

Slip ring assemblies transmit voltage/signals to and from rotating, instrumented shafts. The designs include coin silver rings that rotate, a brush block with integral connector or pigtails, and a bearing system to support the rotating components.

The brush block and connector assembly are installed in close location to the rings, allowing the brushes to contact the rings. As the rings rotate the stationary brushes remain in contact with the rings, and the signals are transmitted to and from the rotating instrumented shaft and the stationary connector.

The majority of the slips rings we build are for custom applications. Pictured are a steering column, half shaft, and driveshaft (top to bottom). Each required the original components to be strain-gaged for torque measurements, then fitted with slip ring assemblies, and reassembled into the vehicle for field measurements. At SDI, we specialize in providing the best solution for you and your specific requirements.

If you have a rotating shaft and you require a slip ring assembly, call us. We can either supply you with an existing design or design a custom slip ring for you.



SPECIFICATIONS

RPM (Max).....5000
BrushesSilver graphic (80/20)
RingsCoin silver

