

HTD35AA DELTA LBP Compressor Top Efficiency R600a 220-240V 50Hz

General

Code number (pre-assembled RSIR start equipment)	CDO00053
Approvals	EN 60335-2-34 w. Annex AA
Compressors on pallet	168

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	120 (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

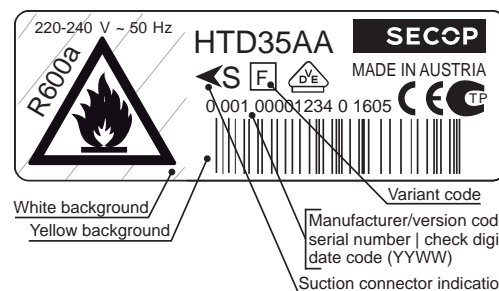
Motor type	RSCR/RSIR		
LRA (rated after 4 sec. UL984), HST LST	A	-	1.4
Cut in Current, HST LST	A	-	4.2
Resistance, main start winding (25°C)	Ω	84	50

Design

Displacement	cm ³	3.5
Oil quantity (type)	cm ³	84 (mineral)
Maximum refrigerant charge	g	150
Free gas volume in compressor	cm ³	837
Weight without electrical equipment	kg	3.7

Dimensions

Height	mm	A	133
		B	-
Suction connector	location/I.D. mm angle	C	6.2 73°
	material comment	Copper Rubber plug	
Process connector	location/O.D. mm angle	D	6.0 91°
	material comment	Copper Rubber plug	
Discharge connector	location/I.D. mm angle	E	5.0 93°
	material comment	Cu-plated steel Rubber plug	
Oil cooler connector	location/I.D. mm angle	F	-
	material comment	-	
Connector tolerance	I.D. mm		±0.1
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

