

🏠 (/products/compressors)

EMY3118Y (/products/compressors/EMY3118Y) 711CA7251AJ

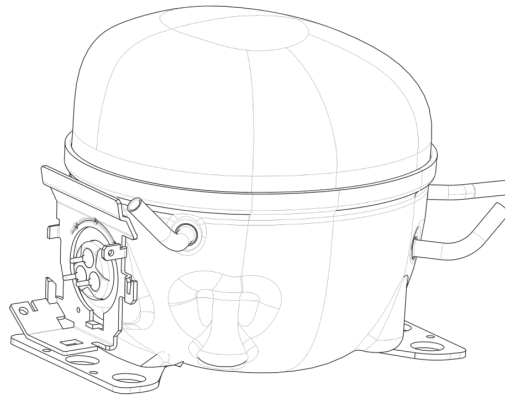
L/MBP

Model

# EMY3118Y


Order Code

# 711CA7251AJ



## General Data

<b>Type:</b>	Hermetic reciprocating
<b>Refrigerant:</b>	R600a
<b>Application:</b>	L/MBP
<b>Evaporating Temperature Range:</b>	-35°C to 0°C
<b>Voltage/Frequency:</b>	220-240V 50Hz 1~
<b>Displacement:</b>	12.21cm <sup>3</sup>
<b>Compressor Cooling:</b>	Static/Fan
<b>Fan air flow:</b>	270 m <sup>3</sup> /h
<b>Maximum Condensing Pressure - Operating:</b>	6.73 bar (rel)
<b>Maximum Condensing Pressure - Peak:</b>	7.69 bar (rel)
<b>Technology Type:</b>	On-Off
<b>Expansion Device:</b>	Capillary Tube
<b>Packaging Quantity:</b>	Single - 1 pc

**Horse Power:** 1/5 hp  
**Approvals:** CE 

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## Mechanical Data

**Bore:** 26 mm  
**Stroke:** 23 mm  
**Oil Charge:** 150ml +/-15ml  
**Free Internal Volume:** 1.7 cm<sup>3</sup>  
**Maximum Recommended Refrigerant Charge:** 250 ml  
**Oil Type Configuration:** Alkylbenzene  
**Oil Type Viscosity:** ISO5  
**Weight:** 7.9 kg

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## Electrical Data

**Motor Type:** RSIR  
**Starting Torque:** LST  
**Voltage working range at 50 Hz:** 198-254V  
**Maximum Motor Temperature:** 130°C  
**Start Winding Resistance:** 15.23Ω at 25°C  
**Run Winding Resistance:** 15.03Ω at 25°C  
**Locked Rotor Amperage (LRA):** 8A

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## External Characteristics

**Base Plate:** European  
**Tray Holder:** No  
**Height:** 171mm

Connector	Internal Diameter (mm)	Material	Shape
Suction	6.1	Copper	Slanted 42°
Discharge	4.9	Copper	Straight
Process	6.1	Copper	Slanted 46°

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## Electrical Components

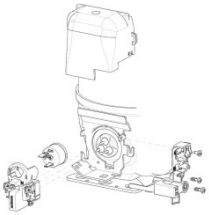
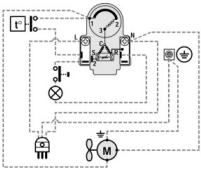
Component Type	Description	Code
Starting Device:		
PTC	PTC 230V	1260011
Motor Protection:		

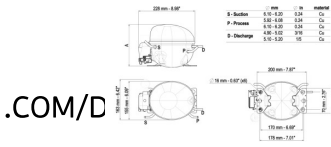
## Mounting Accessories

Description	Code
Terminal Board:	no
Cover:	2075282
yes	
Anchorage:	1027058
yes	
Overload Protector Bracket:	no
Capacitor Bracket:	no
Rotolock valve:	no
Grommets:	2221011
yes	
Sleeves:	2222018
yes	
Washer:	no
Pin:	no
Clip:	no

For additional information please contact our Technical support.

## Additional Materials

	<p><b>Assembly Instructions</b>                      Extension: png                      Size: 425 kB</p>
	<p style="text-align: right;"><b>DOWNLOAD</b></p> <p><b>1BL_WING_PLUGIN/SM00_EM_NE_RSIR_PTC.PNG</b>                      Extension: png                      Size: 453.5 kB</p>



### External View

Extension: png

[DOWNLOAD](#)

R/WIRING DIAGRAM/WD00\_EM\_NE\_RSIR\_PTC.PNG

Size: 189.2 KB

.COM/D

### Performance Curve Data

[DOWNLOAD](#)

.EMBRACO.COM/DATA/COMPRESSOR/EXTERNAL\_VIEW/DWG01\_EM\_EU.PNG

Select your own Rated Point

Temperature	Evaporating Temperature	Cooling Capacity	Power W	Efficiency
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### Operating Envelope

Evaporating Temperature °C

Operating Condition

Transient Condition

Superheating



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