Compressor Technical Data

Model: NJ9238GK

Code: 943RV11

Description

Refrigerant:	R-404A	Displacement (cm³):	32,67
Voltage:	230 V 50 Hz 1 ~	Lubricant Type:	ISO22
Frequency (Hz):	50	Lubricant Charge (ml):	750
Application:	MBP	Motor Type:	CSCR
HP:	1 1/2	Starting Torque:	HST
Efficiency:	7,12	Type of Test:	ASHRAE46
Capacity:	15768,00		

Approval

CCC

IMQ

Data

External Features

	Shape	Material	Diameter (mm)
Suction Connector	Vertical	Copper	12,77
Discharge Connector	Slanted J	Copper	8,00
Process Connector	Vertical	Copper	6,42

Oil Cooler:	
Base Plate:	American Standard
Tray Holder:	No
Weight (kg):	22,10

Application

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

Mechanical Data

Bill of materials:	943RV11
Starting torque:	High Starting Torque
Bore (mm):	41,77
Stroke (mm):	11,93
Weight (kg):	22,10

Electrical Data

Motor type:	CSCR
Winding Resistance (25ºC) - Start:	1,75
Winding Resistance (25ºC) - Run:	5,40

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	4.043	4.702	16.042	2.158	9,91	1,87	2,18	7,43

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	1.828	2.126	7.254	1.190	5,76	46,04	1,54	1,79	6,09
-15	2.343	2.725	9.297	1.320	6,30	59,35	1,78	2,06	7,05
-10	2.932	3.410	11.635	1.438	6,79	74,74	2,04	2,37	8,09
-5	3.595	4.181	14.266	1.547	7,24	92,31	2,32	2,70	9,22
0	4.332	5.038	17.190	1.646	7,64	112,19	2,63	3,06	10,44
5	5.142	5.981	20.407	1.736	7,99	134,51	2,96	3,45	11,76
10	6.027	7.009	23.915	1.815	8,31	159,37	3,32	3,86	13,18

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	1.527	1.776	6.060	1.214	5,86	42,47	1,26	1,46	4,99
-15	1.965	2.286	7.798	1.360	6,46	54,96	1,44	1,68	5,73
-10	2.475	2.878	9.821	1.503	7,05	69,68	1,65	1,92	6,54
-5	3.056	3.554	12.128	1.642	7,63	86,77	1,86	2,16	7,39
0	3.709	4.313	14.718	1.778	8,20	106,34	2,09	2,43	8,28
5	4.433	5.155	17.591	1.910	8,78	128,52	2,32	2,70	9,21
10	5.228	6.080	20.746	2.040	9,35	153,41	2,56	2,98	10,17

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	1.213	1.411	4.815	1.237	5,97	37,86	0,98	1,14	3,89

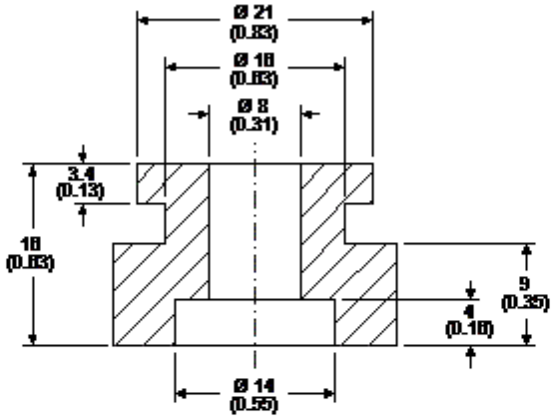
-15	1.571	1.827	6.235	1.402	6,62	49,37	1,12	1,30	4,45
-10	1.999	2.324	7.931	1.570	7,31	63,29	1,27	1,48	5,05
-5	2.495	2.901	9.900	1.740	8,04	79,74	1,43	1,67	5,69
0	3.060	3.559	12.144	1.914	8,80	98,84	1,60	1,86	6,34
5	3.694	4.296	14.660	2.091	9,60	120,72	1,77	2,05	7,01
10	4.397	5.114	17.449	2.272	10,44	145,49	1,94	2,25	7,68

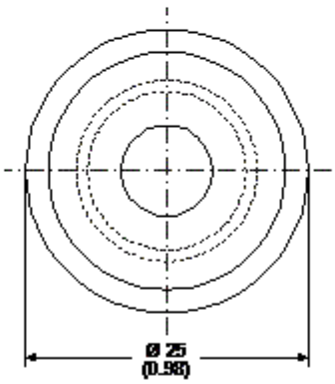
Dimensions

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