

## Compressor Technical Data

**Model:** NJ6226Z

**Code:** 142HA14

### Description

Refrigerant:	R-134a	Displacement (cm <sup>3</sup> ):	34,38
Voltage:	220-240 V 50 Hz 1 ~	Lubricant Type:	ISO22
Frequency (Hz):	50	Lubricant Charge (ml):	750
Application:	HBP	Motor Type:	CSCR
HP:	1 1/4	Starting Torque:	HST
Efficiency:	8,24	Type of Test:	ASHRAE46
Capacity:	10156,00		

### Approval

CCC

IMQ

### 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):	19,80

#### Application

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

#### Mechanical Data

Bill of materials:	142HA14
Starting torque:	High Starting Torque
Bore (mm):	42,85
Stroke (mm):	11,93
Weight (kg):	19,80

#### Electrical Data

Motor type:	CSCR
Winding Resistance (25°C) - Start:	2,00
Winding Resistance (25°C) - Run:	8,70

**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	2.565	2.983	10.180	1.237	5,92	2,07	2,41	8,23

**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	1.579	1.836	6.265	708	3,68	33,90	2,23	2,59	8,84
-10	1.893	2.202	7.512	780	3,97	40,76	2,43	2,82	9,63
-5	2.283	2.656	9.061	851	4,26	49,34	2,68	3,12	10,65
0	2.750	3.198	10.911	922	4,56	59,69	2,98	3,47	11,84
5	3.292	3.828	13.062	992	4,86	71,86	3,32	3,86	13,16
10	3.909	4.546	15.513	1.064	5,17	85,90	3,67	4,27	14,58

**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	1.212	1.410	4.810	719	3,72	28,07	1,69	1,96	6,69
-10	1.529	1.778	6.067	813	4,10	35,58	1,88	2,19	7,46
-5	1.903	2.213	7.551	906	4,48	44,48	2,10	2,44	8,34
0	2.334	2.714	9.261	998	4,88	54,82	2,34	2,72	9,28
5	2.822	3.281	11.197	1.091	5,29	66,64	2,59	3,01	10,27
10	3.366	3.915	13.358	1.183	5,70	80,02	2,84	3,31	11,29

**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	831	967	3.299	730	3,76	21,03	1,14	1,32	4,52
-10	1.149	1.336	4.560	847	4,23	29,17	1,36	1,58	5,38
-5	1.505	1.750	5.973	963	4,71	38,36	1,56	1,82	6,20

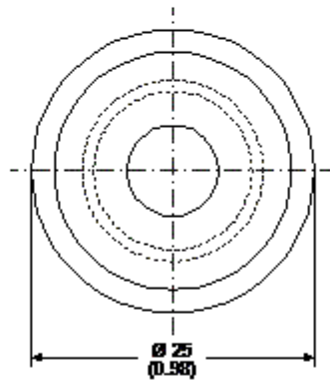
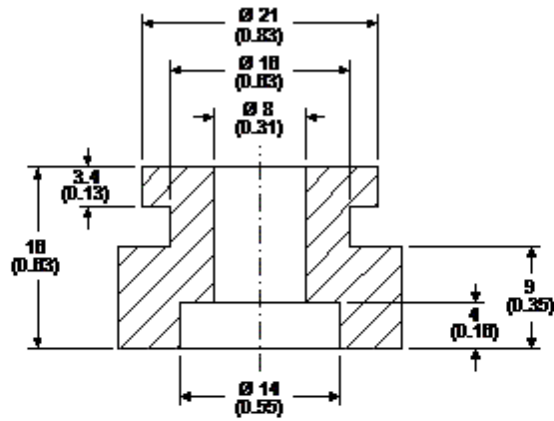
0	1.899	2.209	7.537	1.078	5,21	48,66	1,76	2,05	6,99
5	2.331	2.711	9.251	1.193	5,72	60,13	1,95	2,27	7,75
10	2.801	3.258	11.116	1.308	6,25	72,82	2,14	2,49	8,50

## 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**