

Compressor Technical Data

Model: NEK6214Z

Code: 269JA51

Description

Refrigerant:	R-134a	Displacement (cm ³):	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:	6,49	Type of Test:	EN12900
Capacity:	4488,00		

Approval

CCC

IMQ

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:	269JA51
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:	3,13
Winding Resistance (25°C) - Run:	10,63

Check Point - Condensing Temperature 50 °C

Evaporating Temperature	Cooling Capacity			Power Consumption +/- 5%	Current Consumption +/-5%	Efficiency +/-7%		
	(°C)	(kcal/h)	(W)			(Btu/h)	(W)	(A)
5	1.127	1.310	4.471	687	4,41	1,64	1,91	6,51

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	562	653	2.229	416	3,64	13,83	1,35	1,57	5,35
-10	715	831	2.837	460	3,76	17,69	1,55	1,81	6,17
-5	900	1.046	3.570	506	3,88	22,36	1,78	2,07	7,05
0	1.116	1.298	4.428	555	4,00	27,91	2,01	2,34	7,97
5	1.363	1.586	5.410	606	4,12	34,36	2,25	2,62	8,92
10	1.642	1.910	6.518	659	4,24	41,76	2,49	2,90	9,88

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	488	568	1.937	444	3,72	13,18	1,10	1,28	4,36
-10	625	727	2.480	493	3,85	16,95	1,27	1,48	5,03
-5	790	919	3.135	545	3,98	21,55	1,45	1,69	5,76
0	984	1.144	3.903	600	4,13	27,01	1,64	1,91	6,50
5	1.206	1.402	4.784	659	4,29	33,39	1,83	2,13	7,26
10	1.456	1.694	5.779	720	4,46	40,73	2,02	2,35	8,03

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	420	489	1.667	465	3,73	12,60	0,90	1,05	3,59
-10	539	627	2.138	521	3,90	16,25	1,03	1,20	4,10
-5	683	794	2.710	582	4,09	20,72	1,17	1,36	4,66
0	853	992	3.383	647	4,31	26,07	1,32	1,53	5,23
5	1.048	1.218	4.157	716	4,55	32,34	1,46	1,70	5,80

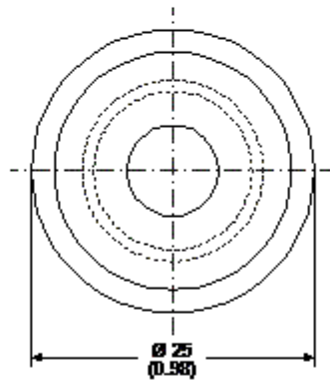
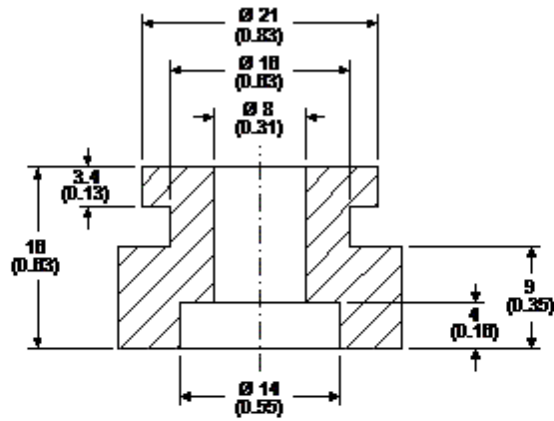
10	1.268	1.47 5	5.033	789	4,81	39,57	1,61	1,87	6,38
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Dimensions

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 holes in the base plate.



Accessories