

DRY COOLER- 50 Hz



Date 9-3-2011
 Customer
 Reference

operatingmode	Glycol/Water	Unit Type	Alfablue Single row	Model	BDMS632LBT
Type of Calculation	Design	Margin		1.4 %	
Required Capacity	20.00 kW				
Calculated Capacity	20.27 kW	Altitude (a.s.l.)		0 m	

Dimensions			
length	3255 mm	Standard Unit Weight	324 kg
height	1255 mm		
depth	900 mm		
Packing	No packing	Shipping Volume	5.8 m ³

Thermal Data			
Air Temperature	9.0 °C / 10.6 °C		
Fluid	Eth.glycol 30.0 %	Fluid temperature in/out	15.0 °C / 9.9 °C
Fluid Flow Rate	1.0 l/s	Fluid pressure drop	53.7 kPa
Freezing Point	-15.8 °C		

Fan data	EC Motor ⁽³⁾		
Air Flow Rate:	9.800m ³ /s	Number of Fans	2
Rotation Speed	1330 rpm	Fan Diameter	630.0 mm
Total Nominal Power	4920 W	voltage	400V
Total Nominal current ⁽²⁾	7.4 A	Power Supply	3ph
Sound Pressure Level (10.0 m) ⁽¹⁾		FanConnection	D
Sound Power Level		59 dB(A)	
		91 dB(A)	

Coil Data			
Tube Material	Copper	Fin Material	Epoxy Coating
Fin Spacing	2.1 mm	Number of Circuits	9
surface	330.9 m ²	Internal Volume	28.8 litres
Connections	1"1/2 - 1"1/2	CoilConnectionSide	Same

Frame and casework	
casematerial	Galvanized Steel
Coil frame material	Aluzinc

NOTES

- ⁽¹⁾ Note11
- ⁽²⁾ Note2
- ⁽³⁾ Note3



Options

Feet Mounted Standard (h 500)
 Vibration Damper Yes

Electrical

Connection D
 Switch on/off No
 Connection Box Yes
 EC connection Parallel conn. 0-10V signal

Summary

Type *itemid*
 Configured Unit
 Vibration Damper 10999345
 Total price
 description1 BDMSE632LBD9 Feet CB
 description2 EP 2.1 CU

Program version 5.38 Data update 2011-01-13

