

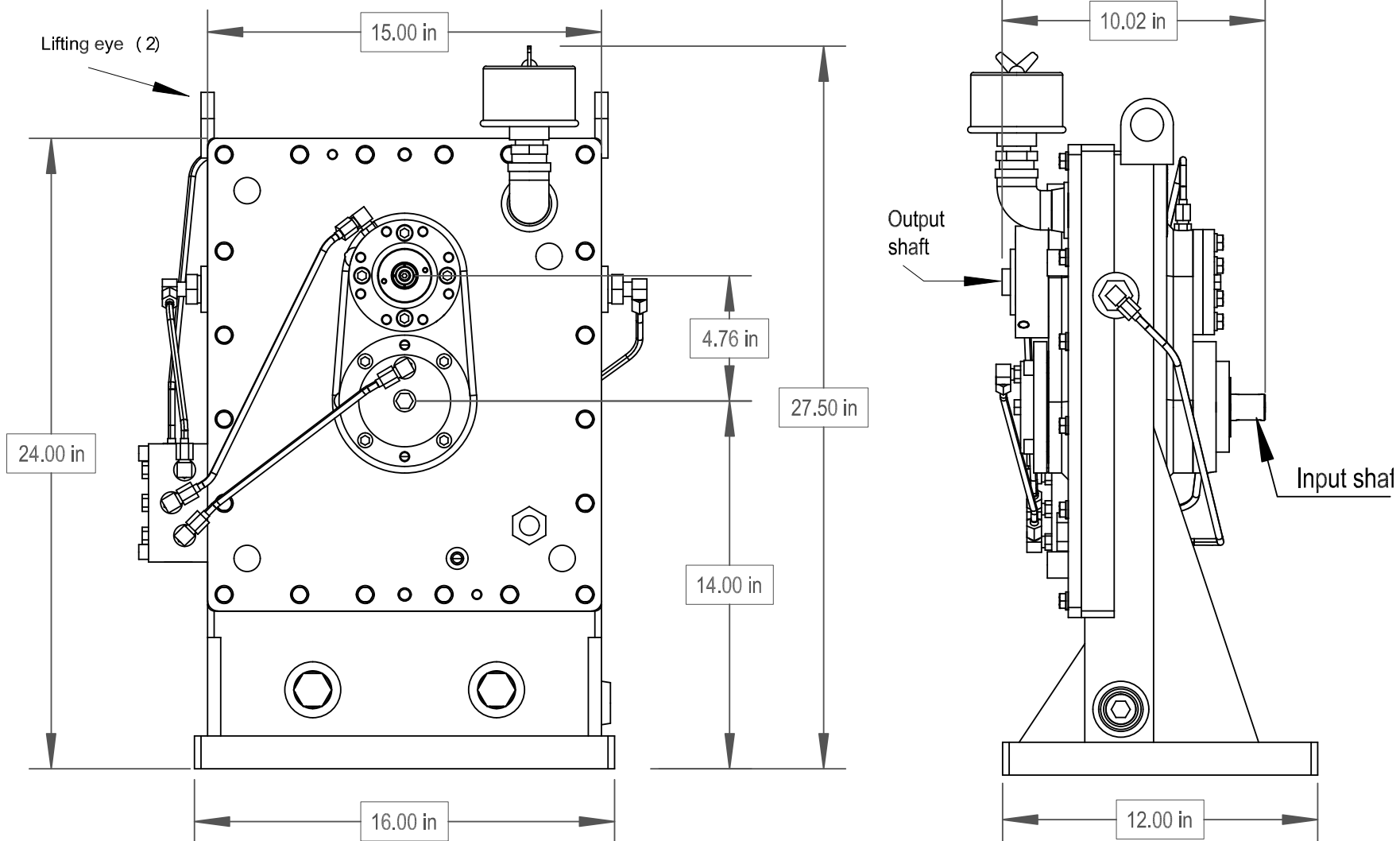
### Product Description:

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, scale, or lay out using this drawing. Use only certified drawings provided by Cotta Engineering.



SN2285 DRW.