



JOINT PEER SYSTEC CORP.

IRIS

www.jps.com.tw



2 R X - I M A C - P C M D - A - C

Input Voltage

**220V
380V**

**Series
R:IRIS**

**Output Current
Current: 3.5~90A
Current: 5.5~45A**

Control Motor

**IMAC-A
IMSV
BLAC
PMSV**

Firmware Version

**STD
FOAM
SBELT
SPOOL**

Factory Only

Control Panel

**C:C-Panel
R:R-Panel**

Specification

220V Rated Specification

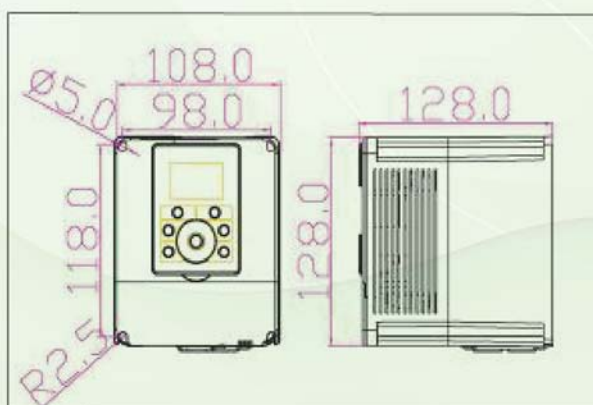
2 R□	2	3P5	5	7	11	17	24	33	46	61	90
Rated Current	2	3.5	5	7	11	17	24	33	46	61	90
Rated Output(HP)	0.5	1	1.5	2	3	5	7.5	10	15	20	30
Rated Output(KVA)	0.65	1.3	1.8	2.5	4.0	6.5	9.5	13	19	25	34
Rated Power	0.4	0.75	1	1.5	2.2	3.7	5.5	7.5	11	15	22.5
Max Output Voltage(V)	Match 3 phase Input Voltage										
Dimension	P1			P2		P3		P4			

380V Rated Specification

4 R□	5P5	8P5	12	17	23	31	45
Rated Current	5.5	8.5	12	17	23	31	45
Rated Output(HP)	3	5	7.5	10	15	20	30
Rated Output(KVA)	4.0	6.5	9.5	13	19	25	34
Rated Power	2.2	3.7	5.5	7.5	11	15	22.5
Max Output Voltage(V)	Match 3 phase Input Voltage						
Dimension	P2		P3		P4		

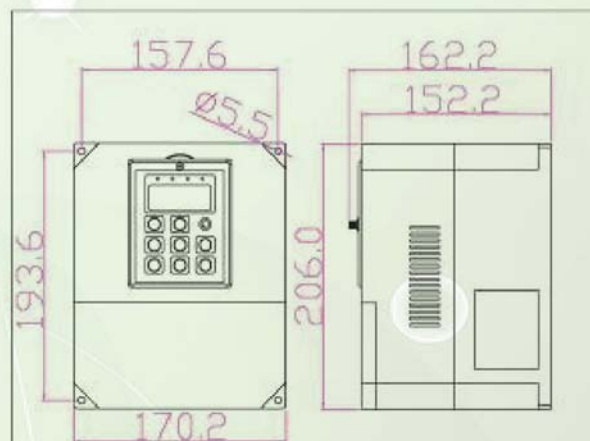
Dimension

P1 : 0.5HP~2HP Unit : mm



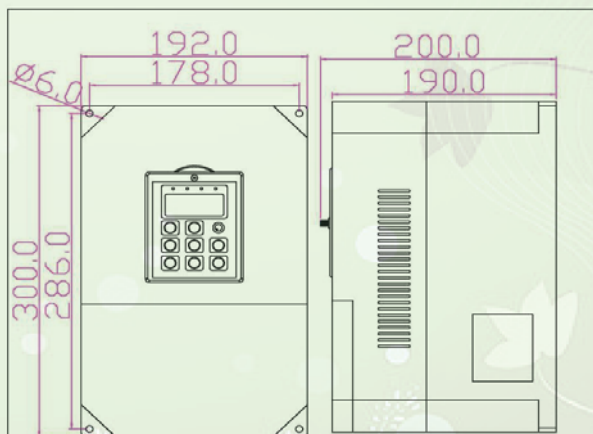
品名	IRIS-IMAC-B				
圖名	IRIS-IMAC-B 0.5~2HP	比例	1:1	重量	1.5Kg
		單位	mm		
JPS 正頻企業股份有限公司 JOINT PEER SYSTEC CORP.					

