

R225ne

50Hz

CCN: 23570781
 Rev.: E
 ECN: 1156167
 Sheet: 2 of 2
 Date: 28-Nov-2016

CONSTRUCTION, FOUNDATION, AND MOUNTING DATA

PIPING CONNECTIONS

Air Discharge	Inches BSPT/NPT ⁽⁹⁾	3.00
Package Automatic Condensate Drain	Inches NPT	0.50
Coolant Drain (if drain tube removed)	Inches BSPT	0.50
Diameter of Power Inlet	Inches	3.0"
Water Inlet and Outlet Connections	Inches BSPT/NPT ⁽⁹⁾	2.00

COOLANT LUBRICATION DATA

Total Coolant Capacity - Air Cooled	litres (US gal)	152 (40)
Total Coolant Capacity - Water Cooled - Std	litres (US gal)	152 (40)
Total Coolant Capacity - Water Cooled - Harsh	litres (US gal)	N/A

DIMENSIONS & WEIGHT

		Base Mounted
Length, Width, Height	mm (inches)	4000 / 1930 / 2146 (157.5 / 76 / 84.5)
Net Weight - Air Cooled	kg (lb.)	5933 (13080)
Net Weight - Water Cooled	kg (lb.)	5933 (13080)
GA Drawing Number - Air Cooled		23442502
GA Drawing Number - Water Cooled		23442510

ELECTRICAL DATA

		380V, 3Φ	400V, 3Φ	415V, 3Φ	440V, 3Φ
Motor Protection				IP23 (ODP)	
Full Load Package Current - Air Cooled ⁽¹⁰⁾	Amps	470	447	431	406
Full Load Package Current - Water Cooled ⁽¹⁰⁾	Amps	428	407	392	370

Electrical Installation

		TBD	TBD	TBD	TBD
Recommended Supply Cable Size ⁽¹¹⁾	mm ² /Cu (AWG)				
Recommended Fuse Rating ⁽¹¹⁾⁽¹²⁾	Amps				

Notes :

- (1) FAD (Free Air Delivery) is full package performance including all losses. Tested per ISO 1217 : 2009 Annex C
- (2) Maximum pressure at package discharge, value at which compressor will stop when unit operating at maximum target pressure
- (3) At maximum speed and flow for the given package discharge pressure
- (4) Measured at rated capacity and rated pressure
- (5) Specific power guaranteed in accordance with ISO 1217 : 2009 Annex C
- (6) Measured in free field conditions per ISO 2151 using Hemispherical Method, with + 3 dB(A) tolerance.
- (7) 40% Relative Humidity Inlet Air and maximum speed (For alternate conditions contact IR)
- (8) Ambient temperature equivalent to cooling water inlet temperature
- (9) BSPT or NPT, depending on regional standard
- (10) Maximum current could exceed this value by up to 10% assuming fouled filters and elements
- (11) Always apply local electrical codes for sizing cables and fusing.
- (12) Fast Acting Class-J, T or Semiconductor type fuse required. Apply local electrical codes for fuse sizing