

ANGULAR 2

TECHNICAL DRAWING OF A 1/2 HP OIL-FILLED CUP MOTOR. The drawing includes three views: a front view (top), a side view (middle), and a top view (bottom).

Labels and Dimensions:

- Front View (Top):** Shows the circular motor housing. Dimensions include an outer diameter of $4\frac{1}{4}$ and an inner diameter of $3\frac{3}{32}$.
- Side View (Middle):** Shows the motor's profile. Key features and dimensions include:
 - INLET:** Located at the top, with a diameter of 2 od .
 - OUTLET:** Located at the bottom, with a diameter of 2 id .
 - NAME PLATE:** A rectangular plate on the side.
 - INSTRUCTION DECAL:** A rectangular decal on the side.
 - OIL CAPACITY APPROX. 1.5 PTS:** Indicated on the right side of the motor.
 - ALLOWANCE FOR CUP REMOVAL:** Indicated at the bottom right.
 - Dimensions:** Total height is $5\frac{9}{16}\text{ od}$. The distance from the inlet to the outlet is $2\frac{7}{8}$. The distance from the inlet to the instruction decal is $3\frac{1}{2}$. The distance from the outlet to the instruction decal is $2\frac{1}{8}$. The distance from the inlet to the oil capacity label is $1\frac{1}{4}$. The distance from the outlet to the oil capacity label is $1\frac{1}{2}$. The distance from the inlet to the allowance for cup removal is $10\frac{1}{8}$.
- Top View (Bottom):** Shows the motor from above. Dimensions include a width of $1\frac{1}{8}$ and a height of $1\frac{1}{2}$.

Notes:

- $\frac{3}{16}$ -16 NC THREAD 4 HOLES
- FRACTIONAL $\pm \frac{1}{16}$
- ANGULAR $\pm$

[illegible]