




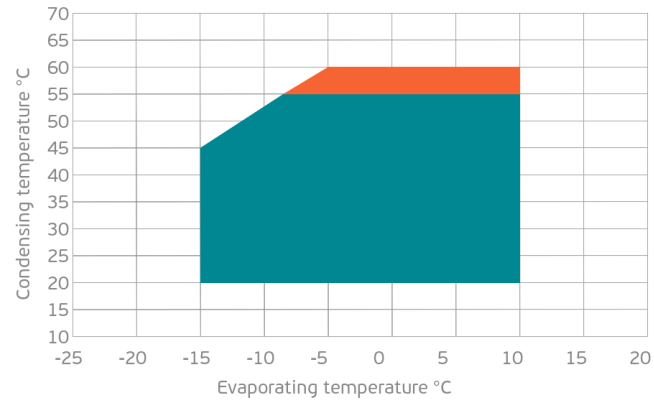


GENERAL DATA

Application:	HBP
Refrigerant:	R134a
Evaporating Temperature Range:	-15°C to 10°C
Compressor Cooling:	Fan
Fan air flow:	520 m3/h
Maximum Condensing Pressure - Operating:	13.92 kgf/cm2 (psig)
Maximum Condensing Pressure - Peak:	15.62 kgf/cm2 (psig)
Type:	Hermetic reciprocating
Technology Type:	On-Off
Expansion Device:	Capillary Tube or Expansion Valve
Packing Quantity:	Multi - 37 pcs
Institute Approvals:	    

OPERATING ENVELOPE



MECHANICAL DATA

Bore:	31.19 mm
Stroke:	22 mm
Free Internal Volume:	2.1 cm ³
Maximum Recommended Refrigerant Charge:	350 ml
Weight:	11.8 kg

At maximum evaporating temperature and maximum ambient temperature.

ELECTRICAL DATA

Motor Type:	CSIR -
Starting Torque:	HST -
Maximum Motor Temperature:	130 °C
Start Winding Resistance:	11.8 Ω (± 10%) at 25°C
Run Winding Resistance:	3.29 Ω (± 10%) at 25°C
Locked Rotor Amperage (RLA):	- A

At maximum evaporating temperature and maximum ambient temperature.

ELECTRICAL COMPONENTS

	Component type	Description	Code
Inverter:	-	-	-
Run Capacitor:	-	-	-
CSR / CSIR Box:	-	-	-
Start Capacitor:	-	72-88 MFD 330V	2252345
Starting Device:	Current relay	MTRPH-0012-65	2334139
Motor Protection:	External 3/4"	T0899/G6	2319107

ACCESSORIES

Description

Code

For additional accessories please contact our technical support

EXTERNAL CHARACTERISTICS

	Shape	Material	Internal Diameter (mm)
Suction Connector	Slanted 42°	Copper	8.1
Discharge Connector	Straight	Copper	6.1
Process Connector	Slanted 42°	Copper	6.1

MOUNTING ACCESSORIES

Description	Code
At maximum evaporating temperature and maximum ambient temperature.	

PERFORMANCE CURVE DATA

Standard: EN 12900 / w

50 Hz

	Evaporating Temperature (°C)	Cooling Capacity (w)	Power Consumption (W)	Current Consumption (A)	Gas Flow Rate	Efficiency (w/W)
35°C Condensing Temperature	10°C	1 910	659	4.24	39.12	2.90
	5°C	1 586	606	4.12	32.25	2.62
	0°C	1 298	555	4.00	26.23	2.34
	-5°C	1 046	506	3.88	21.04	2.07
	-10°C	831	460	3.76	16.65	1.81
	-15°C	653	416	3.64	13.03	1.57
45°C Condensing Temperature	10°C	1 694	720	4.46	37.91	2.35
	5°C	1 402	659	4.29	31.15	2.13
	0°C	1 144	600	4.13	25.24	1.91
	-5°C	919	545	3.98	20.16	1.69
	-10°C	727	493	3.85	15.87	1.48
	-15°C	568	444	3.72	12.35	1.28
55°C Condensing Temperature	10°C	1 475	789	4.81	36.54	1.87
	5°C	1 218	716	4.55	29.93	1.70
	0°C	992	647	4.31	24.18	1.53
	-5°C	794	582	4.09	19.25	1.36
	-10°C	627	521	3.90	15.11	1.20

Model **NEK6214Z**

Code **269JA51M1AQ**

embraco POWER IN.
CHANGE ON.

