

CTS800 SERIES

Frequency Converter

Rated Power: 0.75-160kW

- Advanced vector control technology makes the control more accurate and the dynamic performance more excellent.
- Support asynchronous motor VF, SVC, VC control and permanent magnet synchronous motor SVC control.
- The output frequency is 0.50~650.0HZ and the resolution reaches 0.01Hz.
- Ultra-low noise, carrier frequency can be adjusted from 3k to 12k.
- Timely and reliable protection, with high system stability and supports parameter copying functionality.
- Auto-boost torque starting at 150%/0.5Hz, with torque control accuracy of $\pm 5\%$.



Product advantages

- Suitable for harsh indoor operating environments, such as dust, graphite, humidity, and environments with certain corrosive elements.

Technical Data

Motor Type	Rated Power	Rated Speed	Efficiency	Power Factor	Current		Torque		Moment of inertia(J)	Approx WT
	kW	RPM	%		400V	690V	Locked Rotor	Pull Out	Kg-m ²	Kg
CST3-400F1-02P	355	2985	95.8	89	601	348	150	200	5.9	2550
CST3-400F2-02P	400	2985	95.8	89	677	393	150	200	6.4	2630
CST3-400F3-02P	450	2985	95.8	89	762	442	150	200	6.9	2810
CST3-400F4-02P	500	2985	95.8	89	846	491	150	200	7.4	3025
CST3-400F4-02P	560	2985	95.8	89	948	550	150	200	7.9	3075
CST3-400F5-02P	630	2985	95.8	89	1067	618	150	200	8.9	3150
CST3-400F1-04P	355	1485	96	88	607	352	110	200	14.2	2780
CST3-400F2-04P	400	1485	96	88	683	396	110	200	14.9	2980
CST3-400F3-04P	450	1485	96	88	769	446	110	200	15.9	3090
CST3-400F4-04P	500	1485	96	88	854	495	110	200	17.8	3190
CST3-400F5-04P	560	1485	96	88	957	555	110	200	19.7	3310
CST3-400F6-04P	630	1485	96	88	1076	624	110	200	20.5	3420
CST3-400F1-06P	315	990	95.8	85	558	324	120	200	23.3	2900
CST3-400F2-06P	355	990	95.8	85	629	365	120	200	25.1	3035
CST3-400F3-06P	400	990	95.8	85	709	411	120	200	27	3150
CST3-400F4-06P	450	990	95.8	85	798	462	120	200	29.4	3360
CST3-400F5-06P	500	990	95.8	85	886	514	120	200	30	3580
CST3-400F1-08P	250	742	94.7	81	470	273	110	200	26.7	2780
CST3-400F2-08P	280	742	94.8	81	526	305	110	200	28.9	3000
CST3-400F3-08P	315	742	94.9	81	591	343	110	200	31.1	3100
CST3-400F4-08P	355	742	95.1	81	665	386	110	200	33.7	3310
CST3-400F5-08P	400	742	95.2	81	749	434	110	200	35.6	3590
CST3-400F1-10P	180	590	94.0	78	354	205	110	200	25.2	2680
CST3-400F2-10P	200	590	94.1	78	393	228	110	200	27.1	2810
CST3-400F3-10P	220	590	94.2	78	432	251	110	200	28.6	3060
CST3-400F4-10P	250	592	94.3	78	491	284	110	200	30.1	3280
CST3-400F5-10P	280	592	94.5	78	548	318	110	200	32.8	3410
CST3-400F1-12P	160	492	94.4	72	340	197	100	200	27.4	2750
CST3-400F2-12P	180	492	94.5	72	382	221	100	200	28.6	2880
CST3-400F3-12P	200	492	94.6	72	424	246	100	200	29.8	3100
CST3-400F4-12P	220	492	94.7	72	466	270	100	200	31.9	3290
CST3-400F5-12P	250	492	94.8	72	529	306	100	200	33.8	3450