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Date: 2018-02-14
Enquiry dated:
Project: 8888888888888888
Quotation-no.:
Item: 8888888888888888
Reference: AB

Tehran
Iran

Drycooler 2 nos. x S-GFH 090.2A/2x7-U(S)-F6/3P.I

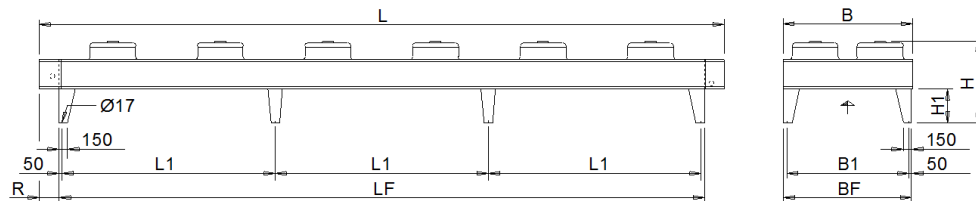
Capacity:	421.0 / 634.0 kW	Medium:	Ethylene glycol 30 Vol. % ⁽¹⁾
Surface reserve:	+10.0 %	Inlet:	57.2 / 90.0 °C
Air flow:	306215 m ³ /h	Outlet:	49.5 / 68.7 °C
Air inlet:	45.0 °C	Pressure drop:	0.50 / 0.14 bar
Altitude:	1375 m	Volume flow:	51.00 / 34.00 m ³ /h

Fans (AC):	14 Piece(s) 3~400V 50HzY/(--)	Noise pressure level:	65 dB(A) ⁽²⁾
Data per motor (nominal data):		at a distance of:	10.0 m
Speed:	820 min ⁻¹ / (--)	Noise power level:	98 dB(A)
Capacity (mech./el.):	2.18 kW/3.10 kW		
Current:	5.90 A ⁽³⁾		

Casing:	Galv. Steel, RAL 5012	 Tubes:	Copper ⁽⁴⁾
Surface:	3065.7 m ²	 Fins:	AlMg ⁽⁴⁾
Tube volume:	399.5 l	Connections per unit:	
Fin spacing:	2.40 mm	Inlet:	104.0 * 2.00 / 88,9 * 2.00 mm
Dry weight:	3000 kg ⁽⁵⁾	Outlet:	104.0 * 2.00 / 88,9 * 2.00 mm
Max. operating pressure:	16.0 bar	PED classification:	Art. 4, par. 3 ⁽⁶⁾
		 Passes:	2 / 1

Dimensions:⁽⁶⁾

L = 11840 mm
B = 2263 mm
H = 2425 mm
LF = 11258 mm
B1 = 2163 mm
BF = 2263 mm
H1 = 2000 mm



Attention: Drawing and dimensions not valid for all accessory options!

(S = Special coil, Special fan VT01196U Fans per row: 7 3~400V 50HzY)
Attention: Medium inlet and outlet on opposite sides!

Accessories	Piece(s)
Special varnishing RAL 5012 ⁽⁷⁾	1
Repair switch (single-speed) wired to fan	12
Wiring to junction box	14
1 set extended legs 2000 mm	1
Welding neck flanges DN100 PN16 B1 (DIN EN 1092-1) ⁽⁸⁾	2
Ball valve 1/2" for ventilation/drain	2
Special design	1
Extra accessories	
Welding neck flanges DN80 PN16 B1 (DIN EN 1092-1)	2
Hinged fan shroud	14

Important remarks / explanatory notes:

- (1) Fluid group 2 according to pressure equipment directive 2014/68/EU
- (2) According to the enveloping surface method defined in EN 13487; Eurovent tolerance = +2 dB(A). Applies only for AC fans, AC fans with sine control and EC fans. Noise caused by other control methods, water spraying systems or sound reflexions occurring at the installation site are not taken into account and may result in an increased sound pressure level.
- (3) The current consumption can differ in dependance of the air temperature and of the variations of system voltage according to the VDE guidance.
- (4) The unit may not be suitable for very corrosive atmospheres (close to shores, in smoke rooms, etc.). For further information see program menu "?!", "Material recommendations brochure", or ask your sales partner.
- (5) Dimensions and weights are not valid for all possible options! They may differ for units with accessories or special units (S-...).
- (6) Piping (DN = 100.0 mm, TSmax = 100 °C, liquid). Final classification according to pressure equipment directive 2014/68/EU during order processing.
- (7) Special varnish for accessories like receivers or control panels must be ordered separately. Please contact our Sales department.
- (8) Counterflange, screws and gaskets included