












	TRS300 - Shaft to Shaft Rotary Sensor											Compatible Instruments											
	FUTEK Item #	Nm	in-lb	Shaft Size	Max RPM	Output	Nonlinearity	Hysteresis	Nonrepeatability	Cable Assembly Model	Encoder	CSG110	IBT100	IBT490	IBT500	IHH200	IHH500	IPM480	IPM490	IPM500	IPM600	USB	
	FSH01987	10	89	19 mm	3000	2mV/V	+/-0.2% of R.O.	+/-0.1% of R.O.	+/-0.2% of R.O.	ZCC910	No	Yes	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	
	FSH01988	20	177																				
	FSH01989	50	443																				
	FSH01990	100	885	38 mm																			
	FSH01991	200	1,770																				
	FSH01992	500	4,425																				
FSH01993	1,000	8,851																					
TRS600 - Non Contact Shaft to Shaft Rotary Torque Sensor											Compatible Instruments												
	FUTEK Item #	Nm	in-lb	Drive Size	Max RPM	Output	Nonlinearity	Hysteresis	Nonrepeatability	Cable Assembly Model	Encoder	CSG110	IBT100	IBT490	IBT500	IHH200	IHH500	IPM480	IPM490	IPM500	IPM600	USB	
	FSH01994	1	9	10 mm	12000	2mV/V	+/-0.2% of R.O.	+/-0.1% of R.O.	+/-0.2% of R.O.	ZCC911, ZCC915	No	No	Yes	Yes	No	No	Yes	No	Yes	No	Yes	No	No
	FSH01995	2	18																				
	FSH01996	5	44																				
	FSH01997	10	89	19 mm																			
	FSH01998	20	177																				
FSH01999	50	443																					
TRS605 - Non Contact Shaft to Shaft Rotary Torque Sensor + Encoder											Compatible Instruments												
	FUTEK Item #	Nm	in-lb	Drive Size	Max RPM	Output	Nonlinearity	Hysteresis	Nonrepeatability	Cable Assembly Model	Encoder	CSG110	IBT100	IBT490	IBT500	IHH200	IHH500	IPM480	IPM490	IPM500	IPM600	USB	
	FSH02052	1	9	10 mm	7000	+/-5VDC	+/-0.2% of R.O.	+/-0.1% of R.O.	+/-0.2% of R.O.	ZCC911	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No	No	No
	FSH02053	2	18																				
	FSH02054	5	44																				
	FSH02055	10	89	16 mm																			
	FSH02056	20	177																				
	FSH02057	50	443																				
	FSH02058	100	885	28 mm																			
	FSH02059	200	1,770																				
FSH02060	500	4,425	42 mm																				
FSH02061	1,000	8,851																					
TRS805 - Non Contact Shaft to Shaft Rotary Torque Sensor + Encoder											Compatible Instruments												
	FUTEK Item #	Nm	in-lb	Drive Size	Max RPM	Output	Nonlinearity	Hysteresis	Nonrepeatability	Cable Assembly Model	Encoder	CSG110	IBT100	IBT490	IBT500	IHH200	IHH500	IPM480	IPM490	IPM500	IPM600	USB	
	FSH03234	0.2	1.8	9 mm	50000	+/- 5 VDC	+/-0.1% of R.O.	+/-0.1% of R.O.	+/-0.1% of R.O.	12 Pin Binder	Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	No
	FSH03235	0.2	1.8																				
	FSH03236	0.5	4.4																				
	FSH03237	0.5	4.4																				
	FSH03238	1	8.9																				
	FSH03239	1	8.9																				
	FSH03240	2	17.7	10 mm																			
	FSH03241	2	17.7																				
	FSH03242	5	44.3																				
	FSH03243	5	44.3	12 mm																			
	FSH03244	10	88.5																				
	FSH03245	10	88.5																				
	FSH03246	20	177	22 mm																			
	FSH03247	20	177																				
	FSH03248	50	442.5																				
	FSH03249	50	442.5	42 mm																			
	FSH03250	100	885																				
	FSH03251	100	885																				
	FSH03252	200	1,770	70 mm																			
	FSH03253	200	1,770																				
FSH03254	500	4,425																					
FSH03255	500	4,425	10000																				
FSH03256	1000	8,851																					
FSH03257	1000	8,851																					
FSH03258	2000	17,702																					
FSH03259	2000	17,702																					
FSH03260	5000	44,254																					
FSH03261	5000	44,254																					

