

Compressor testing report



Código Ansal: 906480

Modelo: AL-ADW43

(Factory): (Boot Time):8:00 (Off Time):11:30

AL-ADW43		R134a		GB/T9098-2008	
Compressor Type:AL-ADW43		Refrigerant:R134a		Executive Standard:GB/T9098-2008	
Test Conditions	℃ Evap. Temp -23.3	℃ Condensing.Temp 54.40	℃Suction. Temp 32.20	℃ Subcooling Temp 32.20	℃ Ambient Temp 32.20

(Test Item)	Unit	Test values	(Test Item)	Unit	Test values
(Voltage)	V	220	X.Y. (Vibration)	m/s ²	0.4/0.4/0.6
(Power Frequency)	Hz	50	(Cooling Capacity)	W	115.97
(Working Current)	A	0.83	C.O.P	W/W	1.12
(Subcooling Temp)	℃	32.2	(Cold Ambient Temp)	℃	25
(Discharge Temp)	℃	53.96	(Main Heat Resistor)	Ω	28.87
(Suction Temp)	℃	32.2	(Main Cold Resistor)	Ω	21.74
(Export Temp .of Calorimeter)	℃	32.2	(Secondary Heat Resistor)	Ω	12.44
(Room Temp)	℃	28	(Secondary Cold Resistor)	Ω	9.43
(Ambient Temp)	℃	33.56	(Main Winding Coil Temp)	℃	106.99
(Shell Temp)	℃	56.39	(Secondary Winding Coil Temp)	℃	104.79
(Evaporating Temp)	℃	-23.3	1250V/1min (Electric Strength 1250v/l min)		√
(Suction Pressure)	Mpa	0.115	≥50M Ω (Insulation Resistance≥50M Ω)		√
(Discharge Pressure)	Mpa	1.47	≤0.75mA (Leakage Current≤0.75mA)		√
(Calorimeter Heating power)	W	114.78	≤0.1 Ω (Grounded Resistor)		√
(Power Factor)	COS Φ	0.56	(V) (Cold, Max Release Voltage)		/
(Input Power)	W	103.03	R134a/0.55Mpa V The start up performance under R134a/0.45Mpa Balance pressure, the lowest voltage for hot(V)		P145V
Noise Level)	dB (A)	37.4			

Remarks: Pass

(Test time): 2025.01.22

(Test people): 02

(Audit people):