

## Compressor Technical Data

**Model:** NJ9232GK

**Code:** 943NA11

### Description

Refrigerant:	R-404A	Displacement (cm <sup>3</sup> ):	26,11
Voltage:	220-240 V 50 Hz 1 ~	Lubricant Type:	ISO22
Frequency (Hz):	50	Lubricant Charge (ml):	750
Application:	MBP	Motor Type:	CSCR
HP:	1 1/4	Starting Torque:	HST
Efficiency:	8,73	Type of Test:	ASHRAE46
Capacity:	13754,00		

### Approval

**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):	21,60

#### Application

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

#### Mechanical Data

Bill of materials:	943NA11
Starting torque:	High Starting Torque
Bore (mm):	41,77
Stroke (mm):	9,53
Weight (kg):	21,60

#### Electrical Data

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

**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	3.508	4.080	13.922	1.567	7,13	2,24	2,60	8,88

**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)
-20	1.467	1.706	5.822	866	4,38	36,97	1,69	1,97	6,72
-15	1.872	2.177	7.429	953	4,63	47,42	1,96	2,28	7,79
-10	2.372	2.759	9.413	1.035	4,88	60,45	2,29	2,67	9,10
-5	2.967	3.451	11.774	1.111	5,13	76,18	2,67	3,11	10,60
0	3.657	4.253	14.512	1.182	5,39	94,73	3,09	3,60	12,28
5	4.442	5.166	17.629	1.248	5,64	116,21	3,56	4,14	14,13
10	5.323	6.190	21.122	1.308	5,90	140,75	4,07	4,73	16,14

**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)
-20	1.224	1.424	4.859	870	4,37	34,03	1,41	1,64	5,58
-15	1.587	1.846	6.300	982	4,75	44,40	1,62	1,88	6,42
-10	2.030	2.360	8.054	1.089	5,14	57,17	1,86	2,17	7,40
-5	2.551	2.967	10.122	1.191	5,52	72,43	2,14	2,49	8,50
0	3.151	3.665	12.504	1.289	5,90	90,32	2,44	2,84	9,70
5	3.830	4.455	15.200	1.383	6,29	110,95	2,77	3,22	10,99
10	4.589	5.337	18.210	1.472	6,67	134,44	3,12	3,62	12,37

**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)
-20	972	1.131	3.859	875	4,37	30,35	1,11	1,29	4,41

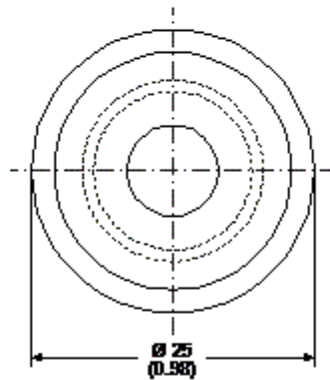
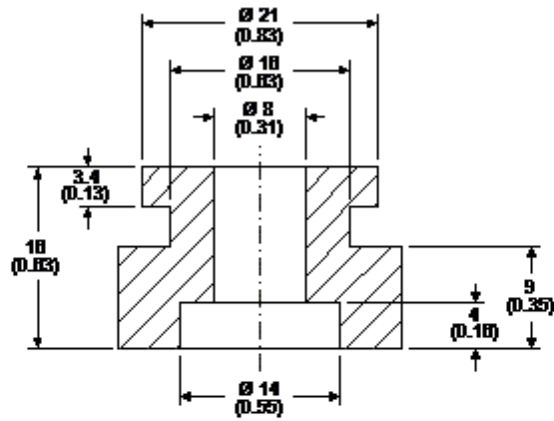
-15	1.291	1.50 1	5.123	1.012	4,88	40,55	1,28	1,48	5,06
-10	1.672	1.94 5	6.637	1.145	5,40	52,95	1,46	1,70	5,79
-5	2.117	2.46 2	8.401	1.275	5,91	67,65	1,66	1,93	6,59
0	2.625	3.05 2	10.415	1.401	6,43	84,79	1,87	2,18	7,43
5	3.195	3.71 6	12.680	1.524	6,94	104,47	2,10	2,44	8,32
10	3.829	4.45 3	15.195	1.644	7,46	126,82	2,33	2,71	9,25

## 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**