ASB62 and CB62 Encoders for Feedback on Gearless and Servo Motors

ASB62 absolute rotary encoder and CB62 incremental rotary encoder are designed to ensure accurate motion control operations on gearless and servo motors. Tapered solid shaft and expansion flange enable easy and precise installation (plug & play).

- *For efficient position and speed feedback on gearless and servo motors*
- *Space-saving construction with tapered solid shaft and expansion flange*
- *Easy installation and high-precision direct coupling (plug & play)*
- *Absolute (ASB62) and incremental (CB62) versions*
- *Additional tracks for complete feedback*

ASB62 and CB62 rotary encoders are designed to be easily and perfectly integrated into motors and servo drive systems and provide accurate and reliable position and speed feedback.

They have a space-saving low profile design and are equipped with a **9.25-mm diameter 1:10 tapered solid shaft.** They are ideal for high-precision direct coupling in constricted spaces and guarantee backlash-free and slippage-free torsionally rigid mating for increased mechanical and electrical performances. Furthermore, the expansion flange makes installation and fastening very easy and functional.

The range of the operating temperature is extended to -20°C +100°C (-4°F +212°F) and the protection rate is IP40.

ASB62 absolute encoder offers 21 bit singleturn resolution (2,097,152 cpr) and implements SSI and BISS C-mode interfaces. It also provides an additional incremental track (2,048 1Vpp Sine-Cosine signals per turn) for accurate rotor speed control. Both +5Vdc and +10Vdc +30Vdc power supply circuits are available.

CB62 incremental encoder generates 2,048 1Vpp Sine-Cosine signals per turn with Index signal and inverted signals for speed feedback. In addition, it can output absolute position information (CD signals) to control the position of the rotor.

ASB62 and CB62 are ideally suited for gearless motors, servo motors, robotics, elevators and lifts and automation in general.

Find technical specs of ASB62 absolute encoder

Find technical specs of CB62 incremental encoder