

H R 0 7 3 Y
3PH, 380/420V – 50Hz

Application Range

Compressor Cooling	Natural	
Eva. Temp. Range	-10°C ~ 12°C	14°F ~ 54°F
Condensing Temp.	65°C max.	149°F max.
Return Gas Temp.	35°C max.	95°F max.
Discharge gas Temp.	115°C max.	239°F max.
Motor Wire Temp.	130°C max.	266°F max.

Rated Performance

Capacity	60,800/61,000 Btu/h	17,800/17,877 Watts
Motor Input	5,739/5,754 W	
Current	NOT CONFIRM	
EER	10.6/10.6 Btu/W.h	3.11/3.11 W/W

Compressor Data

Design	R407C SCROLL	
Displacement	85.6 cc/rev	5.22 in ³ /rev
Oil / Oil Charge	FVC 68D(PVE) / 1,800 cc	
Weight	38.0 Kg	83.77 lb

Motor Data

Motor Type	2 Pole Induction (PSC)
Rated Output	4,050 W
Winding Resistance	U – V 3.09 ±7% Ω
(at 25°C)	V – W 3.02 ±7% Ω
	W – V 3.14 ±7% Ω
Voltage Range	342 V to 462 V
Locked Rotor Amps.	47 / 57 Amps.

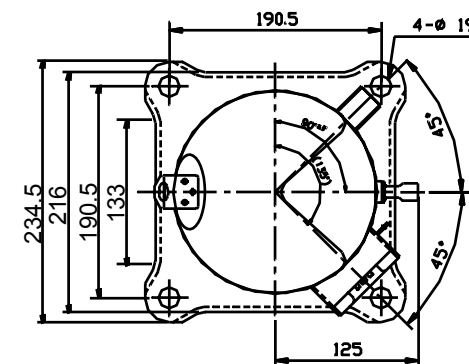
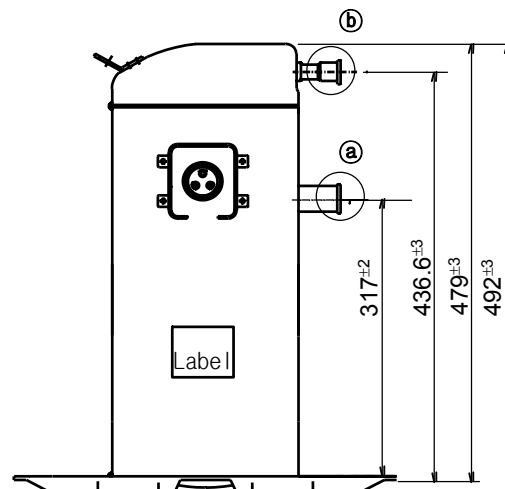
Electrical Components

Running Capacitor	– μF – VAC
Overload Protector	35HM-231 (Internal Type)

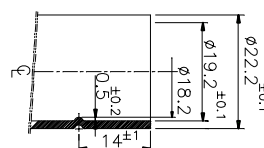
Capacity Test Conditions

Evaporating Temp.	7.2°C	45°F
Condensing Temp.	54.4°C	130°F
Return Gas Temp.	20.6°C	69°F
Liquid Temp.	43.8°C	110.8°F
Ambient Temp.	35.0°C	95°F

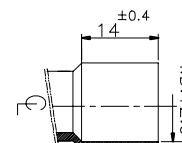
Standard Dimensions



Detail of (a)

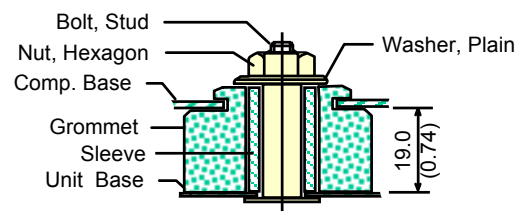


Detail of (b)

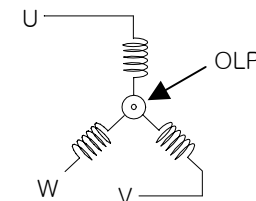


Compressor Mounting

[unit : mm(inch)]



Wiring Diagram



※ U.V.W mark is embossed on a Cover Terminal