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:	CSIR
HP:	3/4	Starting Torque:	HST
Efficiency:	6,54	Type of Test:	ASHRAE46
Capacity:	6356,00		

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:	CSIR
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	1.622	1.887	6.438	968	5,05	1,68	1,95	6,65

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	807	939	3.203	471	2,94	20,34	1,71	1,99	6,80
-15	993	1.154	3.939	520	3,12	25,15	1,91	2,22	7,57
-10	1.210	1.407	4.801	572	3,32	30,83	2,12	2,46	8,40
-5	1.459	1.697	5.789	626	3,53	37,44	2,33	2,71	9,25
0	1.739	2.023	6.902	683	3,76	45,04	2,55	2,96	10,11
5	2.051	2.386	8.141	742	4,01	53,69	2,76	3,21	10,97
10	2.395	2.786	9.505	804	4,28	63,45	2,98	3,46	11,82

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	683	795	2.712	508	3,07	18,98	1,35	1,57	5,34
-15	850	989	3.374	565	3,28	23,79	1,50	1,75	5,97
-10	1.044	1.214	4.142	626	3,51	29,40	1,67	1,94	6,61
-5	1.264	1.470	5.015	691	3,78	35,88	1,83	2,13	7,26
0	1.510	1.756	5.993	759	4,07	43,30	1,99	2,31	7,89
5	1.783	2.074	7.076	831	4,38	51,71	2,15	2,50	8,51
10	2.083	2.422	8.265	907	4,72	61,19	2,30	2,67	9,12

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	571	664	2.267	541	3,17	17,83	1,06	1,23	4,19
-15	714	830	2.832	611	3,44	22,42	1,17	1,36	4,64

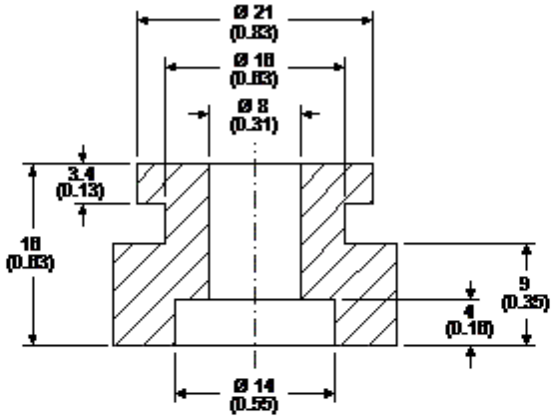
-10	877	1.020	3.481	685	3,75	27,77	1,28	1,49	5,08
-5	1.062	1.235	4.215	764	4,10	33,94	1,39	1,62	5,52
0	1.268	1.475	5.034	847	4,48	40,98	1,50	1,74	5,94
5	1.496	1.740	5.937	935	4,90	48,97	1,60	1,86	6,35
10	1.745	2.030	6.926	1.027	5,35	57,96	1,70	1,98	6,74

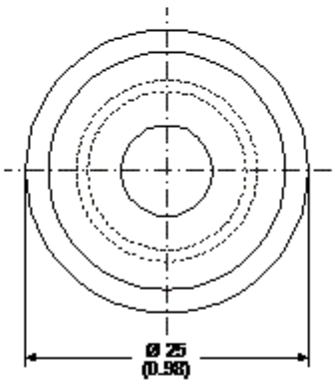
Dimensions

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