Compressor Technical Data

Model: NT6226GK

Code: 923BA02

Description

Refrigerant:	R-404A	Displacement (cm³):	22,37
Voltage:	220-240 V 50 Hz 1 ~	Lubricant Type:	ISO22
Frequency (Hz):	50	Lubricant Charge (ml):	450
Application:	MBP	Motor Type:	CSCR
HP:	1+	Starting Torque:	HST
Efficiency:	8,32	Type of Test:	ASHRAE46
Capacity:	11450,00		

Approval

IMQ

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):	17,50

Application

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

Mechanical Data

Bill of materials:	923BA02
Starting torque:	High Starting Torque
Bore (mm):	36,99
Stroke (mm):	10,42
Weight (kg):	17,50

Electrical Data

Motor type:	CSCR
Winding Resistance (25ºC) - Start:	1,70
Winding Resistance (25ºC) - Run:	8,40

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	2.913	3.387	11.558	1.368	6,56	2,13	2,48	8,45

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	1.326	1.542	5.261	759	3,81	33,38	1,75	2,03	6,93
-15	1.658	1.928	6.578	824	4,08	42,01	2,01	2,34	7,99
-10	2.058	2.394	8.168	889	4,37	52,47	2,32	2,69	9,19
-5	2.529	2.941	10.034	955	4,67	64,91	2,65	3,08	10,51
0	3.069	3.569	12.179	1.022	4,97	79,48	3,00	3,49	11,91
5	3.681	4.281	14.606	1.091	5,28	96,32	3,37	3,93	13,39
10	4.364	5.075	17.317	1.160	5,59	115,58	3,76	4,37	14,92

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	1.131	1.315	4.488	814	4,05	31,43	1,39	1,62	5,51
-15	1.421	1.652	5.637	893	4,39	39,75	1,59	1,85	6,31
-10	1.768	2.057	7.017	972	4,74	49,80	1,82	2,12	7,22
-5	2.175	2.529	8.630	1.051	5,10	61,74	2,07	2,41	8,21
0	2.641	3.071	10.480	1.130	5,46	75,71	2,34	2,72	9,27
5	3.167	3.683	12.569	1.210	5,83	91,85	2,62	3,04	10,39
10	3.754	4.366	14.899	1.291	6,20	110,30	2,91	3,38	11,54

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	947	1.102	3.759	865	4,27	29,57	1,09	1,27	4,34

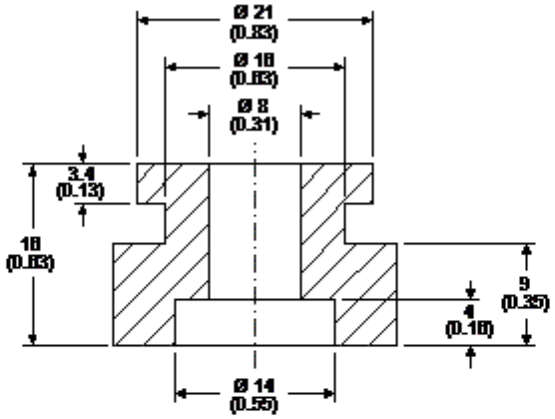
-15	1.196	1.390	4.745	961	4,69	37,57	1,24	1,45	4,94
-10	1.491	1.735	5.918	1.055	5,12	47,21	1,41	1,64	5,61
-5	1.835	2.135	7.283	1.149	5,55	58,63	1,60	1,86	6,34
0	2.228	2.591	8.842	1.242	5,98	71,98	1,79	2,09	7,12
5	2.670	3.106	10.597	1.335	6,41	87,41	2,00	2,33	7,94
10	3.163	3.678	12.551	1.428	6,84	105,05	2,22	2,58	8,79

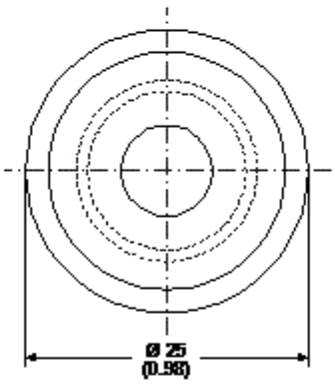
Dimensions

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