

iMaster Compact Drive C1 0.4kW ~ 15kW for 200V/400V

Easy + Simple + User Friendly Compact Drive

- Removable Keypad
- Built-in EMC Filter (Optional)
- Built-in Fieldbus Option
(Ethernet/IP, Modbus-TCP, Profinet-IO, ProfiBus DP, DeviceNet)

Powerful Starting Torque

- Dual rating (Heavy Duty & Normal Duty)
- V/F with Auto Torque Boost, Sensorless Vector Control
- High Torque at low speed (150% @ 1Hz)

Improved Reliability

- Conformity to Global Standards; UL, CE, RoHS
- Conformal coating of internal PC board for harsh environment

 **eConomic + Compact + eCo Friendly Drive**



iMaster Compact Drive C1

iMaster C1 Line-up : 3Phase 200V 0.4~15kW / 3Phase 400V 0.4~15kW

Model		004	007	015	022	037	055	075	110	150	004	007	015	022	037	055	075	110	150		
Voltage [V]		3Φ 200~240										3Φ 380~480									
Applicable	ND	0.75	1.5	2.2	3.7	5.5	7.5	11	15	18.5	0.75	1.5	2.2	3.7	5.5	7.5	11	15	18.5		
Motor [kW]	HD	0.4	0.75	1.5	2.2	3.7	5.5	7.5	11	15	0.4	0.75	1.5	2.2	3.7	5.5	7.5	11	15		
Rated Output	ND	5	7	11	17	24	32	45	64	76	3.4	4.8	7.2	9.2	12	16	23	32	38		
Current [A]	HD	3	5	7	11	17	24	32	45	64	1.8	3.4	4.8	7.2	9.2	12	16	23	32		
Frame		C1		C2		C3		C4		C5		C2				C3		C4		C5	
Cooling		Natural	Forced								Forced										

Specifications

Frequency Control Range	0.01 to 400Hz
Carrier Frequency	1~16kHz (default :2kHz)
Acceleration / Deceleration	0.1~3,000sec (Linear, S curve, U curve)
Starting Torque	100% / 5 Hz (V/f Control) , 150% / 1 Hz (Sensorless Vector Control)
Ambient Temperature	-10 to 50 °C / Side by Side Installation : -10 to 40 °C
Humidity	95% RH or less (no condensation)
Protective Design	IP20 open-chassis

Dimension

Frame	C1	C2	C3	C4	C5
W [mm]	68	108	140	180	220
H [mm]	128	128	128	220	260
D [mm]	128	142	147	158	190

