

# Rotating Torque Sensors

## Flange Drive Rotary - Slip Ring [ 01278 ]

Sensor Developments, Inc. has created a new high capacity rotary torque sensor for evaluating drive line components. It features a full 30,000in-lbs torque carrying capacity, 150% fullscale overload capabilities, and integral flanges for direct mounting to existing driveline configurations.

Custom flange configurations and other capacities are available.



### SPECIFICATIONS

Capacity.....	30,000 in-lbs
Overload capacity.....	150% of F.S.
Output at F.S.....	1.1mV/V
Non-linearity.....	0.15% of F.S.
Hysteresis.....	0.15% of F.S.
Zero balance.....	1.00% of F.S.
Compensated temperature.....	70 to 170°F
Useable temperature.....	-65 to +250°F
Temperature effect on zero.....	0.002% of F.S./°F
Temperature effect on span.....	0.002% of Rdg./°F
Bridge resistance.....	700 Ohms
Excitation voltage, maximum.....	20 Vdc
Maximum speed .....	35000 RPM