

C2000 Series																				L Series						
3 phase																				L Series (sub fractional)						
040	055	075	110	150	185	220	300	370	450	550	750	900	1100	1320	1600	1850	2200	2800	3150	3550	40W	001	002	004	007	
A	A	B	B	B	C	C	C	D	D	D	D	E	E	F	F	G	G	H	H	H	H	-	-	-	-	-
4	5.5	7.5	11	15	18.5	22	30	37	45	55	75	90	110	132	160	185	220	280	315	355	0.04	0.1	0.2	0.4	0.75	
8.4	10	14	19	25	30	36	48	58	73	88	120	143	175	207	247	295	367	438	491	544	0.15	0.3	0.6	1	1.6	
10.5	12	18	24	32	38	45	60	73	91	110	150	180	220	260	310	370	460	550	616	683	0.4	0.8	1.6	2.5	4.2	
normal duty: 0.1 – 600 Hz; heavy duty: 0.00 – 300 Hz																				1.0 - 125Hz		1.0 - 400Hz				
2 – 15kHz					2 – 10kHz					2 – 9kHz										-		3 - 10kHz				
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										-		-				
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	0.7	1.4	4.9	6.5	9.7	
3-phase AC 380V – 480V (-15% – +10%), 50/60Hz																				1-phase 200 - 240V 50Hz						
323 – 528 VAC																				180 – 264V ±10%						
47 – 63 Hz																				± 5% (47 – 63Hz)						
fan cooling																				convection						
built-in										optional										-						
optional										built-in										-						
1: V/F, 2: SVC, 3: VF+PG, 4: FOC+PG																				SVPWM						
up to 150% or above at 0.5Hz; up to 150% at 0Hz for 1 minute																				up to 150% at 5.0Hz						
4-point adjustable V/f curve and square curve																				adjustable V/f pattern						
max. 200% torque current																				-						
normal duty: 0.01 – 600.00Hz; heavy duty: 0.00 – 300.00Hz																				1.0 – 125Hz		0.1 – 400Hz				
digital command: ± 0.01%, -10°C – +40°C, analog command: ± 0.1%, 25 ±10°C																				5%						
digital command: 0.1Hz, analog command: 0.03/60Hz (±11 bits)																				0.1Hz						
normal duty: 120%; heavy duty: 150% of rated output current for 1 min.																				150% for 1 min.						
-10 – +10V, 0 – +10V, 4-20mA, pulse input																				5k/0.5W, 0-+10 VDC, 4 – 20mA						
0.00 – 600.00 / 0.0 – 6000.0 seconds																				0.1 – 600 sec.						
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.																				multi-step speed selection, jog, accel/decel inhibit, counter, PLC operation, external base block						
ON/OFF switch										PWM control										-						
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																				yes						
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																				yes						
-																				built-in						
250	320	400	550	590	940	1000	1435														132					
130	190	250	330	370	420	550	700														68					
170	190	210	275	300	300	397	398														128					
EtherNet/IP – MODBUS TCP - PROFIBUS-DP - DeviceNet - CANopen communication cards																										
Relay card (6 relays) – I/O extension card (4 digital inputs and 2 digital outputs) – input extension card (6 inputs)																										
various PG (encoder) feedback cards – digital keypad with multi-function keys, warning indicators and fault code display IP56 panel mounting.																										