



Technical Specification Product Engineering

Código : 576063 Motoc.TECUMSEH 1/8--THG1346YS--95f-R134a

Model THG1346YS	BM TH345GS	Nominal Voltage (V)		Refrigerant R134a	Cooling Static
		60 Hz 220	50 Hz 220		

Basic Data

Operating Voltage Range(V) : 60 Hz: 187 - 242 50 Hz: 180 - 242
Application : Low Back Pressure (LBP)
Evaporating Temperature Range : -34.4°C to -12.2°C (-30°F to +10°F)
Motor Type : PTCSIR
Starting Torque Class : Low Start Torque (LST)
Expansion Device : Capillary Tube
Commercial Designation : 1/6 HP
Oil Type : Polyol Ester **Viscosity :** 10 cSt@40°C
Oil Charge : 263 ml
Displacement : 5,01 cc/rev
Net Weight : 7,3 Kg
Approval : IRAM / IMQ / CE

Expected Performance

Test Condition :	ASHRAE		
Test Voltage :	220V/60Hz	220V/50Hz	220V/50Hz
Cooling Capacity (+/-5%) (BTU/h) :	495	420	295
(Kcal/h) :	125	106	74
(W) :	145	123	86
Rated Watts(+/-5%)(W) :	120	111	110
Rated Current(+/-5%)(A) :	0,84	0,93	0,92
Efficiency-EER(-9.04%/+10.5%)(BTU/Wh) :	4,13	3,78	2,68
(Kcal/Wh) :	1,04	0,95	0,68
(W/W) :	1,21	1,11	0,79

LRA (Max.) (A) :9,98

Winding Resistance at 25°C (+/-7%)(ohm):Main: 14,54 Start: 16,67

Electrical Components

Starting Relay : Sensata	or	COMPELA
Code : -----		-----
Connection Type : Fast-on: ---	Screw: ---	Fast-on: --- Screw: ---
Pick-up : ----- A		----- A
Drop-out : ----- A		--- A
Potential Relay : ELECTRICA	or	G.E.
Code : -----		-----
Pick-up : --- V		--- V
Drop-out : --- V		--- V
Starting Relay - PTC : Sensata	or	COMPELA
Code : 8EA17C2		SR273102
PTC-Resistance : 20 Ohms		20 Ohms
Power Consumption of PTC : 2 W		2 W

Overload Protector : Sensata

Code : 4TM232SFBYY-XX

Connection Type : Fast-on: 53 Screw: ---

Disc Opening Temperature (+/-5°C) : 135 °C

Disc Closing Temperature (+/-9°C) : 61 °C

Time Check Current : 7.60 A

Time Check at 25°C : 5.0 - 15 s

Trip Current : 1.61 A at 90 °C

Combo Module :

Capacitor : Start: -----

Connection Box : -----

Note :

or COMPELA

RT-ETL08KC

Fast-on: XA Screw: ---

130 °C

57 °C

6.0 A

5.0 - 15 s

1.50 A at 90 °C

Run: -----

TPCo Process

