Compressor Technical Data

Model: NE9213GK

Code: 953EA51

Description

Refrigerant:	R-404A	Displacement (cm³):	12,11
Voltage:	220-240 V 50 Hz 1 ~	Lubricant Type:	ISO22
Frequency (Hz):	50	Lubricant Charge (ml):	350
Application:	MBP	Motor Type:	CSCR
HP:	3/4	Starting Torque:	HST
Efficiency:	7,72	Type of Test:	ASHRAE46
Capacity:	5926,00		

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 (ºC):	43
Expansion device:	Capillary/ Valve
Cooling:	Fan Cooling
Air flow rate:	

Mechanical Data

Bill of materials:	953EA51
Starting torque:	High Starting Torque
Bore (mm):	27,78
Stroke (mm):	10,00
Weight (kg):	11,60

Electrical Data

Motor type:	CSCR
Winding Resistance (25ºC) - Start:	0,00
Winding Resistance (25ºC) - Run:	0,00

Check Point - Condensing Temperature 54,4 ºC

Evaporating Temperature	Cooling Capacity			Power Consumption +/- 5%	Current Consumption +/-5%	Efficiency +/-7%		
(ºC)	(kcal/h)	(W)	(Btu/h)	(W)	(A)	(kcal/Wh)	(W/W)	(Btu/Wh)
7,2	1.510	1.756	5.992	765	3,47	1,97	2,29	7,83

Condensing Temperature 35 ºC

Evaporating Temperature	Cooling Capacity			Power Consumption +/- 5%	Current Consumption +/-5%	Gas Flow Rate +/- 5%	Efficiency +/-7%		
(ºC)	(kcal/h)	(W)	(Btu/h)	(W)	(A)	(kg/h)	(kcal/Wh)	(W/W)	(Btu/Wh)
-20	664	773	2.636	441	2,12	16,73	1,51	1,75	5,98
-15	851	990	3.378	481	2,28	21,56	1,77	2,06	7,02
-10	1.069	1.244	4.244	520	2,44	27,26	2,06	2,39	8,16
-5	1.318	1.533	5.232	558	2,60	33,85	2,36	2,75	9,38
0	1.598	1.859	6.342	595	2,75	41,39	2,69	3,12	10,66
5	1.908	2.220	7.573	632	2,90	49,92	3,02	3,51	11,99
10	2.249	2.616	8.925	669	3,04	59,48	3,36	3,91	13,35

Condensing Temperature 45 ºC

Evaporating Temperature	Cooling Capacity			Power Consumption +/- 5%	Current Consumption +/-5%	Gas Flow Rate +/- 5%	Efficiency +/-7%		
(ºC)	(kcal/h)	(W)	(Btu/h)	(W)	(A)	(kg/h)	(kcal/Wh)	(W/W)	(Btu/Wh)
-20	555	646	2.204	447	2,12	15,44	1,24	1,44	4,93
-15	719	836	2.851	495	2,32	20,09	1,45	1,69	5,76
-10	910	1.058	3.610	543	2,53	25,62	1,68	1,95	6,65
-5	1.129	1.313	4.479	590	2,73	32,05	1,91	2,22	7,59
0	1.375	1.600	5.458	638	2,94	39,43	2,16	2,51	8,56
5	1.650	1.919	6.546	686	3,14	47,81	2,40	2,80	9,54
10	1.951	2.269	7.743	736	3,33	57,23	2,65	3,09	10,53

Condensing Temperature 55 ºC

Evaporating Temperature	Cooling Capacity			Power Consumption +/- 5%	Current Consumption +/-5%	Gas Flow Rate +/- 5%	Efficiency +/-7%		
(ºC)	(kcal/h)	(W)	(Btu/h)	(W)	(A)	(kg/h)	(kcal/Wh)	(W/W)	(Btu/Wh)
-20	442	514	1.754	453	2,11	13,79	0,98	1,13	3,87
-15	580	675	2.302	509	2,37	18,22	1,14	1,33	4,52
-10	743	864	2.949	566	2,62	23,53	1,31	1,53	5,21

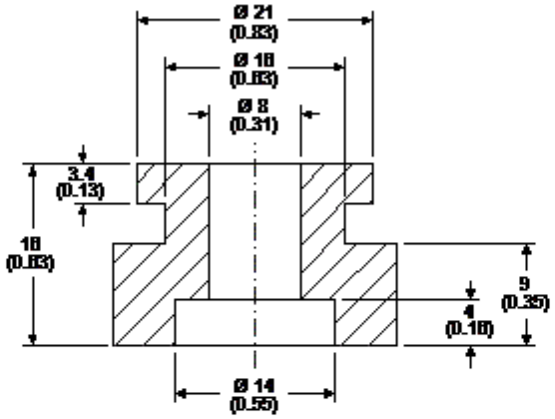
-5	931	1.083	3.694	623	2,88	29,75	1,49	1,74	5,93
0	1.144	1.330	4.538	682	3,13	36,94	1,68	1,95	6,65
5	1.381	1.606	5.479	742	3,38	45,13	1,86	2,16	7,38
10	1.642	1.910	6.516	804	3,63	54,36	2,04	2,38	8,10

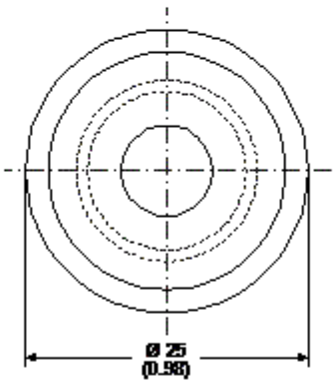
Dimensions

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 rummer 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