

Compressor Technical Data

Model: NJ9226GS

Code: 948LM11

Description

Refrigerant:	R-404A	Displacement (cm ³):	21,71
Voltage:	380-420 V 50 Hz / 440-480 V 60 Hz 3 ~	Lubricant Type:	ISO22
Frequency (Hz):	50	Lubricant Charge (ml):	750
Application:	MBP	Motor Type:	RSIR
HP:	1+	Starting Torque:	HST
Efficiency:	8,53	Type of Test:	ASHRAE46
Capacity:	11086,00		

Approval

Data

External Features

	Shape	Material	Diameter (mm)
Suction Connector	Vertical	Copper	9,60
Discharge Connector	Slanted J	Copper	8,00
Process Connector	Vertical	Copper	6,42

Oil Cooler:	
Base Plate:	American Standard
Tray Holder:	No
Weight (kg):	19,00

Application

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

Mechanical Data

Bill of materials:	948LM11
Starting torque:	High Starting Torque
Bore (mm):	38,09
Stroke (mm):	9,53
Weight (kg):	19,00

Electrical Data

Motor type:	RSIR
Winding Resistance (25°C) - Start:	9,33
Winding Resistance (25°C) - Run:	9,33

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	2.935	3.414	11.648	1.315	2,41	2,23	2,60	8,86

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	1.244	1.447	4.936	749	1,39	31,34	1,66	1,93	6,59
-15	1.586	1.845	6.295	819	1,50	40,18	1,94	2,25	7,69
-10	2.005	2.332	7.958	885	1,61	51,11	2,27	2,64	8,99
-5	2.501	2.909	9.926	946	1,71	64,23	2,64	3,07	10,49
0	3.074	3.576	12.200	1.002	1,82	79,64	3,07	3,57	12,18
5	3.725	4.332	14.781	1.052	1,93	97,44	3,54	4,12	14,05
10	4.452	5.178	17.667	1.096	2,06	117,73	4,06	4,72	16,12

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	1.039	1.209	4.124	754	1,38	28,88	1,38	1,60	5,47
-15	1.345	1.565	5.339	843	1,54	37,63	1,60	1,86	6,33
-10	1.715	1.995	6.807	929	1,69	48,32	1,85	2,15	7,33
-5	2.149	2.500	8.530	1.011	1,83	61,04	2,13	2,47	8,43
0	2.648	3.079	10.506	1.090	1,98	75,89	2,43	2,83	9,64
5	3.210	3.733	12.738	1.164	2,13	92,98	2,76	3,21	10,94
10	3.836	4.462	15.224	1.234	2,28	112,40	3,11	3,62	12,34

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	826	961	3.279	759	1,36	25,79	1,09	1,27	4,32

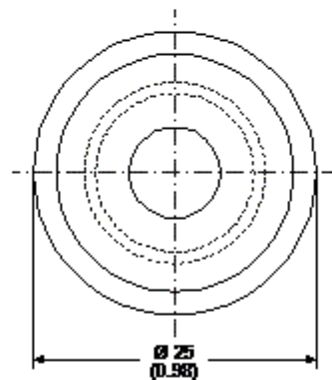
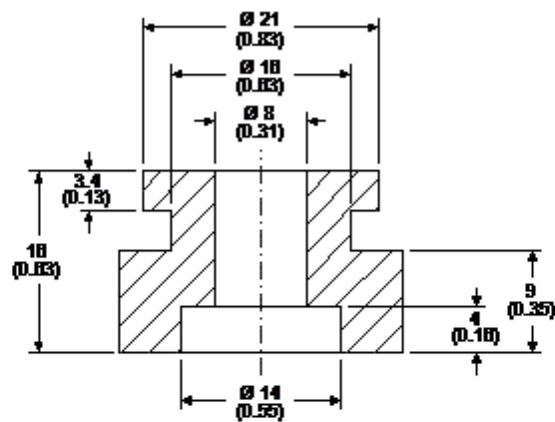
-15	1.094	1.27 3	4.342	867	1,57	34,38	1,26	1,47	5,01
-10	1.413	1.64 3	5.607	974	1,77	44,74	1,45	1,69	5,76
-5	1.783	2.07 3	7.075	1.079	1,96	56,98	1,65	1,92	6,56
0	2.204	2.56 3	8.745	1.181	2,15	71,19	1,87	2,17	7,40
5	2.676	3.11 2	10.619	1.280	2,34	87,49	2,09	2,43	8,29
10	3.200	3.72 1	12.697	1.376	2,53	105,96	2,33	2,70	9,23

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