P2 : 3HP~5HP Unit : mm



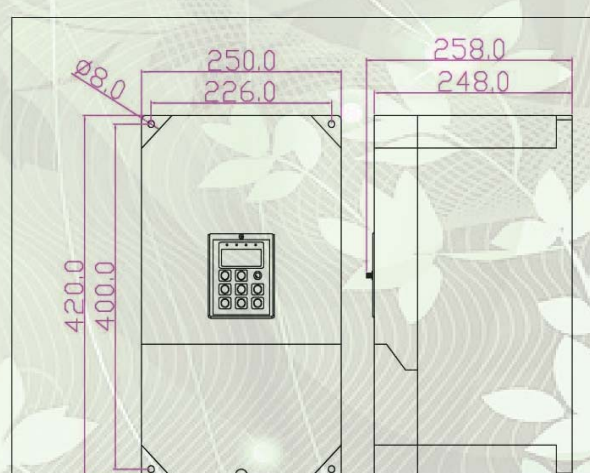
品名	IRIS-IMAC-B				
圖名	IRIS-IMAC-B 3~5HP	比例	1:1	重量	3Kg
		單位	mm		
JPS 正頻企業股份有限公司 JOINT PEER SYSTEC CORP.					

P3 : 7.5 HP~10HP Unit : mm



品名	IRIS-IMAC-B				
圖名	IRIS-IMAC-B 7.5~10HP	比例	1:1	重量	5Kg
		單位	mm		
JPS 正頻企業股份有限公司 JOINT PEER SYSTEC CORP.					

P4 : 15HP~30HP Unit : mm



品名	IRIS-IMAC-B				
圖名	IRIS-IMAC-B 15~30HP	比例	1:1	重量	15Kg
		單位	mm		
JPS 正頻企業股份有限公司 JOINT PEER SYSTEC CORP.					

IMAC-B Weight

HP	0.5~2	3/5	7.5/10	15/20	30
WEIGHT	1.5KG	3KG	5KG	15KG	17KG

IRIS IMAC-B Induction Magnetic Feedback

Electric Specification

ITEM		SPECIFICATION
Power	Input Voltage	3 phase / 1 phase 220 VAC
	Allow Voltage changed	【1 phase 220 VAC: -10%~15%】 ; 【3 phase 220VAC: -15%~15%】
	Allow Frequency changed	± 5 %
Output	Carrier	2kHz~16kHz (by parameter setting)
	Max Speed(rpm)	6000 rpm (by parameter setting)
	Rated Output Current(Amp)	By Model Number
Display	Control Panel	【C:C-Panel】 / 【R:R-Panel】
Motor	Motor Category	Induction Motor with close-loop Magnetic feedback control
Control Character	Control Mode	Speed mode / Torque mode
	Control Method	Induction close-loop Controlled with Magnetic feedback (256PPR)
	Speed Range	10:6000
	Speed Source	Digital Command: 1 rpm (Set by Panel/RS485) Analog Command (12bit):DC0V~+10V or -10V~+10V
	Max Capacity	170%of Rated current
	Torque Limit	0~200% (by parameter setting)/include 4-Quadrant Torque limit
	Acc/Dec Time	0.00~600.00 sec (Acc/Dec,setting independently)
	Cooling Method	Cooling by FAN(include FAN-Speed Detect and FAN-Preventable warning)
	DC Current Brake Control	Control time Setting by parameter,DC current value:100% of Rated current
	Discharge	Internal Brake MOS-FET (use External Resistance to discharge)
Other Control Function		Auto Speed Searching,Over Torque Detect Function,Torque Limit Function,8 sections Speed(with 3bit I/O control)independent, ACC/DEC Time,Smooth Curve 4sets could set independently,Auto Tuning function,STALL-function(Software setting),2sets RS-485(MODBUS RTU Communication),PID Control...
Protect Function	Over Current	170% of Rated Current
	Over Load	150%of Rated Current;3sec(Default Value)Includes electronic thermo overload relay
	Over Voltage	130%of Input Voltage
	Under Voltage	70%of Input Voltage
	Over Heat	Thermistor Protection,Auto-Control Cooling FAN Function
	Emergency Stop	Programmable I/O Function By Parameter Setting
	Over Speed	Programmable Setting By User
	Over Motor Heat	Programmable I/O Function By Parameter Setting (NO/NC)

IRIS IMAC-B Induction Magnetic Feedback

Electric Specification

Environment	Location	Must locate as without dust \ Dry location, avoid to stock with caustic air, or liquid environment	
	Temperature	-20°C ~ +65°C Range	
	Humidity	0% ~ 95% Range (without condensation)	
	Vibration	~ 0.55G	
License		CE	
Hardware Specification		Rated Power	0.5HP ~ 30HP
		Rated Type	B type
		Digital Input-DI	6 set
		Digital Output-DO (Signal)	2 set
		Digital Output-DO (Relay)	1 set
		Analog Input-AI	2 sec (12bit Resolution)
		Analog Output-AM	1 set
		RS485 Interface	1 set
		FAN-malfunction	include
		Thermo detection	include
		PG feedback	without
		Brake transistor	include