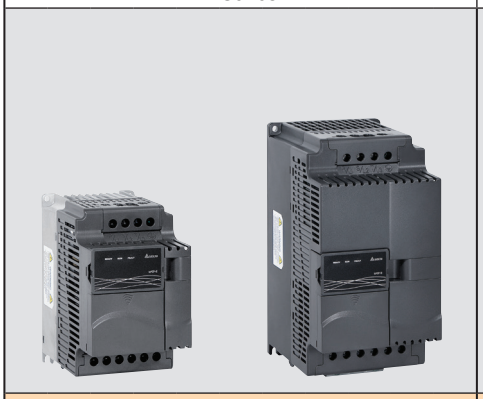
E Series											C2000 Series																			
																														
three phase											three phase																			
004	007	015	022	037	055	075	110	150	185	220	040	055	075	110	150	185	220	300	370	450	550	750	900	1100	1320	1600	1850	2200	2800	3150	3550
A	A	A	B	B	C	C	C	D	D	D	A	A	B	B	B	C	C	C	D	D	D	D	E	E	F	F	G	G	H	H	H
0.4	0.75	1.5	2.2	3.7	5.5	7.5	11	15	18.5	22	4	5.5	7.5	11	15	18.5	22	30	37	45	55	75	90	110	132	160	185	220	280	315	355
1.2	2	3.3	4.4	6.8	9.9	13.7	18.3	24	29	34	8.4	10	14	19	25	30	36	48	58	73	84	114	136	167	197	235	280	348	417	466	517
1.5	2.5	4.2	5.5	8.5	13	18	24	32	38	45	10.5	12	18	24	32	38	45	60	73	91	110	150	180	220	260	310	370	460	550	616	683
0.10 - 599.0 Hz											normal duty: 0.1 - 600 Hz; heavy duty: 0.00 - 300 Hz																			
1 - 15 kHz											2 - 6kHz (2kHz)																			
–											7.6	9.6	14	18	24	29	34	45	55	69	84	114	136	167	197	235	280	348	417	466	517
–											9.5	11	17	23	30	36	43	57	69	86	105	143	171	209	247	295	352	437	523	585	649
–											2 - 15kHz				2 - 10kHz									2 - 9kHz							
1.9	3.2	4.3	7.1	11.2	14	19	26	35	41	49	14.5	16	19	25	33	38	45	60	70	96	108	149	159	197	228	285	361	380	469	527	594
–											15.5	17	20	26	35	40	47	63	74	101	114	157	167	207	240	300	380	400	494	555	625
3-phase AC 380V ÷ 480V 50/60Hz											3-phase AC 380V ÷ 480V (-15% ÷ +10%), 50/60Hz (also available in 500-690V versions)																			
342 - 528V											323 - 528 VAC																			
47 - 63Hz ± 5%											47 - 63 Hz																			
convection			fan cooling								fan cooling																			
built-in											built -in					optional														
optional											optional					built-in														
SPWM (V/F or sensorless vector control)											1: V/F, 2: SVC, 3: VF+PG, 4: FOC+PG, TQC+PG																			
up to 150% at 3.0Hz											up to 150% or above at 0.5Hz; under FOC+PG mode can reach up to 150% at 0Hz																			
0.1 - 599.0 Hz											Normal duty: 0.01 ÷ 600.00Hz; Heavy duty: 0.00 ÷ 300.00Hz																			
–											digital command: ± 0.01%, -10°C ÷ +40°C, analogue command: ± 0.1%, 25 ±10°C																			
0.01Hz											digital command: 0.1Hz, analogue command: 0.03/60Hz (±11 bits)																			
150% of rated output current for 60 seconds											120% of rated output current for 1 minute of every 5 minutes (160% for 3 seconds of every 30 seconds)																			
150% of rated current for 1 minute											150% of rated output current for 1 minute of every 5 minutes (180% for 3 seconds of every 30 seconds)																			
Potentiometer 5 kΩ / 0.5 W, 0 to +10 VDC, 4 to 20 mA, RS-485 interface											+10V ÷ -10, 0 ÷ +10V, 4-20mA, pulse input																			
0.1 - 600 sec. (2 independent settings accel/decel time)											0.00 ÷ 600.00 / 0.0 ÷ 6000.0 seconds																			
Built-in PLC, AVR, accel/decel S-Curve, over-voltage/current stall prevention, 5 fault records, reverse inhibition, momentary power loss restart, DC braking, auto torque/slip compensation, auto tuning, adjustable carrier frequency, output frequency limits, parameter lock/reset, vector control, PID control, external counter, MODBUS communication, abnormal reset/re-start, power-saving, fan control, NPN/PNP selection											torque control, speed/torque control switching, feed forward control, zero-servo control, momentary power loss ride through, speed search, over-torque detection, torque limit, 16-step speed (including master speed), accel/decel time switch, S-curve accel/decel, 3 wire sequence, auto-tuning (rotational, stationary), dwell, slip compensation, torque compensation, skip frequency, frequency upper/lower limit settings, DC injection braking at start/stop, high slip braking, PID control (with sleep function), energy saving control, MODBUS communication (RS-485 RJ45) max. 115.2kbps, fault restart and parameter copy.																		
fan control											ON/OFF switch					PWM control														
over/under-volt/current, external fault, overload, IGBT short circuit, PTC											electronic thermal relay protection																			
yes											thermal current forces 240% of the over-current protection, current clamp: normal duty 170 - 175%; heavy duty: 180 - 185%																			
yes											drive will stop when DC-BUS voltage exceeds 820V																			
yes											built-in temperature sensor																			
Setting 20 to 250% of rated current											stall prevention during acceleration, deceleration and running independently																			
yes											parameter setting can be up to 20 seconds																			
yes											ground current protection level is 50% of rated current of the AC motor drive																			
built-in											built-in					optional														
142		174		260			310				250		320			400			550			590		800		1000			1435	
72		100		130			200				130		190			250			330			370		420		500			700	
152		152		169			190				170		190			210			275			300		300		397			398	
1.2		1.9		4.2			7.47				2.6		5.4			9.8			27		38.5	65		87		134				
Analog I/O cards - relay cards - PG cards - USB expansion cards - Fieldbus modules - digital keypad - DIN rail adaptor - brake unit											Digital keypad and panel mount adaptor, I/O extension cards, relay extension cards, PG encoder cards, EtherNet/IP - MODBUS TCP -PROFIBUS-DP - DeviceNet - CANopen communication cards																		