

Compressor Testing Report

Código Ansal: 906483

Compressor Type:AL-ADW86

AL-ADW86 Compressor Type:AL-ADW86		R134a Refrigerant:R134a		GB/T9098-2008 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	0.4/0.5/0.6
(Power Frequency)	Hz	50	(Cooling Capacity)	W	210.54
(Working Current)	A	1.18	C.O.P	W/W	1.301
(Subcooling Temp)	℃	32.2	(Cold Ambient Temp)	℃	25
(Discharge Temp)	℃	57.34	(Main Heat Resistor)	Ω	16.24
(Suction Temp)	℃	32.25	(Main Cold Resistor)	Ω	14.05
(Export Temp .of Calorimeter)	℃	32.2	(Secondary Heat Resistor)	Ω	25.43
(Room Temp)	℃	28	(Secondary Cold Resistor)	Ω	20.91
(Ambient Temp)	℃	32.2	(Main Winding Coil Temp)	℃	63.96
(Shell Temp)	℃	68.56	(Secondary Winding Coil Temp)	℃	79.04
(Evaporating Temp)	℃	-23.3	1250V/1min (Electric Strength 1250v/l min)		√
(Suction Pressure)	Mpa	0.115	≥50MΩ (Insulation Resistance≥50MΩ		√
(Discharge Pressure)	Mpa	1.47	≤0.75mA (Leakage Current≤0.75mA)		√
(Calorimeter Heating power)	W	213.54	≤0.1Ω(Grounded Resistor)		√
(Power Factor)	COSΦ	0.62	(V) (Cold, Max Release Voltage)		/
(Input Power)	W	161.82	R134a/0.55Mpa V The start up performance under R134a/0.45Mpa Balance pressure, the lowest voltage for hot(V)		P170V
Noise Level)	dB(A)	39.1			

Remarks: Pass

(Test time): 2025.01.24

(Test people): 02

(Audit people)