

# Stepper Motor with Gearhead

**COBHAM**

PN 16283

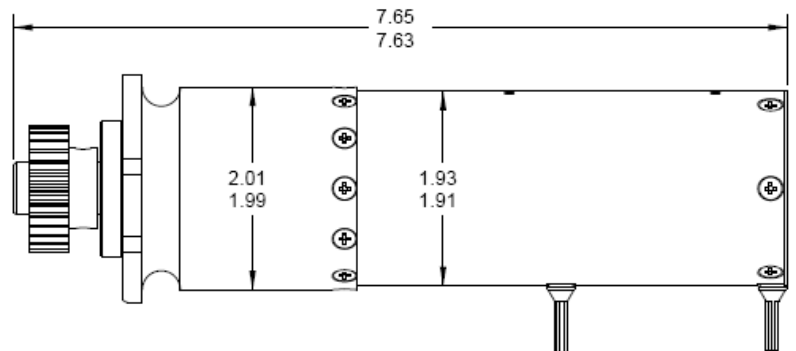
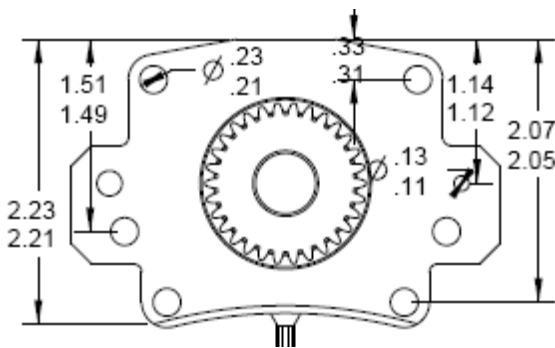
2016 Data Sheet

The most important thing we build is trust

| Specification     | Value | Units   | Basis     |
|-------------------|-------|---------|-----------|
| Gear Ratio        | 200:1 | ratio   | by design |
| Output Step Angle | 0.225 | degrees | nominal   |
| Running Torque    | 75.2  | in-lb   | nominal   |
| Holding Torque    | 11.4  | in-lb   | nominal   |
| Unpowered Torque  | 6.4   | in-lb   | nominal   |
| Backlash          | 0.5   | degrees | maximum   |
| Weight            | 4.4   | pounds  | nominal   |



| Motor Specification | Value | Units        | Basis     |
|---------------------|-------|--------------|-----------|
| Step Angle          | 45    | degrees      | nominal   |
| Step Rate           | 100   | pps          | maximum   |
| Voltage             | 25    | volts DC     | maximum   |
| Power               | 3.9   | watts        | maximum   |
| Phase Resistance    | 10    | ohms         | nominal   |
| Phase Inductance    | 25    | mH           | nominal   |
| Phases/Poles        | 2/8   | phases/poles | by design |
| Redundant Windings  | yes   | windings     | by design |



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Integrated Electronic Solutions

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