

K40S
K40H

CAD
Drawings
Available

GEARBOXES

Worm & Wheel Reduction Gearbox Molded Housings, 3:5:1 to 60:1

Yankee Series Gearbox



Features

- + Low cost moulded housing
- + Shaft or Bore outputs
- + Ratios 3:5:1 to 60:1

- + Torques to 120 inch-lbs
- + Greased for life
- + Less than 20 ounces

| Hollow Bore Output | Solid Shaft Output | Ratio | Input rpm | Output rpm | Output Torque inch-lbs | Output Torque Nm |
|--------------------|--------------------|-------|-----------|------------|------------------------|------------------|
| K40H-3.5 | K40S-3.5 | 3.5:1 | 1800 | 514.3 | 102 | 11.6 |
| K40H-10 | K40S-10 | 10:1 | 1800 | 180 | 102 | 11.6 |
| K40H-15 | K40S-15 | 15:1 | 1800 | 120 | 102 | 11.6 |
| K40H-20 | K40S-20 | 20:1 | 1800 | 90 | 105 | 11.9 |
| K40H-30 | K40S-30 | 30:1 | 1800 | 60 | 120 | 13.6 |
| K40H-40 | K40S-40 | 40:1 | 1800 | 45 | 112 | 12.7 |
| K40H-48 | K40S-48 | 48:1 | 1800 | 37.5 | 96 | 10.9 |
| K40H-60 | K40S-60 | 60:1 | 1800 | 30 | 75 | 8.5 |

Material

Housing: Compression-molded glass filled polyester **Worm:** Ground steel worm **Wheel:** Bronze, precision hobbed

Specifications

Size: 3-3/8"H x 3-7/8"W x 3" D, **Weight:** less than 20 ounces
Input: Dual shaft 0.312" diameter with flats, steel, 0.63" long
Output K40S: 0.500" diameter shaft with flat, steel, 0.56" long
Output K40H: 0.625" diameter ground and polished steel with cross hole for securing shaft

Bearings: Input/output shafts supported by sintered bronze bushings

Mounting: 8 different positions of the mounting flanges

Customizing

Stainless Steel shafting
Longer shafts on input/output
Internal keyways on K40H output bore

Testing in your application is necessary. You will need to evaluate duty cycle, torque and all aspects to confirm that the gearbox suitability with your own calculations. Torques figures are to be used for guidance only

