



**Fechar**

# Technical Specification

<b>Model</b> TYA4466YKS	<b>BM</b> TY301KS	<b>Nominal Voltage (V)</b>		<b>Refrigerant</b> R134a	<b>Cooling Fan</b>
		60 Hz -----	50 Hz 220-240		
<b>BASIC DATA</b>					
<p><b>Motor Type : CSIR</b></p> <p><b>Operating Voltage Range (V) : 50 Hz:</b> 198 - 253</p> <p><b>Starting Torque Class :</b> High Start Torque (HST)</p> <p><b>Commercial Designation :</b> 2/3 HP</p> <p><b>Displacement :</b> 18.8 cc/rev</p> <p><b>Application :</b> Medium and High Back Pressure (MBP/HBP)</p> <p><b>Evaporating Temperature Range :</b> -15°C to +15°C (+5°F to +59°F)</p> <p><b>Expansion Device :</b> Capillary Tube or Expansion Valve</p> <p><b>Oil Type :</b> Polyol Ester <b>Oil Charge :</b> 506 ml</p> <p><b>Net Weight :</b> 17.5 Kg <b>Approval :</b> IRAM</p> <p><b>Viscosity :</b> 32 cSt@40°C <b>Additive :</b> 19.30 ml</p>					
<b>EXPECTED PERFORMANCE</b>					
<b>TEST CONDITION :</b>		<b>ASHRAE</b>			
Test Voltage :		220V/50Hz			
Cooling Capacity (± 5%) (BTU/h) :		5900			
		(kcal/h) : 1487			
		(W) : 1729			
Rated Watts (± 5%) (W) :		845			
Rated Current (± 5%) (A) :		4.9			
Efficiency (-9.04%/+10.5%) (BTU/Wh) :		6.98			
		(kcal/Wh) : 1.76			
		(W/W) : 2.05			
LRA Max. (A) :		19.5			
Winding Resistance at 25°C (± 7%) (Ω) :		Main: 4.65 Start: 20.91			
<b>ELECTRICAL COMPONENTS</b>					
<b>TPCo Process Code :</b> -----					
<b>Starting Relay : Sensata</b>		<b>or</b>	<b>COMPELA</b>		
Code : 9660H-XXXX-168			RPC56XX		
Connection Type : Fast-on:3022 Screw:---			Fast-on:61 Screw:---		
Pick-up : 11.60 A			11.55 A		
Drop-out : 9.70 A			9.80 A		
<b>Overload Protector : Sensata</b>		<b>or</b>	<b>COMPELA</b>		
Code : 14HM1036-110			-----		
Connection Type : Fast-on:--- Screw:---			Fast-on:--- Screw:---		
Disc Opening Temperature (± 5°C) : 135 °C			°C		
Disc Closing Temperature (± 9°C) : 70 °C			--- °C		
Time Check Current : 22,0 A			--- A		
Time Check at 25°C : 3-10 s			--- s		
Trip Current : 12,7 A at 70 °C			--- A at --- °C		
<b>Connection Box :</b> 14945906					
<b>Start Capacitor :</b> 53-64MFD 330VAC					
<b>Note :</b> Sensata Internal Overload					

All information contained in this leaflet is subjected to change without previous notice.

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