Compressor Technical Data

Model: NEU6212GK

Code: 958HA51

Description

Refrigerant:	R-404A	Displacement (cm³):	8,77
Voltage:	220-240 V 50 Hz 1 ~	Lubricant Type:	ISO22
Frequency (Hz):	50	Lubricant Charge (ml):	350
Application:	MBP	Motor Type:	CSIR
HP:	1/2	Starting Torque:	HST
Efficiency:	7,60	Type of Test:	ASHRAE46
Capacity:	4906,00		

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):	10,60

Application

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

Mechanical Data

Bill of materials:	958HA51
Starting torque:	High Starting Torque
Bore (mm):	26,50
Stroke (mm):	7,96
Weight (kg):	10,60

Electrical Data

Motor type:	CSIR
Winding Resistance (25ºC) - Start:	4,87
Winding Resistance (25ºC) - Run:	27,40

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	1.223	1.423	4.854	634	3,76	1,93	2,24	7,65

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	586	682	2.327	357	2,87	14,77	1,64	1,91	6,52
-15	727	846	2.886	387	2,94	18,43	1,88	2,19	7,46
-10	893	1.038	3.543	416	3,02	22,76	2,15	2,50	8,52
-5	1.083	1.260	4.298	444	3,10	27,81	2,44	2,84	9,69
0	1.298	1.510	5.152	470	3,19	33,62	2,76	3,21	10,96
5	1.538	1.789	6.103	495	3,29	40,25	3,11	3,61	12,33
10	1.802	2.096	7.153	518	3,40	47,74	3,48	4,05	13,81

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	492	572	1.952	378	2,94	13,67	1,30	1,51	5,16
-15	618	719	2.453	416	3,03	17,30	1,49	1,73	5,90
-10	765	890	3.038	452	3,13	21,56	1,69	1,97	6,72
-5	934	1.086	3.705	488	3,23	26,51	1,91	2,23	7,59
0	1.123	1.306	4.455	522	3,35	32,19	2,15	2,50	8,53
5	1.333	1.550	5.288	556	3,47	38,65	2,40	2,79	9,51
10	1.564	1.818	6.205	588	3,61	45,94	2,66	3,09	10,55

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	400	466	1.589	404	3,01	12,50	0,99	1,15	3,93
-15	511	595	2.029	449	3,12	16,07	1,14	1,33	4,52
-10	639	743	2.537	493	3,25	20,24	1,30	1,51	5,15

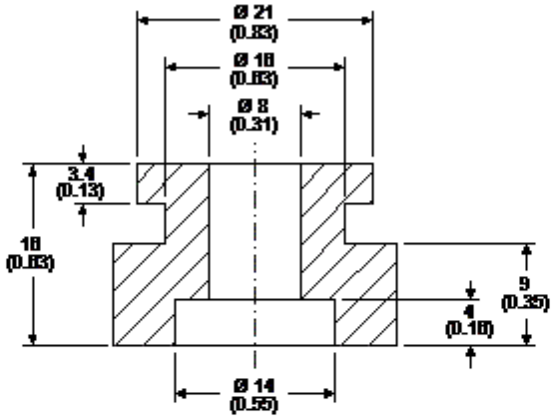
-5	784	912	3.112	536	3,39	25,06	1,46	1,70	5,81
0	946	1.101	3.756	579	3,54	30,57	1,64	1,90	6,49
5	1.126	1.309	4.467	620	3,70	36,84	1,81	2,11	7,20
10	1.322	1.537	5.245	661	3,87	43,90	2,00	2,33	7,94

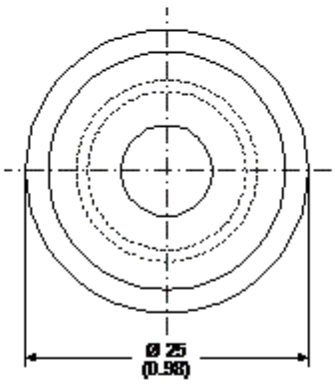
Dimensions

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