



TCAE-S SERIES

A close-coupled design for applications where axial space is limited. In addition, an economical spacer design is available to extend the length of the coupling.

TCAE-S Series

TCAE MODEL	Max. Bore Diameter	Min. D.B.S.E	Swing Diameter	Continuous Torque, T*** ₁₀₀	Nominal Power Cap * kW			Stop, Start Reversing
	mm	mm	mm	Nm	1000 rpm	1500 rpm	Max rpm**	
TCAE-S-1	30	10	152	408	14	19	3,000rpm 34kW	Confirm with Spreadsheet or Factory
TCAE-S-2	40	10	179	826	28	39	3,000rpm 68kW	
TCAE-S-3	50	10	215	1,443	48	67	3,000rpm 119kW	
TCAE-S-4	55	10	236	2,243	73	102	3,000rpm 178kW	
TCAE-S-5	60	10	270	3,686	120	167	3,000rpm 292kW	
TCAE-S-6	65	10	244	3,823	124	172	2,200rpm 235kW	
TCAE-S-7	65	10	272	5,898	192	267	2,200rpm 363kW	
TCAE-S-8	85	10	292	7,741	253	350	2,200rpm 477kW	
TCAE-S-9	100	10	336	12,217	403	559	2,000rpm 706kW	
TCAE-S-10	125	10	376	18,115	591	819	1,500rpm 819kW	
TCAE-S-11	130	10	420	25,909	840		1,400rpm 1,101kW	
TCAE-S-12	150	10	462	35,598	1,161		1,200rpm 1,345kW	
TCAE-S-13	170	10	504	47,604	1,550		1,000rpm 1,550kW	
TCAE-S-14	200	10	580	66,983			800rpm 1,823kW	

* Based on machine service factor of 1.25, misaligned angle of 1 degree and service life of 7,200 hours

** Power Cap. at maximum rated speed available in detailed technical specifications.

*** Continuous Torque, T₁₀₀ is defined as the unfactored torque value when run for 8 hours per day and 25 days per month at 100 rpm with a 0° coupling angle and machine service factor of 1 will give 3 years continuous service life



TCAE-V SERIES

A compact, heavy duty coupling with short axial dimensions capable of transmitting a high torque capacity. May be used in both horizontal and vertical applications.

TCAE-V Series

TCAE MODEL	D.B.S.E. mm		Swing Diameter	Continuous Torque, T*** ₁₀₀	Nominal Power Cap * kW			Stop, Start Reversing
	min	max	mm	Nm	1000 rpm	1500 rpm	Max rpm**	
TCAE-V-00	74	80	118	176	6	8	3,000rpm 14kW	Confirm with Spreadsheet or Factory
TCAE-V-0	84	92	134	279	9	12	3,000rpm 22kW	
TCAE-V-1	96	108	152	408	13	18	3,000rpm 32kW	
TCAE-V-2	127	139	177	837	26	37	3,000rpm 64kW	
TCAE-V-3	140	156	215	1,415	45	62	3,000rpm 108kW	
TCAE-V-4	162	178	236	2,190	68	95	3,000rpm 165kW	
TCAE-V-5	196	212	270	3,616	116	160	3,000rpm 279kW	
TCAE-V-6	250	294	225	6,165	201	278	2,500rpm 420kW	
TCAE-V-7	244	296	250	8,150	268	372	2,500rpm 562kW	
TCAE-V-8	242	294	300	16,870	549	762	2,200rpm 1,037kW	
TCAE-V-9	300	372	350	23,053	757	1,050	2,000rpm 1,325kW	
TCAE-V-10	300	372	390	31,967	1,042	1,445	1,500rpm 1,445kW	
TCAE-V-11	322	402	440	38,669	1,264		1,400rpm 1,658kW	
TCAE-V-12	482	574	490	66,414	2,168		1,200rpm 2,512kW	
TCAE-V-13	482	574	550	110,185	3,597		1,000rpm 3,579kW	
TCAE-V-14	552	604	625	167,457			800rpm 4,651kW	

* Based on machine service factor of 1.25, misaligned angle of 1 degree and service life of 7,200 hours

** Power Cap. at maximum rated speed available in detailed technical specifications.

*** Continuous Torque, T₁₀₀ is defined as the unfactored torque value when run for 8 hours per day and 25 days per month at 100 rpm with a 0° coupling angle and machine service factor of 1 will give 3 years continuous service life



