

HXK95AA KAPPA LBP Compressor Superior Efficiency R600a 220-240V 50Hz

General

Code number	CDO00085
Approvals	EN 60335-2-34 w. Annex AA
Compressors on pallet	100

Application

Application	LBP		
Frequency	Hz	50	60
Evaporating temperature	°C	-35 to -5	–
Voltage range	V	187 to 264	–
Max. condensing temperature continuous (short)	°C	60 (70)	–
Max. winding temperature continuous (short)	°C	130 (130)	–

Cooling requirements

Frequency	Hz	50			60		
Application		LBP	MBP	HBP	LBP	MBP	HBP
32°C		S	–	–	–	–	–
38°C		S	–	–	–	–	–
43°C		S	–	–	–	–	–
Remarks on application:							

Motor

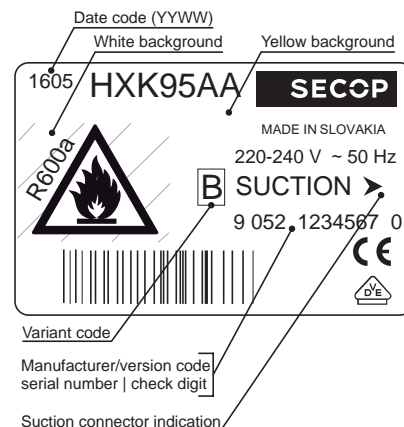
Motor type	RSCR		
LRA (rated after 4 sec. UL984), HST LST	A	–	3.8
Cut in Current, HST LST	A	–	11.6
Resistance, main start winding (25°C)	Ω	22,4	15,3

Design

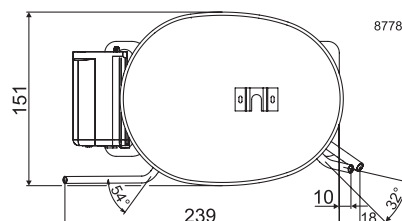
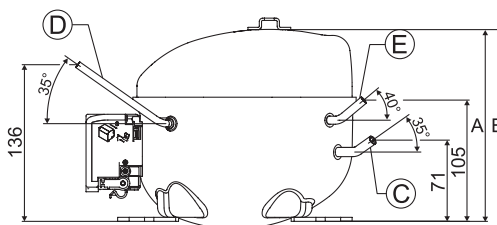
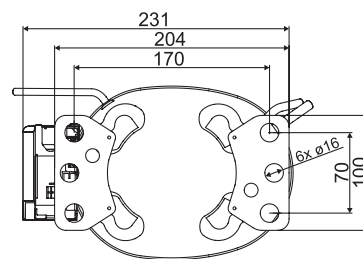
Displacement	cm ³	9.6
Oil quantity (type)	cm ³	165 (mineral)
Maximum refrigerant charge	g	150
Free gas volume in compressor	cm ³	1560
Weight without electrical equipment	kg	8.60

Dimensions

Height	mm	A	167.0
		B	173.5
Suction connector	location/I.D. mm angle	C	6.15 35°
	material comment	Copper Rubber plug	
Process connector	location/O.D. mm angle	D	6.00 35°
	material comment	Copper Rubber plug	
Discharge connector	location/I.D. mm angle	E	5.15 40°
	material comment	Copper Rubber plug	
Oil cooler connector	location/I.D. mm angle	F	–
	material comment	–	
Connector tolerance	I.D. mm	±0.05	
Remarks:			



- S = Static cooling normally sufficient
- O = Oil cooling
- F₁ = Fan cooling 1.5 m/s (compressor compartment temperature equal to ambient temperature)
- F₂ = Fan cooling 3.0 m/s necessary
- SG = Suction gas cooling normally sufficient
- = not applicable in this area

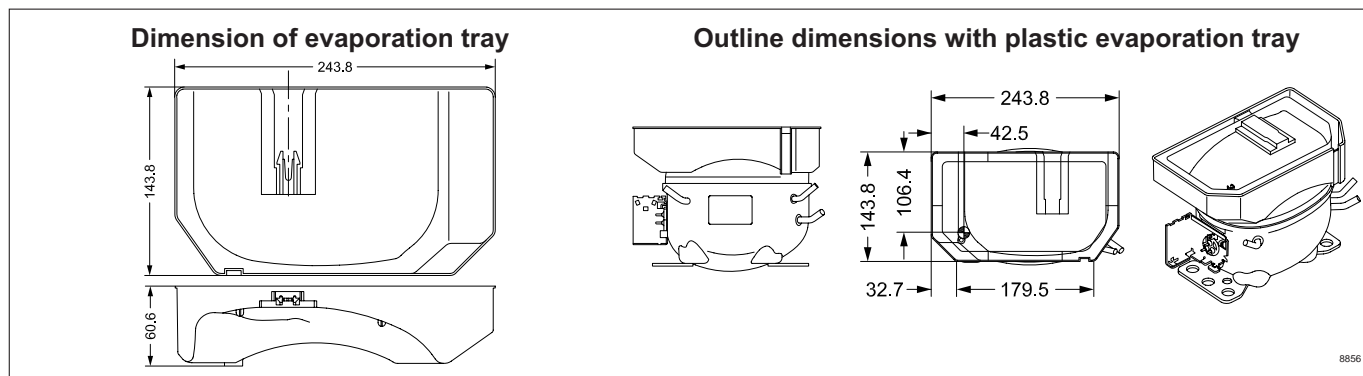


220V, 50Hz, RC 4μF, ePTC consumption incl., static cooling (alternative use of PTC +2W)

ASHRAE LBP

220V, 50Hz, RC 4μF, ePTC consumption incl., static cooling (alternative use of PTC +2W)

The diagram illustrates the assembly of the RSCR control unit. The exploded view on the left shows the Run capacitor, Terminal board (including ePTC and external protector), Cable clamp, and Cover. The wiring diagram on the right shows the internal components, including the Thermostat, Run capacitor, and 5th contact (optional).



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