



MODEL SN1659

HIGH SPEED FLEX DRIVE GEARBOX

Product Description:

Model SN1659 Flex Drive is a single stage add-on speed multiplier that mounts directly to an existing gearbox via aerospace accessory drive pad and provides an aerospace accessory drive pad output. The gearbox requires pressure lube, seal scavenge, and a gravity drain line. In some applications the host gearbox can support these lube requirements but if not see T-17 Lube System specification for an example of an acceptable independent supply.

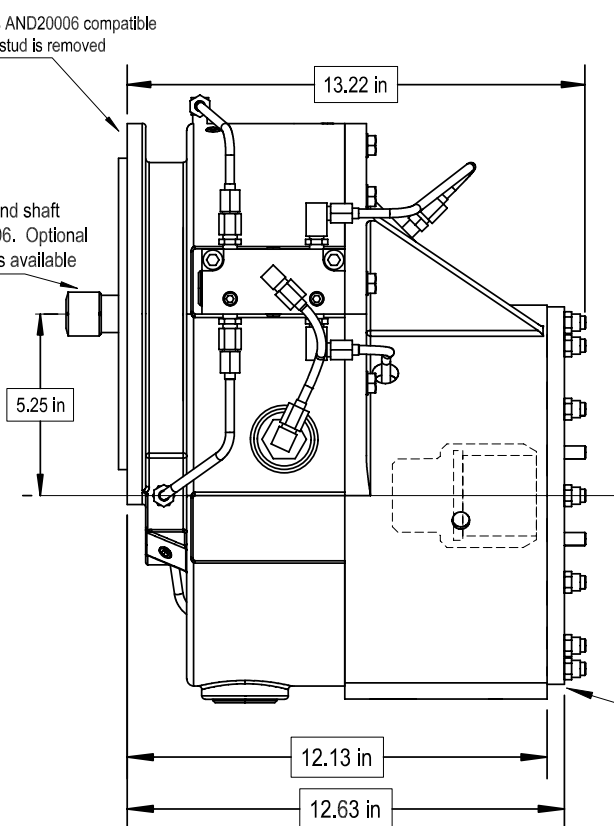
POWER:	800 HP nominal
OUTPUT SPEED:	30,000 output
RATIOS:	Up to 3.14 overspeed
MAX ACCEL / DECEL RATE:	2000 rpm/sec at output
INPUT CONFIGURATION:	Will fit AND20006 XVI (A thru D)
OUTPUT CONFIGURATION:	AND20006, AND20002, AND20007 (Except for O ring counter bore in spline shaft on AND20007)
ROTATION:	Input can be driven ccw or cw. Output rotation is opposite to input.
LUBRICATION:	Gearbox requires external lube support provided either by host gearbox or separate lube cart similar to T-17.
OPTIONS:	Accelerometers, speed pickup, and other application specific items can be accommodated or supplied.
APPROXIMATE WEIGHT:	325 lbs. approximate.
STANDARD FINISH:	2-part polyurethane enamel



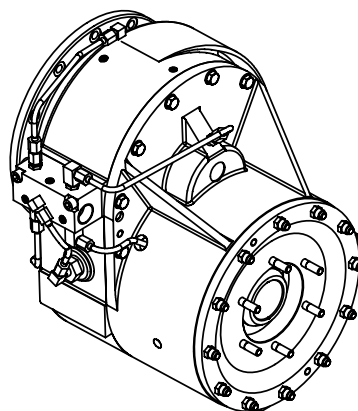
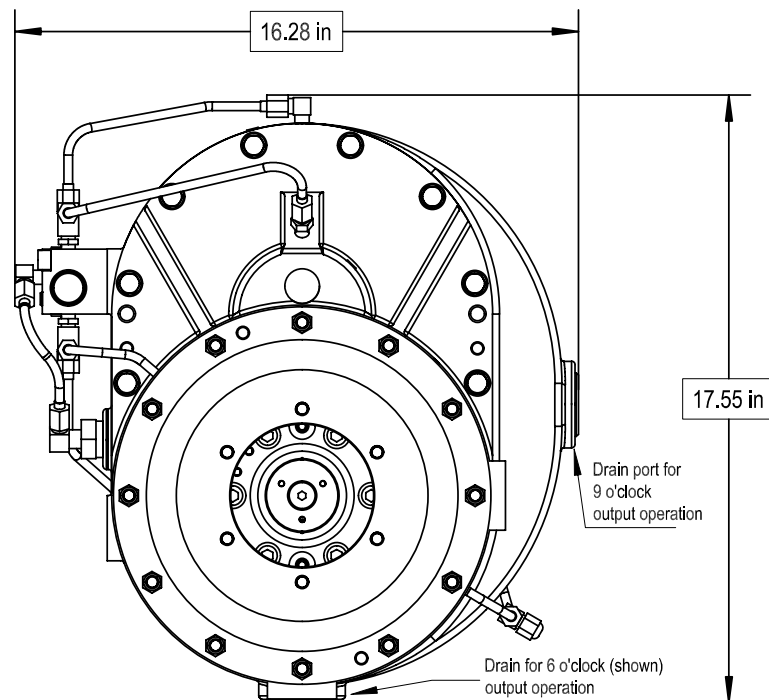
This drawing shows general arrangement and approximate space claim. Do not design, scale, or lay out using this drawing. Use only certified drawings provided by Cotta Engineering.

Input flange is AND20006 compatible when bottom stud is removed

Input spline and shaft per AND20006. Optional configurations available



AND20006 to AND20002 flange adapter.



Output options:
AND20006
AND20007
AND20007 XVII (A & B)
AND20002 XVII (C THRU F) (shown)

SN1659 DRW.