

TENSOR ES

ETV ES, ETD/ETF ES, ETP ES

- Torque transducer with an accuracy of $\pm 7.5\%$ over six sigma.
- Robust, sealed design.
- New durable motor with higher speeds.
- Engineered in modules with component commonality.
- Clear LEDs visible through 360°.
- Hot swap.



ETP ES



ETV ES



ETD ES



ETF ES

Model	Square drive	Torque range		Speed	Weight		Length	CS distance	Ordering No.
	In	Nm	ft lb	r/min	kg	lb	mm	mm	
Angle models									
ETV ES21-04-06	1/4	1.6-4.5	1.2-3.3	1909	0.85	1.9	284	9.5	8436 0120 04
ETV ES21-07-06	1/4	2.8-7	2.1-5.2	1147	0.85	1.9	284	9.5	8436 0120 07
ETV ES21-12-06	1/4	4.8-12	3.5-8.9	718	0.95	2.1	304	11	8436 0120 12
ETV ES21-20-10	3/8	8-20	5.9-14.8	430	1.05	2.3	303	14	8436 0120 20
ETV ES61-25-10	3/8	10-25	7.4-18.4	1378	1.8	4.0	419	14	8436 0160 25
ETV ES61-30-10	3/8	12-30	8.9-22.1	1160	1.8	4.0	421	15.5	8436 0160 30
ETV ES61-40-10	3/8	16-40	11.8-29.5	1153	1.9	4.2	441	18	8436 0160 40
ETV ES61-50-10	3/8	20-50	14.8-36.9	692	1.9	4.2	441	18	8436 0160 50
ETV ES61-70-13	1/2	28-70	20.7-51.6	439	3.1	6.8	499	20	8436 0160 70
ETV ES61-100-13	1/2	40-100	29.5-73.8	370	3.15	6.9	505	22.5	8436 0160 10
ETV ES61-150-13	1/2	60-150	44.3-110.6	296	3.2	7.1	541	26	8436 0160 15
ETV ES61-180-13	1/2	72-180	53-133	232	3.2	7.1	541	26	8436 0160 18
ETV ES61-200-20	3/4	80-200	59-147.5	203	3.4	7.5	543	27	8436 0160 20
Quick chuck									
ETV ES21-12-I06-QC	–	4.8-12	3.5-8.9	718	0.95	2.1	304	11	8436 0121 12
Flush socket									
ETV ES61-30-FS	–	12-30	8.9-22.1	1160	1.8	4.0	421	16	8436 0160 51
ETV ES61-40-FS	–	16-40	11.8-29.5	1145	1.9	4.2	441	18	8436 0160 52
ETV ES61-50-FS	–	20-50	14.8-36.9	687	1.9	4.2	441	18	8436 0160 53
ETV ES61-70-FS	–	28-70	20.7-51.6	439	3.1	6.8	499	20	8436 0160 54
ETV ES61-100-FS	–	40-100	29.5-73.8	370	3.15	6.9	505	23	8436 0160 55
ETV ES61-150-FS	–	60-150	44.3-110.6	296	3.2	7.1	541	26	8436 0160 57
ETV ES61-180-FS	–	72-180	53-133	232	3.2	7.1	541	26	8436 0160 58
ETV ES61-200-FS	–	80-200	59-147.5	203	3.4	7.5	543	28	8436 0160 59
Hold & Drive									
ETV ES61-30-HAD	–	6-30	4-21	1160	2.4	5.3	442	18.3	8436 0160 61
ETV ES61-50-HAD	–	20-50	14.8-36.9	692	2.2	4.9	441	18	8436 0160 62
ETV ES61-100-HAD	–	40-100	29.5-73.8	370	3.9	8.6	539	26	8436 0160 63
ETV ES61-150-HAD	–	60-150	44.3-110.6	296	3.4	7.5	541	26	8436 0160 64
ETV ES61-180-HAD	–	72-180	53-133	232	3.4	7.5	540.4	26	8436 0160 65
ETV ES61-200-HAD	–	80-200	59-147.5	203	3.8	8.4	543	28	8436 0160 66