

IMASTER C1

Versatile Compact Drive

5.5kW~15kW for 200V / 5.5kW~22kW for 400V

Excellent Applicability

- KEB Function
- External Brake Control (for Lift, Hoist)
- Automatic current suppression function (minimization of inverter stop)
- Adoption of optimal algorithm to minimize the motor loss

High Perfotmance

- V/F, User V/F, Enhanced Sensorless Vector control
- Dual Rating (Heavy Duty & Normal Duty)
- High Torque at low speed (150% @ 1 Hz)
- Built-in EMC Filter (Optional)

Easy, Simple, User friendly Options

- Removable Keypad
- Side by Side Installation
- Built-in Filedbus communication (Optional)
- Easy Installation & Simple Operation



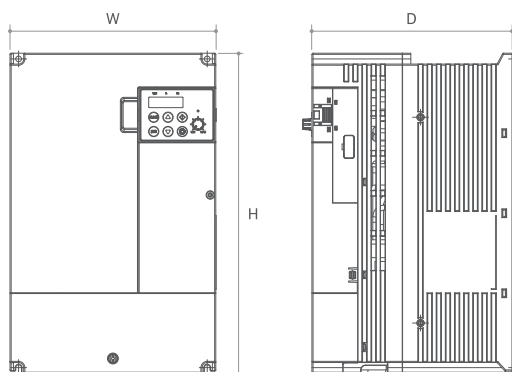
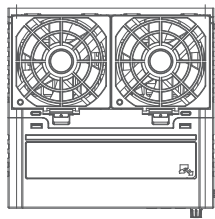
iMaster Compact Drive C1

iMaster C1 Line-up : 3Phase 200V 5.5~15kW / 3Phase 400V 5.5~22kW

Model		055	075	110	015	055	075	110	150	185	220
Voltage [V]		3Φ 200~240				3Φ 380~480					
Applicable Motor [kW]	ND	7.5	11	15	18.5	7.5	11	11	18.5	22	30
	HD	5.5	7.5	11	15	5.5	7.5	7.5	15	18.5	22
Rated Output	ND	30	40	56	73	17.5	23	45	38	44	58
Current [A]	HD	25	33	47	64	14.8	18	32	32	39	45
Frame		C4		C5	C6	C4		C5		C6	
Cooling		Force				Force					

Specifications

Frequency Control Range	0.00 to 400Hz
Carrier Frequency	1~16kHz (default :5kHz)
Acceleration / Deceleration	0.1~6,000sec (Linear, S curve, U curve)
Starting Torque	100% / 5 Hz (V/f Control) , 150% / 1 Hz (Sensorless Vector Control)
Ambient Temperature	-10 to 50℃ / Side by Side Installation : -10 to 40℃
Humidity	90% RH or less (no condensation)
Protective Design	IP20 open-chassis



Dimension

Frame	C4	C5	C6
W [mm]	140	180	220
H [mm]	128	220	260
D [mm]	147	158	190

