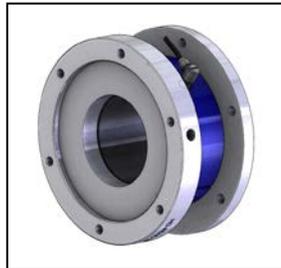




TELEDYNE LECROY Test Services (TLTS) offers a complete line of Reaction Torque Sensors in capacities from 10 lb-in to 250,000 lb-in. All of our sensors utilize strain gages and are maintenance free with no moving parts. Reaction Sensors are used in applications where in-line torque measurements are required and angular motion is limited.

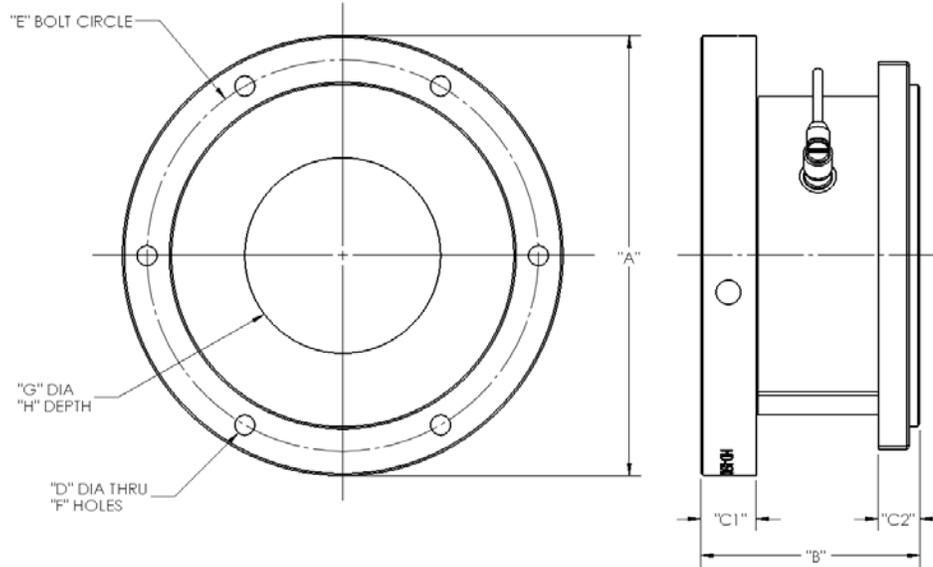
Low Profile Reaction Torque Sensors

Low profile reaction torque sensors are used in dynamometer applications where axial space is limited and heavy overhung loads are present. These sensors are extremely accurate and temperature stable and come standard with precision male and female pilot diameters to ensure concentric alignment of the dynamometer components. Each unit can be configured with holes or studs on the mating faces per customer requirement. The inner cover is sealed to allow for lubricant flow and options are available to port lubricant through the body of the sensor as required. Cross-reference: Honeywell Lebow 2320 Series.



SPECIFICATIONS for Model HD-REAC	
Output at Rated Torque	2.0 mV/V Nominal
Calibration Accuracy	0.15% Full Scale
Non-linearity.....	±0.1% of rated output
Hysteresis.....	±0.1% of rated output
Repeatability.....	±0.1% of rated output
Overload Rating	150%
Excitation Maximum DC	10V
Bridge Resistance.....	350 Ohms
Zero Balance	±.1% Full Scale
Temperature Effect on Zero	0.0025% Full Scale/° F
Compensated Temperature Range	32° - 300° F
Connector.....	MS 311OP-8-4P or equivalent

(over)



Model HD-REAC – Hollow Reaction Torque Sensor

Teledyne Model	Honeywell Lebow Model	Capacity (lb-in)	A	B	C1	D	E	F	G (thru)
HD-REAC-2	2320-2K	2000	11/27.9	4.25/10.8	0.84/2.1	0.41/10.4	10/25.4	12	4.13/10.5
HD-REAC-5	2320-5K	5000	11/27.9	4.25/10.8	0.84/2.1	0.41/10.4	10/25.4	12	4.13/10.5
HD-REAC-12	2320-12K	12000	11/27.9	4.25/10.8	0.84/2.1	0.41/10.4	10/25.4	12	4.13/10.5
HD-REAC-24	2320-24K	24000	11/27.9	4.25/10.8	0.84/2.1	0.41/10.4	10/25.4	12	4.13/10.5
HD-REAC-36	2320-36K	36000	11/27.9	4.25/10.8	0.84/2.1	0.41/10.4	10/25.4	12	4.13/10.5
HD-REAC-48	2320-48K	48000	11/27.9	4.25/10.8	0.84/2.1	0.41/10.4	10/25.4	12	4.13/10.5

NOTE: Please visit www.Teledyne-TS.com for detailed drawings and downloadable CAD models.