



AKO

Torque Specialties

"The Standard by Which Torque is Calibrated"
50 Baker Hollow Rd., Windsor, CT 06095

ISO/IEC 17025:2017
Accredited

P: (860) 298-9765
F: (860) 683-4126
www.akotorque.com

AKO Transducers

Most Accurate Transducers in the Torque Calibration Industry

- Torque Transducer Capacities available from **20 ozf-in to 150000 lbf-ft**
- Pressure Transducers available in capacities of **200, 300, 500, 1000, and 10000 psi**
- Designed with 25% Overcapacity Safety Margin
- Bridge resistance of 350 or 700 Ohm
- 10VDC Transducer Excitation Voltage
- 0.01% Non-Reversing Hysteresis
- Maximum Non-Linearity of 0.02% of full scale
- Maximum Non-Repeatability of 0.01% of full scale
- Temperature compensated from 0 to 150°F (-18 to 66°C)
 - Temperature effect on Zero: 0.04% of rated output per 95°F (35°C)
 - Temperature effect on Sensitivity: 0.08% of rated output per 95°F (35°C)
- High **measurement accuracy of 0.1% of reading** from 10% to 100% of capacity, ± 1 least significant digit from 0 to 10% of capacity



FEATURING A.K.O., INC.'S TSD6500 DIGITAL INDICATOR

- Connects with A.K.O., Inc.'s Proprietary TorqCal Software
- Customizable transducer ranges and capacities for all applications
- Expandable up to 8 transducer channels per indicator
- Built in Peak Hold, Unit Conversion, and Zero Tracking functions
- Industry leading accuracy up to 0.1% of reading



Available A.K.O., Inc. Pressure Transducers

Model Number	Capacity
TSD.2KPT	200 psi
TSD.3KPT	300 psi
TSD.5KPT	500 psi
TSD1KPT	1000 psi
TSD10KPT	10000 psi





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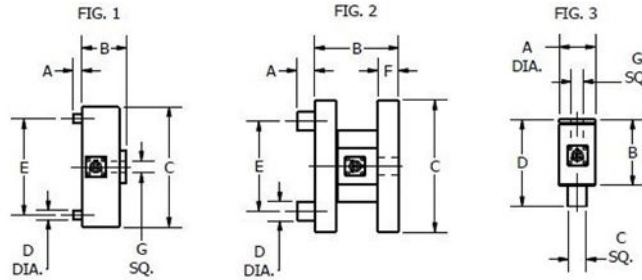


FIGURE	MODEL NUMBER	CAPACITY	A	B	C	D	E	F	G
1	TSD011-1016-S20	20 or 320 ozf-in	0.250	1.410	3.500	0.250	2.875	-	0.250
1	TSD011-1016-S40	40 ozf-in	0.250	1.410	3.500	0.250	2.875	-	0.250
1	TSD011-1016-S50	50 ozf-in	0.250	1.410	3.500	0.250	2.875	-	0.250
1	TSD011-1016-S60	60 ozf-in	0.250	1.410	3.500	0.250	2.875	-	0.250
1	TSD011-1016-S100	100 ozf-in	0.250	1.410	3.500	0.250	2.875	-	0.250
1	TSD011-1016-S160	160 ozf-in	0.250	1.410	3.500	0.250	2.875	-	0.250
1	TSD011-1016-S320	320 ozf-in	0.250	1.410	3.500	0.250	2.875	-	0.250
1	TSD011/20D12	20 lbf-in	0.250	1.410	3.500	0.250	2.875	-	0.250
1	TSD011/005	50 or 60 lbf-in	0.250	1.410	3.500	0.250	2.875	-	0.250
1	TSD011	100 or 120 lbf-in	0.250	1.410	3.500	0.250	2.875	-	0.250
1	TSD011/020	200 or 240 lbf-in	0.250	1.410	3.500	0.250	2.875	-	0.250
1	TSD111/050	50 lbf-ft	0.380	1.812	5.000	0.375	4.000	-	0.375
1	TSD111	100 lbf-ft	0.380	1.812	5.000	0.375	4.000	-	0.375
1	TSD111/200	200 lbf-ft	0.380	1.812	5.000	0.375	4.000	-	0.500
1	TSD111/300	300 lbf-ft	0.380	2.000	5.000	0.375	4.000	-	0.500
2	TSD511	500 lbf-ft	0.750	3.500	5.500	0.750	3.750	0.875	-
2	TSD1011	1000 lbf-ft	0.750	3.500	5.500	0.750	3.750	0.875	-
2	TSD2011	2000 lbf-ft	0.750	3.500	5.500	0.750	3.750	0.875	-
2	TSD2511	2500 lbf-ft	0.750	3.500	5.500	0.750	3.750	0.875	-
2	TSD4011	4000 lbf-ft	0.750	3.500	5.500	0.750	3.750	0.875	-
2	TSD10011-L	10000 lbf-ft	1.000	3.750	9.500	1.000	7.000	1.000	-
2	TSD10011	10000 lbf-ft	1.250	4.750	9.500	1.000	7.000	1.250	-
2	TSD20011	20000 lbf-ft	1.250	4.750	9.500	1.250	7.000	1.250	-
2	TSD40011	40000 lbf-ft	1.870	6.000	12.750	1.500	10.500	1.630	-
2	TSD50011	50000 lbf-ft	1.870	6.000	12.750	1.500	10.500	1.630	-
2	TSD100011	100000 lbf-ft	2.100	8.000	15.500	1.500	12.000	1.900	-
2	TSD150011	150000 lbf-ft	2.100	8.000	15.500	1.500	12.000	1.900	-
3	TSD011/20D12BT	20 lbf-in	1.500	2.750	0.750	3.630	-	-	0.250
3	TSD011/005BT	50 or 60 lbf-in	1.500	2.750	0.750	3.630	-	-	0.250
3	TSD011BT	100 or 120 lbf-in	1.500	2.750	0.750	3.630	-	-	0.250
3	TSD011/020BT	200 or 240 lbf-in	1.500	2.750	0.750	3.630	-	-	0.250
3	TSD051	50 lbf-ft	1.250	1.625	0.375	2.060	-	-	0.375
3	TSD051BT	50 lbf-ft	1.500	2.750	0.750	3.630	-	-	0.375
3	TSD111BT	100 lbf-ft	1.500	2.750	0.750	3.630	-	-	0.375
3	TSD111/200BT	200 lbf-ft	1.500	2.750	0.750	3.630	-	-	0.500
3	TSD321	300 lbf-ft	1.500	1.750	0.500	2.375	-	-	0.500
3	TSD321BT	300 lbf-ft	1.500	2.750	0.750	3.630	-	-	0.500
3	TSD521	500 lbf-ft	2.000	2.625	0.750	3.500	-	-	0.750
3	TSD621	600 lbf-ft	2.000	2.625	0.750	3.500	-	-	0.750
3	TSD821	800 lbf-ft	2.000	2.625	0.750	3.500	-	-	0.750
3	TSD1021	1000 lbf-ft	2.500	3.500	1.000	4.625	-	-	1.000
3	TSD1221	1250 lbf-ft	2.500	3.500	1.000	4.625	-	-	1.000
3	TSD2021	2000 lbf-ft	2.500	3.500	1.000	4.625	-	-	1.000
3	TSD4021	4000 lbf-ft	4.000	4.875	1.500	6.375	-	-	1.500
3	TSD6521	6500 lbf-ft	4.000	4.875	1.500	6.375	-	-	1.500
3	TSD8021	8000 lbf-ft	4.000	4.875	1.500	6.375	-	-	1.500