rino

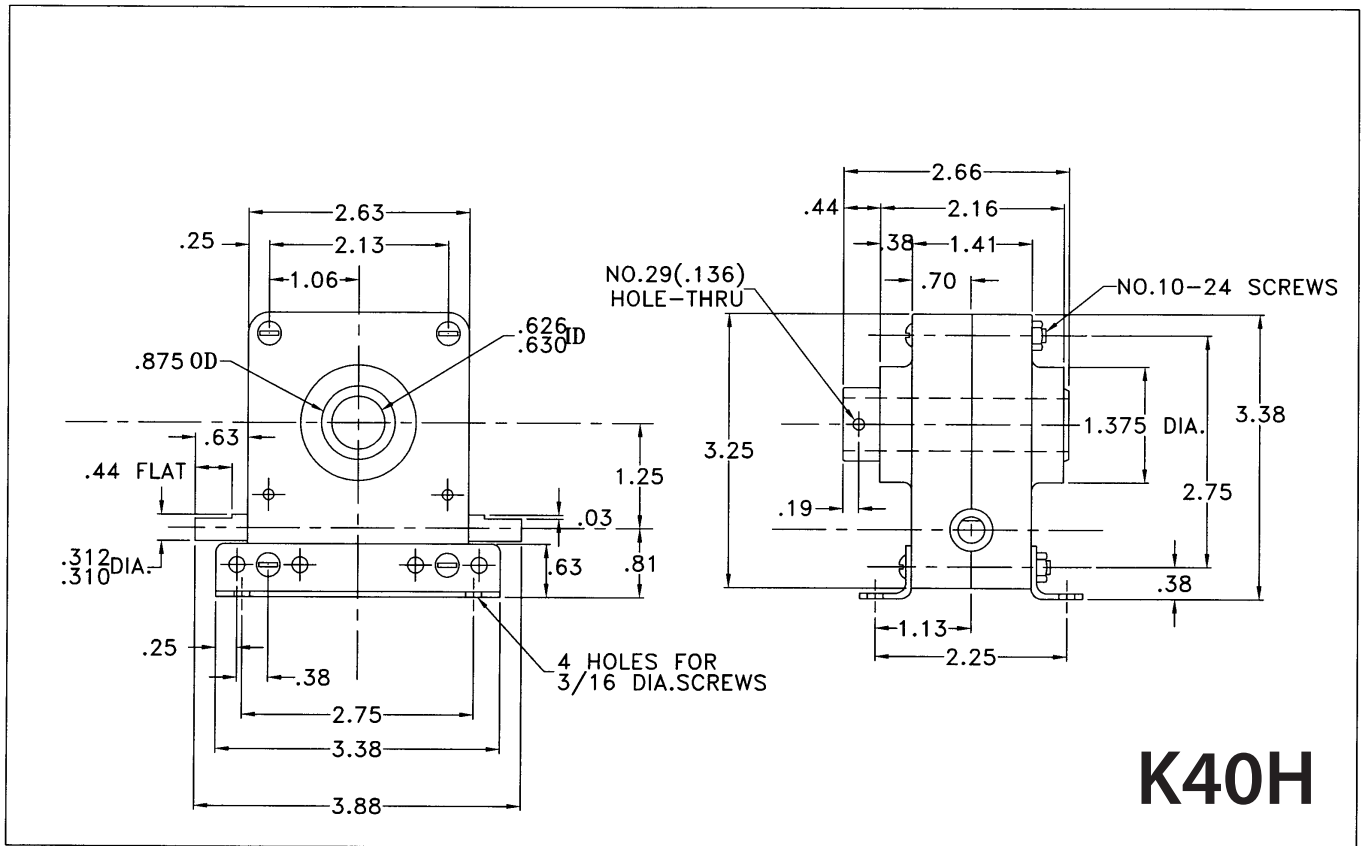
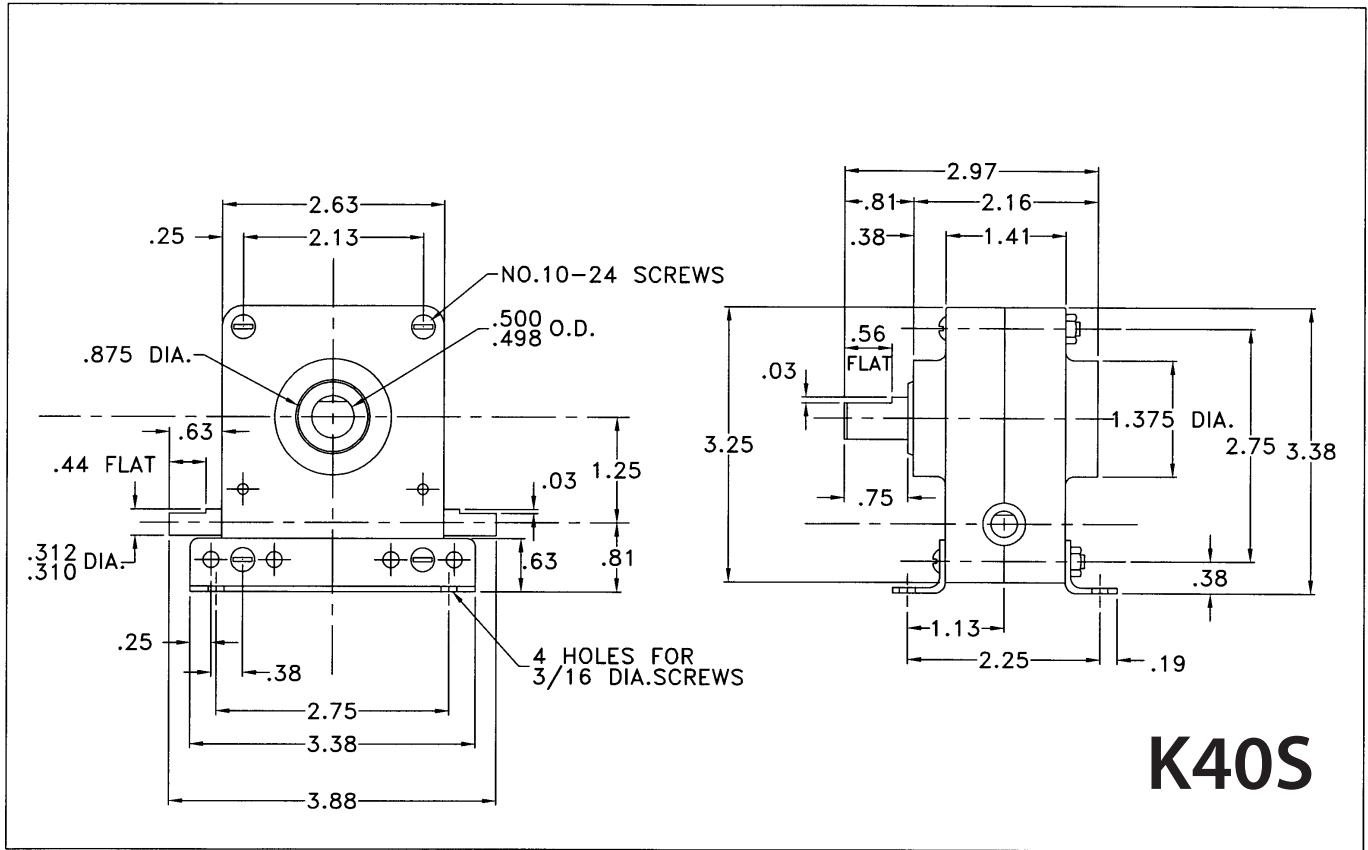
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