



**THK2411Y-GH1C(THK2411Y-GH1C (FOW))**

**Product Family :**

**TH**

**Application :**

**LBP**

**Status :**

**Active**

**Voltage :**

**230V 1PH 50Hz**

**Refrigerant :**

**R-134a**

**Product Technology :**

**Reciprocating**

**TH Series Reciprocating Compressor**

<b>Project Name:</b>	
<b>Customer Name:</b>	
<b>Item Number:</b>	
<b>Refrigerant:</b>	
<b>Job Location:</b>	
<b>Date:</b>	



# PRODUCT SPECIFICATION

## General

**Horse Power:** 1/4 HP

**Motor Torque:** High Start Torque (HST)

**Evaporating Range:** -34.4°C to -12.2°C (-30°F to 10°F)

## Mechanical

**Displacement (CC):** 9.33

**Compressor Cooling:** Static

**Oil Charge:** 270 cc

**Oil Type:** Polyolester

**Viscosity:** 22

## Electrical

**LRA:** 12

**Motor Type:** CSIR

**Motor Resistance - Main:** 10.15

**Motor Resistance Start:** 12.55

**RLA 50HZ:** 1.4

**Voltage Frequency:** 50Hz

**Voltage Range 50Hz:** 187to264



## PERFORMANCE

Performance Data shown here is calculated and is for reference purposes. For actual performance data at specific rated conditions please click on the Performance Calculator button below the table. The performance calculator is only available for Fixed Speed Compressors and Condensing Units. If you do not see performance data here, please contact Customer Service for assistance.




**REFRIGERANT: R134A FREQUENCY: 50HZ**

Operating conditions	Application	Capacity (W)	Capacity (Btu/h)	Capacity (Kcal/h)
ARI 520-90 -10°F, 120°F -23°C, 48°C	LBP	216	737	185
ARI 540-97 -25°F, 105°F -31°C, 40°C	LBP	155	529	133
ASHRAE -10°F, 130°F -23°C, 54°C	LBP	265	905	228
CECOMAF -13°F, 131°F -25°C, 55°C	LBP	192	657	165
EN12900 -31°F, 104°F -35°C, 40°C	LBP	137	470	118

Looking for the complete set of Performance Data for this product? Please see our [Performance Calculator](#).



## ITEMS SPECIFICATIONS

	TH811NF-010-A6	TH811NF-010-BA6	TH811NH-010-AA6
Documentation			
Drawing_EN			
Specification			
Status	Active	Active	Active
Global Model	THK2411Y-GH1C	THK2411Y-GH1C	THK2411Y-GH1C
Overload Type	External	External	External
Relay Type	Current Relay	Current Relay	Current Relay
Packaging	MULTI	MULTI	MULTI
Length	163 MM(6.406IN)	163 MM(6.406IN)	163 MM(6.406IN)
Height	174 MM(6.835IN)	174 MM(6.835IN)	169 MM(6.661IN)
Width	150 MM(5.902IN)	150 MM(5.902IN)	150 MM(5.902IN)
Weight	9KG(20LB)	9KG(20LB)	9KG(20LB)
Discharge Line Size	3/16_IN	3/16_IN	3/16_IN
Suction Line Size	1/4_IN	1/4_IN	1/4_IN
Grommet	Y	Y	Y
Overload	Y	Y	Y
Start Capacitor	Y	Y	Y
Terminal Cover	Y	Y	Y