Compressor Technical Data

Model: NEU6215GK

Code: 959NA51

Description

Refrigerant:	R-404A	Displacement (cm³):	12,11
Voltage:	220-240 V 50 Hz 1 ~	Lubricant Type:	ISO22
Frequency (Hz):	50	Lubricant Charge (ml):	350
Application:	MBP	Motor Type:	CSCR
HP:	3/4	Starting Torque:	HST
Efficiency:	7,61	Type of Test:	ASHRAE46
Capacity:	6582,00		

Approval

VDE

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):	11,50

Application

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

Mechanical Data

Bill of materials:	959NA51
Starting torque:	High Starting Torque
Bore (mm):	27,78
Stroke (mm):	10,00
Weight (kg):	11,50

Electrical Data

Motor type:	CSCR
Winding Resistance (25ºC) - Start:	4,25
Winding Resistance (25ºC) - Run:	14,26

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	1.705	1.983	6.767	860	4,06	1,98	2,30	7,86

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	814	947	3.231	442	2,22	20,48	1,84	2,14	7,30
-15	1.008	1.172	4.000	487	2,40	25,54	2,07	2,40	8,21
-10	1.231	1.432	4.886	534	2,60	31,40	2,31	2,68	9,15
-5	1.485	1.727	5.891	582	2,81	38,13	2,55	2,96	10,12
0	1.768	2.056	7.015	632	3,04	45,79	2,80	3,25	11,10
5	2.081	2.420	8.256	683	3,28	54,44	3,05	3,54	12,08
10	2.423	2.818	9.616	735	3,53	64,17	3,29	3,83	13,07

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	699	813	2.774	474	2,35	19,45	1,48	1,72	5,85
-15	867	1.008	3.440	525	2,57	24,26	1,65	1,92	6,55
-10	1.063	1.236	4.218	579	2,81	29,92	1,84	2,14	7,29
-5	1.287	1.497	5.107	634	3,06	36,52	2,03	2,36	8,05
0	1.539	1.790	6.107	692	3,32	44,11	2,22	2,59	8,82
5	1.819	2.116	7.219	752	3,60	52,75	2,42	2,81	9,60
10	2.127	2.474	8.442	814	3,88	62,52	2,61	3,04	10,37

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	577	671	2.288	501	2,46	18,00	1,15	1,34	4,57
-15	723	841	2.868	561	2,73	22,71	1,29	1,50	5,11

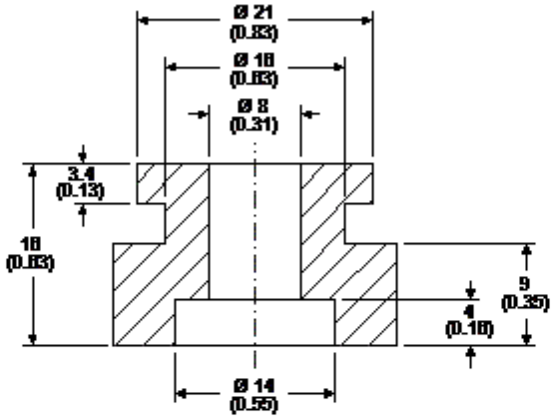
-10	895	1.041	3.553	625	3,02	28,34	1,43	1,67	5,69
-5	1.094	1.273	4.342	692	3,31	34,96	1,58	1,84	6,28
0	1.319	1.534	5.236	761	3,62	42,63	1,73	2,02	6,88
5	1.571	1.827	6.234	833	3,94	51,42	1,88	2,19	7,48
10	1.849	2.150	7.336	908	4,27	61,40	2,04	2,37	8,08

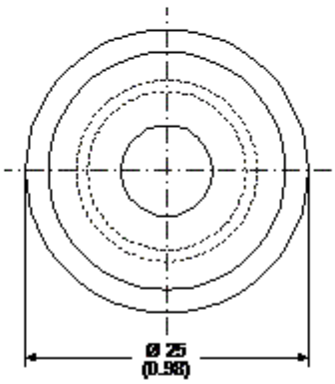
Dimensions

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