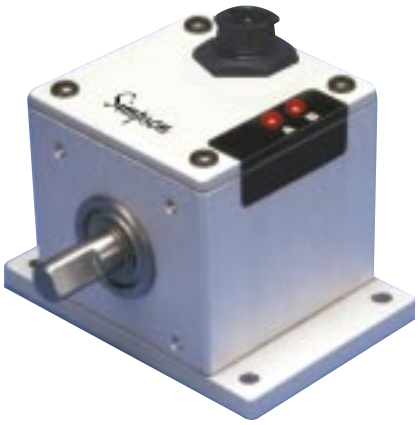
SE Quadrature Encoder

- ***Combines the most popular encoder features on the market today.***
- ***Rugged Construction- Chrome steel bearings for 20% longer life than stainless steel bearings.***
- ***Operation Indication LEDs - Verifies correct operation and aids in system troubleshooting.***
- ***Maximum Signal Transfer - Sealed gold plated connectors.***
- ***Easy to install, cubed style body, double ended flat keyed 3/8" shaft.***
- ***Additional Features - High noise immunity, short circuit protection, reverse polarity protection and more.***

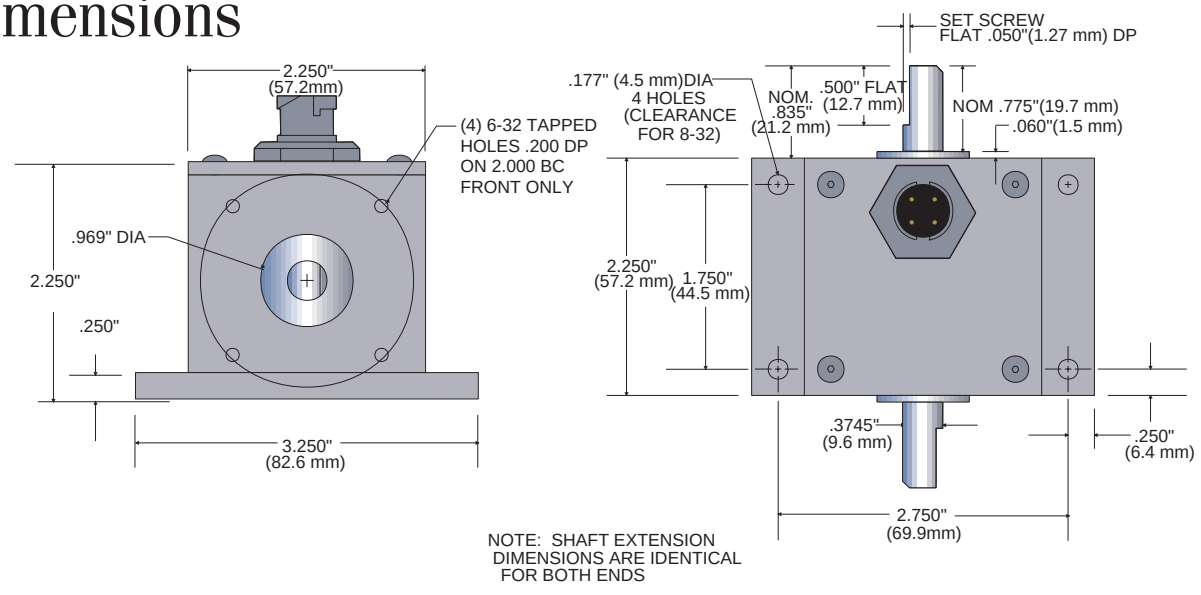


Simpson's SE series quadrature encoders are compatible with most electronic counters, programmable controllers and motor drives. The encoders generate accurate pulse outputs proportional to the shaft rotation for precise measurement, and provide many popular product features required in a wide range of industrial operations. Typical applications include speed control, robotics, machine tools, index tables, cut-to-length and position control systems.

The cube style encoder is available in five different resolutions from 60 to 600 pulses per revolution and uses an infrared light source and precision components to provide exact repeatable counts. It can easily be equipped with measuring wheels, belts and pulleys, rack and pinions, flexible shaft couplings, etc.

Mounting the SE encoder is quick and easy using the four pre-drilled holes in the base flange. There are also four 6-32" tapped holes on each side of the encoder at the shaft output and on the bottom of the base flange. These holes enable Simpson's SE Encoder to be interchangeable with most other brands of encoders.

Dimensions



NOTE: SHAFT EXTENSION DIMENSIONS ARE IDENTICAL FOR BOTH ENDS