HTK12AA
KAPPA LBP Compressor
Top Efficiency
R600a
220-240V 50Hz

General
Code number: CDO00038
Approvals: EN 60335-2-34 w. Annex AA
Compressors on pallet: 100

Application
Application: LBP
Frequency Hz: 50 60
Evaporating temperature °C: -35 to -5
Voltage range V: 187 to 264
Max. condensing temperature continuous (short) °C: 60 (70)
Max. winding temperature continuous (short) °C: 130 (130)

Cooling requirements
Frequency Hz: 50 60
Application: LBP MBP HBP LBP MBP HBP
32°C S – – – – –
38°C S – – – – –
43°C S – – – – –
Remarks on application:

Motor
Motor type: RSCR/RSIR
LRA (rated after 4 sec. UL984), HST | LST A – 5.5
Cut in Current, HST | LST A – 13.5
Resistance, main | start winding (25°C) Ω: 14.7 13.7

Design
Displacement cm³: 11.2
Oil quantity (type) cm³: 165 (mineral)
Maximum refrigerant charge g: 150
Free gas volume in compressor cm³: 1660
Weight without electrical equipment kg: 8.5

Dimensions
Height mm: A 167.0
B 173.5
Suction connector location/L.D. mm | angle C 6.15 | 35°
material | comment Copper | Rubber plug
Process connector location/O.D. mm | angle D 6.00 | 35°
material | comment Copper | Rubber plug
Discharge connector location/L.D. mm | angle E 5.15 | 40°
material | comment Copper | Rubber plug
Oil cooler connector location/L.D. mm | angle F –
material | comment –
Connector tolerance I.D. mm ±0.05
Remarks:

S = Static cooling normally sufficient
O = Oil cooling
F₁ = Fan cooling 1.5 m/s
(compressor compartment temperature equal to ambient temperature)
F₂ = Fan cooling 3.0 m/s necessary
SG = Suction gas cooling normally sufficient
– = not applicable in this area
EN 12900 Household

<table>
<thead>
<tr>
<th>Evap. temp. in °C</th>
<th>-45</th>
<th>-40</th>
<th>-35</th>
<th>-30</th>
<th>-25</th>
<th>-23.3</th>
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<th>-15</th>
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<td>149</td>
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ASHRAE LBP

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Dimensions of evaporation tray

Outline dimensions with plastic evaporation tray

Run capacitor (optional) 4.8 mm or 6.3 mm spade connectors
Terminal board 4.8 mm or 6.3 mm spade connectors (incl. PTC and external protector)
Motor Protector AE 11 BJ x F9
Cable clamp (screws not included) 113410_
Cover 157595_
Evaporation tray (optional) 113188_
All-in-one equipment, e.g. 4ZN
Cover / cable clamp + screws / earthing screw 161680000

Test conditions

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<tr>
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<th>Description</th>
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<tr>
<td>4 µF</td>
<td>Condensing temperature 55°C</td>
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<td>ZAF9 / DAF9</td>
<td>Ambient temperature 32°C</td>
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<td>AE 11 BJ x F9</td>
<td>Suction gas temperature 32°C</td>
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<td>113410_</td>
<td>Liquid temperature no subcooling 32.2°C</td>
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Mounting accessories

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<td>on request, various options available</td>
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