

Compressor Technical Data

Model: NE6170Z

Code: 262RN51

Description

Refrigerant:	R-134a	Displacement (cm ³):	8,77
Voltage:	200-240 V 50 Hz / 230 V 60 Hz 1 ~	Lubricant Type:	ISO22
Frequency (Hz):	50	Lubricant Charge (ml):	350
Application:	HBP	Motor Type:	CSIR
HP:	1/4+	Starting Torque:	HST
Efficiency:	8,18	Type of Test:	ASHRAE46
Capacity:	2698,00		

Approval

CCC

IMQ

Data

External Features

	Shape	Material	Diameter (mm)
Suction Connector	Slanted 42°	Copper	8,10
Discharge Connector	Straight	Copper	6,10
Process Connector	Slanted 42°	Copper	6,10

Oil Cooler:	
Base Plate:	European Standard
Tray Holder:	No
Weight (kg):	11,00

Application

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

Mechanical Data

Bill of materials:	262RN51
Starting torque:	High Starting Torque
Bore (mm):	26,50
Stroke (mm):	7,96
Weight (kg):	11,00

Electrical Data

Motor type:	CSIR
Winding Resistance (25°C) - Start:	5,65
Winding Resistance (25°C) - Run:	36,20

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	687	799	2.727	328	4,77	2,09	2,43	8,30

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)
-15	325	378	1.291	196	3,64	6,98	1,66	1,93	6,59
-10	417	485	1.655	215	3,79	8,98	1,94	2,26	7,70
-5	532	619	2.111	233	3,95	11,50	2,28	2,66	9,06
0	670	779	2.660	250	4,11	14,55	2,68	3,11	10,63
5	832	967	3.301	267	4,27	18,16	3,12	3,62	12,37
10	1.017	1.183	4.035	283	4,42	22,34	3,59	4,18	14,26

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)
-15	271	315	1.074	195	3,60	6,27	1,39	1,61	5,50
-10	354	412	1.406	220	3,81	8,25	1,61	1,87	6,40
-5	458	533	1.819	244	4,03	10,71	1,88	2,18	7,45
0	583	678	2.312	268	4,24	13,68	2,18	2,53	8,63
5	727	846	2.886	291	4,46	17,18	2,50	2,91	9,91
10	892	1.038	3.540	314	4,67	21,21	2,84	3,31	11,28

Condensing Temperature 55 °C

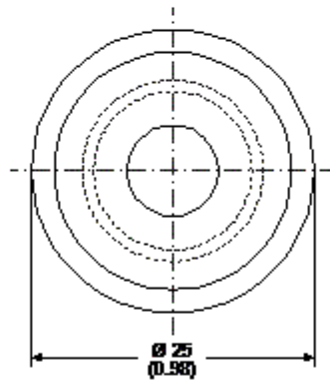
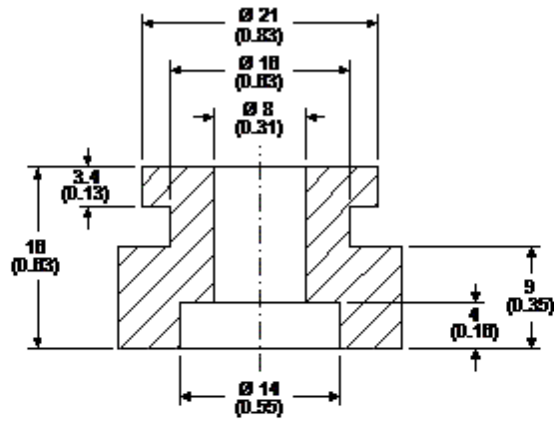
Evaporating Temperature	Cooling Capacity			Power Consumption +/- 5%	Current Consumption +/-5%	Gas Flow Rate +/- 5%	Efficiency +/-7%		
	(°C)	(kcal/h)	(W)				(Btu/h)	(W)	(A)
-15	213	248	847	194	3,56	5,40	1,10	1,28	4,37
-10	289	336	1.147	225	3,83	7,34	1,28	1,49	5,09
-5	382	444	1.515	256	4,11	9,73	1,49	1,73	5,91
0	492	572	1.951	287	4,38	12,60	1,71	1,99	6,80
5	619	719	2.455	317	4,66	15,96	1,95	2,27	7,74
10	763	887	3.027	347	4,93	19,83	2,20	2,56	8,72

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