	TRD300 - Square Drive Rotary Torque Sensor											Compatible Instruments										
	FUTEK Item #	Nm	in-lb	Drive Size	Max RPM	Output	Nonlinearity	Hysteresis	Nonrepeatability	Cable Assembly Model	Encoder	CSG110	IBT100	IBT490	IBT500	IHH200	IHH500	IPM480	IPM490	IPM500	IPM600	USB
	FSH01983	6	53.1	1/4"	3000	2mV/V	+/-0.2% of R.O.	+/-0.1% of R.O.	+/-0.2% of R.O.	ZCC910	No	Yes	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes
	FSH01967	12	106.2	1/4"																		
	FSH01968	25	221.2	3/8"																		
	FSH01969	63	557.6	3/8"																		
	FSH01970	160	1416.1	1/2"																		
	FSH01971	500	4425.5	3/4"																		
	FSH01972	1000	8851	1"																		
	TRD305 - Square Drive Rotary Torque Sensor + Encoder											Compatible Instruments										
	FUTEK Item #	Nm	in-lb	Drive Size	Max RPM	Output	Nonlinearity	Hysteresis	Nonrepeatability	Cable Assembly Model	Encoder	CSG110	IBT100	IBT490	IBT500	IHH200	IHH500	IPM480	IPM490	IPM500	IPM600	USB
	FSH01984	6	53.1	1/4"	3000	2mV/V	+/-0.2% of R.O.	+/-0.1% of R.O.	+/-0.2% of R.O.	ZCC980	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
	FSH01973	12	106.2	1/4"																		
	FSH01974	30	265.5	3/8"																		
	FSH01975	63	557.6	3/8"																		
	FSH01976	160	1416.1	1/2"																		
	FSH01977	500	4425.5	3/4"																		
	FSH01978	1000	8851	1"																		
	TRD600 - Non Contact Sq Drive Rotary Torque Sensor											Compatible Instruments										
	FUTEK Item #	Nm	in-lb	Drive Size	Max RPM	Output	Nonlinearity	Hysteresis	Nonrepeatability	Cable Assembly Model	Encoder	CSG110	IBT100	IBT490	IBT500	IHH200	IHH500	IPM480	IPM490	IPM500	IPM600	USB
	FSH02008	12	106.2	1/4"	12000	+/-5VDC	+/-0.2% of R.O.	+/-0.1% of R.O.	+/-0.2% of R.O.	ZCC911	No	No	Yes	Yes	No	No	Yes	No	Yes	No	No	No
	FSH02009	18	159.3	1/4"	9000																	
	FSH02010	50	442.5	3/8"																		
	FSH02011	63	557.6	3/8"																		
	FSH02012	100	885.1	1/2"	7000																	
	FSH02013	150	1327.6																			
	FSH02014	160	1416.1	3/4"																		
	FSH02015	250	2212.7																			
	FSH02016	300	2655.3																			
	FSH02017	500	4425.5																			
FSH02018	1000	8851	1"																			
	TRD605 - Non Contact Sq Drive Rotary Torque Sensor + Encoder											Compatible Instruments										
	FUTEK Item #	Nm	in-lb	Drive Size	Max RPM	Output	Nonlinearity	Hysteresis	Nonrepeatability	Cable Assembly Model	Encoder	CSG110	IBT100	IBT490	IBT500	IHH200	IHH500	IPM480	IPM490	IPM500	IPM600	USB
	FSH02024	12	106.2	1/4"	7000	+/-5VDC	+/-0.2% of R.O.	+/-0.1% of R.O.	+/-0.2% of R.O.	ZCC911	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No	No
	FSH02025	18	159.3	1/4"																		
	FSH02026	50	442.5	3/8"																		
	FSH02027	63	557.6																			
	FSH02028	100	885.1	1/2"																		
	FSH02029	150	1327.6																			
	FSH02030	160	1416.1																			
	FSH02031	250	2212.7	3/4"																		
	FSH02032	300	2655.3																			
	FSH02033	500	4425.5																			
FSH02034	1000	8851	1"																			

	TRH300 - Hex Drive Rotary Torque Sensor											Compatible Instruments										
	FUTEK Item #	Nm	in-lb	Hex Drive Size	Max RPM	Output	Nonlinearity	Hysteresis	Nonrepeatability	Cable Assembly Model	Encoder	CSG110	IBT100	IBT490	IBT500	IHH200	IHH500	IPM480	IPM490	IPM500	IPM600	USB
	FSH01979	2	17.7	1/4"	3000	1mV/V	±0.2% of R.O.	±0.1% of R.O.	±0.2% of R.O.	ZCC910	No	Yes	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes
	FSH01980	6	53.1			2mV/V																
	FSH01981	12	106.2																			
	FSH01982	20	177.0																			
	TRH600 - Non Contact Hex Drive Rotary Torque Sensor											Compatible Instruments										
	FUTEK Item #	Nm	in-lb	Hex Drive Size	Max RPM	Output	Nonlinearity	Hysteresis	Nonrepeatability	Cable Assembly Model	Encoder	CSG110	IBT100	IBT490	IBT500	IHH200	IHH500	IPM480	IPM490	IPM500	IPM600	USB
	FSH02002	0.5	4.4	1/4"	12000	±5VDC	±0.2% of R.O.	±0.1% of R.O.	±0.2% of R.O.	ZCC911	No	No	Yes	Yes	No	No	Yes	No	Yes	No	No	No
	FSH02003	1	8.8																			
	FSH02004	2	17.7																			
	FSH02005	6	53.1																			
	FSH02006	12	106.2																			
	FSH02007	18	159.3																			
	TRH605 - Hex Drive Rotary Torque Sensor + Encoder											Compatible Instruments										
	FUTEK Item #	Nm	in-lb	Hex Drive Size	Max RPM	Output	Nonlinearity	Hysteresis	Nonrepeatability	Cable Assembly Model	Encoder	CSG110	IBT100	IBT490	IBT500	IHH200	IHH500	IPM480	IPM490	IPM500	IPM600	USB
	FSH02037	0.5	4.4	1/4"	12000	±5VDC	±0.2% of R.O.	±0.1% of R.O.	±0.2% of R.O.	ZCC911	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No
	FSH02038	1	8.8																			
	FSH02039	2	17.7																			
	FSH02040	6	53.1																			
	FSH02041	12	106.2																			
	FSH02042	18	159.3																			