



## Compressor Technical Data

**Model:** NEU6214Z**Code:** 269NA51

### Description

Refrigerant:	R-134a	Displacement (cm <sup>3</sup> ):	16,8
Voltage:	220-240 V 50 Hz 1 ~	Lubricant Type:	ISO22
Frequency (Hz):	50	Lubricant Charge (ml):	350
Application:	HBP	Motor Type:	CSIR
HP:	1/2	Starting Torque:	HST
Efficiency:	7,31	Type of Test:	ASHRAE46
Capacity:	5582,00		

### Approval

**VDE**

### Data

#### External Features

	Shape	Material	Diameter (mm)
Suction Connector	Slanted 42°	Copper	8,10
Discharge Connector	Straight	Copper	6,10
Process Connector	Slanted 42°	Copper	6,10

Oil Cooler:	
Base Plate:	European Standard
Tray Holder:	No
Weight (kg):	11,60

#### Application

Maximum ambient temperature (°C):	43
Expansion device:	Capillary/ Valve
Cooling:	Fan Cooling
Air flow rate:	

#### Mechanical Data

Bill of materials:	269NA51
Starting torque:	High Starting Torque
Bore (mm):	31,19
Stroke (mm):	11,00
Weight (kg):	11,60

#### Electrical Data

Motor type:	CSIR
Winding Resistance (25°C) - Start:	4,25
Winding Resistance (25°C) - Run:	14,26

**Check Point - Condensing Temperature 54,4 °C**

Evaporating Temperature	Cooling Capacity			Power Consumption +/- 5%	Current Consumption +/-5%	Efficiency +/-7%		
	(°C)	(kcal/h)	(W)			(Btu/h)	(W)	(A)
7,2	1.409	1.639	5.591	759	3,98	1,86	2,16	7,37

**Condensing Temperature 35 °C**

Evaporating Temperature	Cooling Capacity			Power Consumption +/- 5%	Current Consumption +/-5%	Gas Flow Rate +/- 5%	Efficiency +/-7%		
	(°C)	(kcal/h)	(W)				(Btu/h)	(W)	(A)
-15	692	805	2.748	385	2,60	14,86	1,80	2,09	7,14
-10	873	1.015	3.465	430	2,74	18,80	2,03	2,36	8,05
-5	1.089	1.266	4.321	481	2,91	23,54	2,26	2,63	8,98
0	1.340	1.558	5.317	537	3,12	29,09	2,49	2,90	9,89
5	1.626	1.891	6.451	599	3,35	35,49	2,71	3,16	10,77
10	1.947	2.264	7.725	666	3,62	42,77	2,92	3,40	11,60

**Condensing Temperature 45 °C**

Evaporating Temperature	Cooling Capacity			Power Consumption +/- 5%	Current Consumption +/-5%	Gas Flow Rate +/- 5%	Efficiency +/-7%		
	(°C)	(kcal/h)	(W)				(Btu/h)	(W)	(A)
-15	612	711	2.427	415	2,69	14,18	1,48	1,72	5,85
-10	777	904	3.085	467	2,86	18,09	1,67	1,94	6,61
-5	975	1.134	3.868	524	3,06	22,77	1,86	2,16	7,38
0	1.203	1.400	4.776	587	3,30	28,26	2,05	2,38	8,13
5	1.464	1.702	5.808	656	3,57	34,57	2,23	2,60	8,86
10	1.755	2.042	6.966	730	3,87	41,74	2,41	2,80	9,55

**Condensing Temperature 55 °C**

Evaporating Temperature	Cooling Capacity			Power Consumption +/- 5%	Current Consumption +/-5%	Gas Flow Rate +/- 5%	Efficiency +/-7%		
	(°C)	(kcal/h)	(W)				(Btu/h)	(W)	(A)
-15	531	618	2.108	438	2,75	13,43	1,21	1,41	4,82
-10	678	789	2.691	501	2,97	17,21	1,35	1,57	5,37
-5	853	992	3.385	571	3,22	21,74	1,49	1,74	5,93
0	1.056	1.228	4.190	646	3,51	27,06	1,63	1,90	6,49



5	1.287	1.49 6	5.105	727	3,84	33,19	1,77	2,06	7,03
10	1.545	1.79 7	6.132	813	4,21	40,16	1,90	2,21	7,55



## Dimensions

### Rubber Grommet

Engineering Code	13146411
Dimensions	mm (Inch)

The grommets are made of special rubber and used in the nut and bolt type or in the snap on type assembly. The rubber grommet, the dimensions of which are shown in the figure below, was developed for installation in compressors with 16 and 19 mm diameters

