Compressor Technical Data

Model: NT6222GK

Code: 922CN04

Description

Refrigerant:	R-404A	Displacement (cm³):	17,39
Voltage:	200-240 V 50 Hz / 230 V 60 Hz 1 ~	Lubricant Type:	ISO22
Frequency (Hz):	50	Lubricant Charge (ml):	450
Application:	MBP	Motor Type:	CSCR
HP:	1	Starting Torque:	HST
Efficiency:	7,70	Type of Test:	ASHRAE46
Capacity:	8492,00		

Approval

CCC

IMQ

IRAM

UL

Data

External Features

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

Oil Cooler:	
Base Plate:	Universal
Tray Holder:	No
Weight (kg):	17,00

Application

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

Mechanical Data

Bill of materials:	922CN04
Starting torque:	High Starting Torque
Bore (mm):	34,12
Stroke (mm):	9,52
Weight (kg):	17,00

Electrical Data

Motor type:	CSCR
Winding Resistance (25ºC) - Start:	1,75
Winding Resistance (25ºC) - Run:	10,10

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	2.163	2.516	8.583	1.091	5,72	1,98	2,31	7,87

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	973	1.132	3.862	605	3,25	24,53	1,61	1,87	6,39
-15	1.225	1.424	4.861	660	3,52	31,04	1,86	2,16	7,36
-10	1.529	1.778	6.066	717	3,80	38,95	2,13	2,48	8,46
-5	1.888	2.196	7.492	774	4,09	48,44	2,44	2,84	9,68
0	2.307	2.683	9.153	831	4,38	59,72	2,78	3,23	11,02
5	2.788	3.243	11.065	887	4,67	72,98	3,15	3,66	12,48
10	3.337	3.881	13.243	941	4,96	88,40	3,54	4,12	14,07

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	814	947	3.232	648	3,47	22,62	1,26	1,46	4,99
-15	1.038	1.207	4.118	709	3,77	29,03	1,46	1,70	5,81
-10	1.302	1.514	5.166	771	4,08	36,67	1,69	1,96	6,70
-5	1.611	1.873	6.391	835	4,41	45,74	1,93	2,24	7,65
0	1.968	2.288	7.808	901	4,74	56,43	2,18	2,54	8,67
5	2.376	2.764	9.430	967	5,08	68,93	2,46	2,86	9,75
10	2.841	3.304	11.273	1.033	5,42	83,44	2,75	3,20	10,91

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	685	796	2.718	695	3,70	21,39	0,99	1,15	3,91

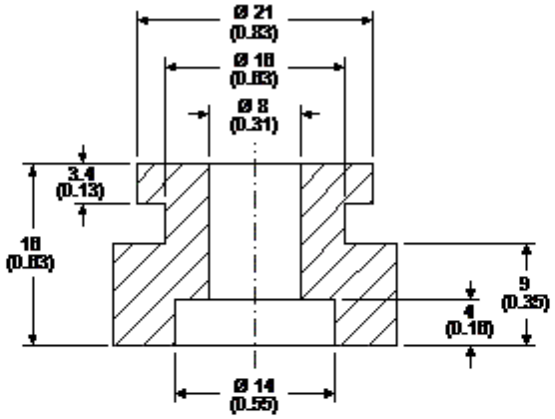
-15	877	1.019	3.478	762	4,04	27,53	1,15	1,34	4,56
-10	1.098	1.277	4.357	833	4,40	34,74	1,32	1,53	5,23
-5	1.353	1.573	5.368	908	4,78	43,21	1,49	1,73	5,91
0	1.644	1.912	6.525	984	5,18	53,14	1,67	1,94	6,63
5	1.977	2.299	7.845	1.062	5,58	64,73	1,86	2,16	7,39
10	2.354	2.738	9.341	1.142	5,98	78,15	2,06	2,40	8,18

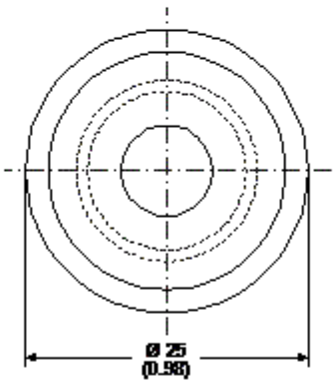
Dimensions

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