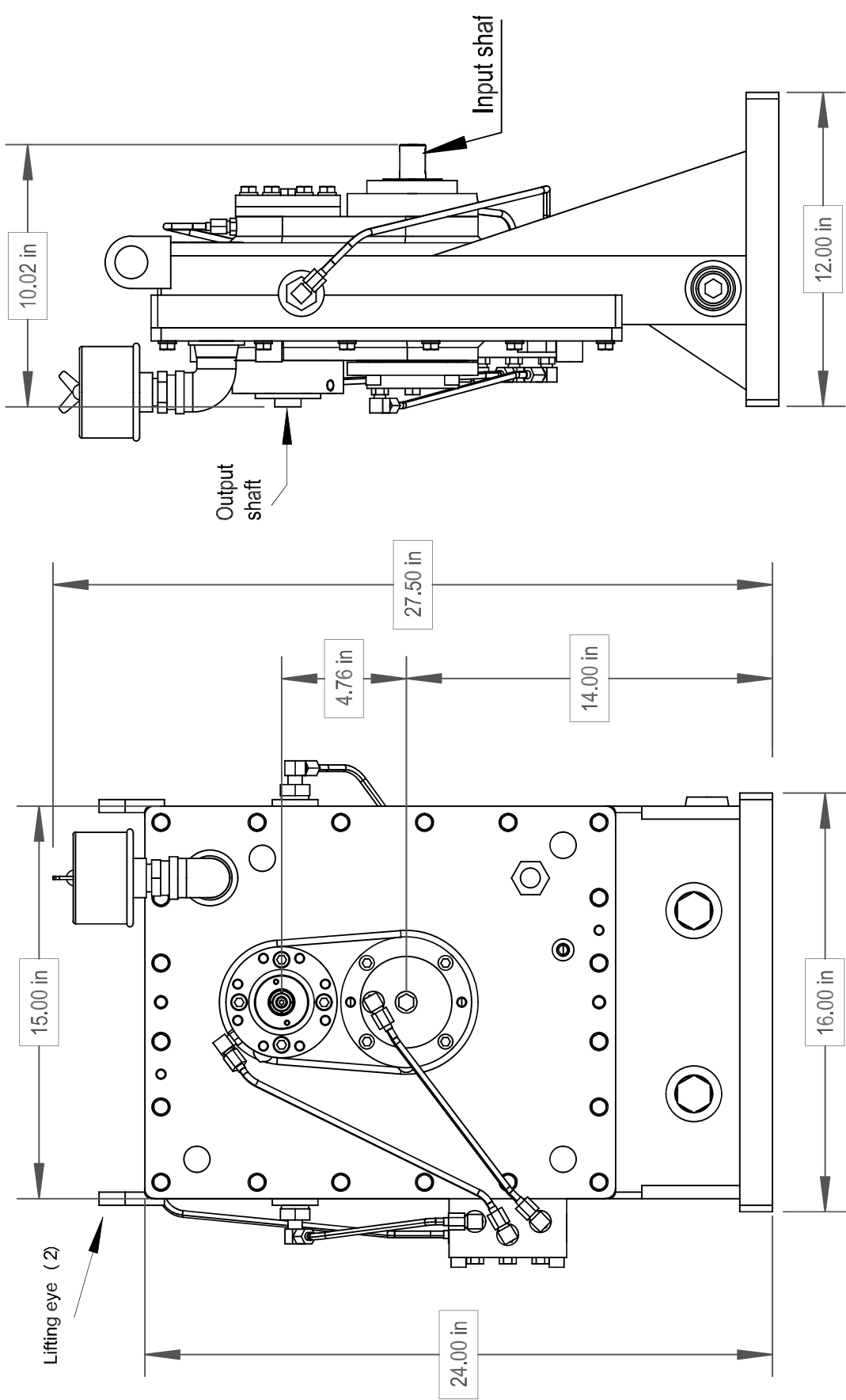
### Product Description:

Model SN2285 is a foot mounted, single increasing stage, high-speed gearbox designed for test stand use. This model has a stub input shaft and typically has an aerospace accessory drive pad output. Due to its compact size this gearbox is designed to operate with a remote lube supply.

<b>POWER:</b>	150 HP nominal @ 70,000 RPM
<b>OUTPUT SPEED:</b>	85,000 rpm maximum
<b>RATIOS:</b>	5 or 6 to 1 overspeed. Contact Cotta for other available ratios
<b>MAX ACCEL / DECEL RATE:</b>	2000 rpm/sec at output. For higher rates contact Cotta.
<b>INPUT CONFIGURATION:</b>	Double key stub-shaft is standard. Contact Cotta for optional inputs.
<b>OUTPUT CONFIGURATION:</b>	Aerospace accessory mounting pad is typical. Shafts and various other pads available.
<b>ROTATION:</b>	Input can be driven ccw or cw. Output rotates opposite to input.
<b>LUBRICATION:</b>	Separate positive delivery lube system required. See T17-7 for example.
<b>LUBE RESERVOIR:</b>	Separate lube reservoir required.
<b>OPTIONS:</b>	Accelerometers, speed pickup, thermocouples, and other application specific items can be accommodated or supplied.
<b>APPROXIMATE WEIGHT:</b>	300 lbs.
<b>STANDARD FINISH:</b>	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.



**SN2285 DRW.**