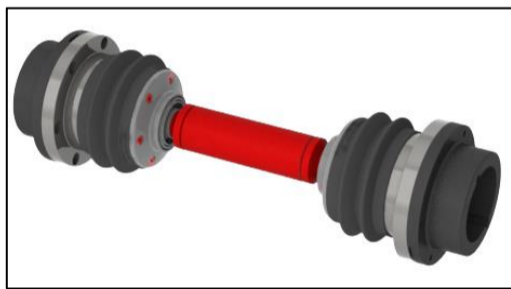
TCAE-R SERIES

The regular range of couplings delivering high performance across high-speed ranges, at constant velocity. Offers a long service life, high reliability and a high transmission efficiency.

TCAE-R Series

TCAE MODEL	D.B.S.E. mm		Swing Diameter mm	Continuous Torque, T*** ₁₀₀ Nm	Nominal Power Cap * kW			Stop, Start Reversing
	min	max			1000 rpm	1500 rpm	Max rpm**	
TCAE-R-1	130	140	148	384	12	17	3,000rpm 30kW	Confirm with Spreadsheet or Factory
TCAE-R-2	136	150	178	906	30	42	3,000rpm 74kW	
TCAE-R-3	264	288	215	1,527	49	68	3,000rpm 184kW	
TCAE-R-4	285	305	253	2,475	77	106	3,000rpm 118kW	
TCAE-R-5	300	330	278	3,686	124	172	3,000rpm 302kW	
TCAE-R-6	277	305	300	5,266	166	230	2,700rpm 369kW	
TCAE-R-7	310	330	330	7,162	240	334	2,300rpm 474kW	
TCAE-R-8	330	358	370	9,479	316	442	2,000rpm 560kW	

* Based on machine service factor of 1.25, misaligned angle of 1 degree and service life of 7,200 hours
 ** Power Cap. at maximum rated speed available in detailed technical specifications.
 *** Continuous Torque, T₁₀₀ is defined as the unfactored torque value when run for 8 hours per day and 25 days per month at 100 rpm with a 0° coupling angle and machine service factor of 1 will give 3 years continuous service life



TCAE-L SERIES

The L-series makes use of either a hollow or solid shaft of varying lengths designed to the customer's requirements. The shaft may also be of a fixed or sliding type. Used where the distance between shaft ends is too large for a spacer type coupling.

TCAE-L Series

TCAE MODEL	D.B.S.E. mm		Swing Diameter mm	Continuous Torque, T*** ₁₀₀ Nm	Nominal Power Cap * kW ***			Stop, Start Reversing
	min	max			1000 rpm	1500 rpm	Max rpm**	
TCAE-L-1	307	To Customer Needs	148	384	12	17	3,000rpm 30kW	Confirm with Spreadsheet or Factory
TCAE-L-2	386		178	906	30	42	3,000rpm 74kW	
TCAE-L-3	429		215	1,527	49	68	3,000rpm 184kW	
TCAE-L-4	473		253	2,475	77	106	3,000rpm 118kW	
TCAE-L-5	500		278	3,686	124	172	3,000rpm 302kW	
TCAE-L-6	582		300	5,266	166	230	2,700rpm 369kW	
TCAE-L-7	643		330	7,162	240	334	2,300rpm 474kW	
TCAE-L-8	760		370	9,479	316	442	2,000rpm 560kW	
TCAE-L-9	535		336	12,217	403	559	1,600rpm 589kW	
TCAE-L-10	570		376	18,115	591		1,300rpm 730kW	
TCAE-L-11	650		420	25,909	840		1,200rpm 973kW	
TCAE-L-12	715		462	35,598	1,161		1,100rpm 1,254kW	
TCAE-L-13	770		504	47,604	1,550		1,000rpm 1,550kW	
TCAE-L-14	840		580	66,983			800rpm 1,823kW	

* Based on machine service factor of 1.25, misaligned angle of 1 degree and service life of 7,200 hours
 ** Power Cap. at maximum rated speed available in detailed technical specifications.
 *** Continuous Torque, T₁₀₀ is defined as the unfactored torque value when run for 8 hours per day and 25 days per month at 100 rpm with a 0° coupling angle and machine service factor of 1 will give 3 years continuous service life.
 ****Maximum power cap. subject to shaft length.