SPECIFICATIONS for LG HERMETIC COMPRESSOR

R410A

GPS290PAA

1PH, 220-240V ~50Hz

Application Range

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

Rated Performance

Capacity	24,300 /24,400 Btu/h	7,122/7,151 W
Input	2,430 / 2,520 W	
EER	10.0 / 9.7 Btu/W.h	2.93 / 2.84 W/W
Current	11.5 / 11.3 A	

Compressor Data

Design	Rolling Piston Typed Rotary
Displacement	29.0 cc/rev
Oil / Oil Charge	PVE or POE / 700±10 cc
Net Weight	22.1 KG

Motor Data

Motor Type	2 Pole Induction (PSC)
Voltage Range	187~264V
Rated Output	2150 W

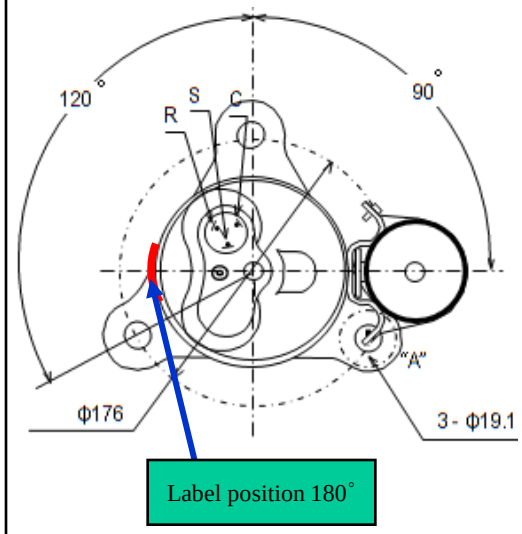
Electrical Components

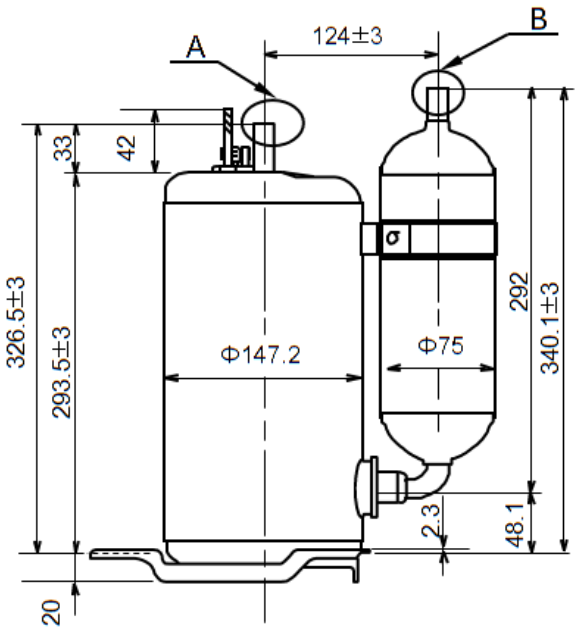
Running Capacitor	50MFD/ 400 VAC
Overload Protector	Internal Type

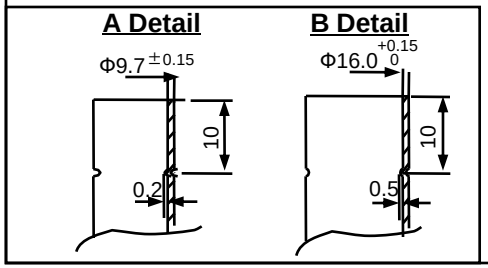
Capacity Test Conditions

Evaporating Temp.	7.2℃	45℉
Condensing Temp.	54.4℃	130℉
Return Gas Temp.	35.0℃	95℉
Liquid Temp.	46.1℃	115℉
Ambient Temp.	35.0℃	95℉

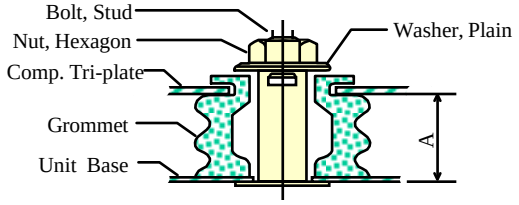
Standard Dimensions





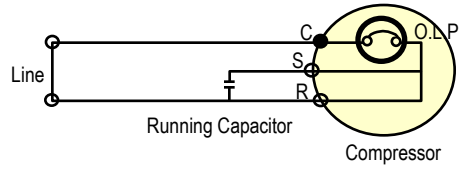


Compressor Mounting



QA Series : 14 mm (0.55 inch)
QK/QJ Series : 28 mm (1.1inch)

Wiring Diagram



※ C.S.R mark is embossed on a Cover Terminal

*** LABEL ***



Accessories	OLP	Cover,Terminal	Gasket	Nut,Common	Washer,Customized	Damper,Rubber
P/No.	Internal	3550U-L005B	4986UTL004B	1NZZUTL001A	1WZZUTL001A	4022UTL005A