

TUAREG S

50345SN

|     | Nome                                 | Model                                | Modell                             | TUAREG 50345SN |
|-----|--------------------------------------|--------------------------------------|------------------------------------|----------------|
|     | Campo di applicazione                | Application field                    | Anwendungsbereich °C               | -5 ÷ -15       |
|     | Alimentazione                        | Power supply                         | Netzanschluß                       | 400/3/50       |
|     | Corrente massima assorbita [A]       | Max. absorbed current                | Max. absorbierter Strom A          | 19,9           |
|     | Potenza massima assorbita [kW]       | Max. absorbed power                  | Max. aufgenommene Leistung kW      | 9,55           |
|     | Tipo refrigerante                    | Refrigerant type                     | Kältemittel                        | R455A          |
|     | Classe PED                           | PED Category                         | PED-Klasse                         | II             |
|     | PS                                   | PS                                   | PS bar                             | 26             |
|     | Pressione sonora a 10 m**            | Sound pressure level at 10 m**       | Schalldruck in 10 m** dB(A)        | 50             |
|     | Capacità nominale di raffreddamento* | Nominal refrigeration capacity*      | Nennkühlleistung W                 | 12103          |
|     | COP*                                 | COP*                                 | COP* W/W                           | 2,21           |
|     | SEPR                                 | SEPR                                 | SEPR kWh/kWh                       | 3,32           |
|     | Consumo annuo di energia elettrica   | Annual electrical energy consumption | Jährlicher Stromverbrauch kWh/year | 22422          |
| CMP | Tipo compressore                     | Compressor type                      | Kompressortyp mm                   | S              |
|     | Numero compressori                   | Compressor number                    | Anzahl Kompressoren                | 1              |
|     | Controllo di capacità                | Capacity control                     | Kapazitätskontrolle                | On/Off         |
|     | Minimo fattore di carico             | Minimum power factor                 | Mindestlastfaktor %                | -              |
| CND | Passo alette                         | Fin spacing                          | Lamellenabstand mm                 | 2,5            |
|     | Volume condensatore                  | Condenser volume                     | Kondensatorvolumen l               | 6,31           |
|     | Ventilatori                          | Fan                                  | Ventilator                         | 3 x Ø450       |
|     | Tipo ventilatore                     | Fan type                             | Ventilator typ                     | EC             |
|     | Tipo controllo                       | Control type                         | Kontrolltyp                        | 0-10 Vdc       |
|     | Pot nominale assorbita               | Nom. power cons.                     | Nennleistungsaufnahme W            | 1500           |
|     | Portata aria                         | Air volume                           | Volumenstrom m3/h                  | 9600           |
|     | Volume ricevitore                    | Receiver volume                      | Empfängerlautstärke l              | 7,6            |
|     | Imballo X                            | Packing X                            | Verpackung X mm                    | -              |
|     | Imballo Y                            | Packing Y                            | Verpackung Y mm                    | -              |
|     | Imballo Z                            | Packing Z                            | Verpackung Z mm                    | -              |
|     | Peso lordo                           | Gross weight                         | Bruttogewicht kg                   | -              |
|     | Peso netto                           | Net Weight                           | Nettogewicht kg                    | -              |
|     | Volume imballo                       | Volume                               | Volumen m3                         | -              |
|     | Codice                               | Code                                 | Kodex                              | -              |

N= \* :Te= -10°C ; Ta= + 32°C

B= \* : Te= -35°C ; Ta= +32°C

\*\* Risultato derivante da correlazioni teoriche



**R455A is a flammable refrigerant. Refer to EN 378-1 for charge limits**

- CMP : Compressore / Compressor / Compresseur / Kompressorleistung / Compresor
- CND : Condensatore / Condenser / Condenseur / Verflüssiger / Condensador
- E : Ermetico / Hermetic / Hermetique / Vollhermetisch / Hermético
- EC : Ventilatore elettronico / Electronic fan / Ventilateur électronique / Elektronischer Ventilator / Ventilador electrónico
- Pf : Potenza frigorifera / Cooling capacity / Puissances frigorifiques / Kälteleistung / Potencia frigorífica
- Pe : Potenza elettrica assorbita / Electrical power consumption / Consommation électrique / Elektrischer Stromverbrauch / Consumo de energía eléctrica
- S : Semihermetico / Semihermetic / Semi-hermetique / Halbhermetisch / Semihermético
- Ta : Temperatura ambiente / Ambient temperature / Température ambiente / Umgebungstemperatur / Temperatura ambiente
- Te : Temperatura evaporazione / evaporation temperature / température d'évaporation / Verdampfungstemperatur / temperatura de evaporación

VELOCITÀ FISSA

FIXED SPEED

FESTE DREHZAHL

dimensionale 3 x 450

|                |           |     |       |      |      |      |       |       |       |      |       |       |       |       |
|----------------|-----------|-----|-------|------|------|------|-------|-------|-------|------|-------|-------|-------|-------|
| TUAREG 50345SN | Te        | °C  | -15   |      |      |      | -10   |       |       |      | -5    |       |       |       |
|                | Ta        | °C  | 27    | 32   | 38   | 43   | 27    | 32    | 38    | 43   | 27    | 32    | 38    | 43    |
|                | Pf        | W   | 10398 | 9497 | 8416 | 7516 | 13229 | 12103 | 10752 | 9626 | 15901 | 14557 | 12943 | 11599 |
|                | Pe        | W   | 4717  | 4928 | 5181 | 5392 | 5183  | 5479  | 5835  | 6132 | 5709  | 6089  | 6544  | 6924  |
|                | COP [W/W] | W/W | 2,20  | 1,93 | 1,62 | 1,39 | 2,55  | 2,21  | 1,84  | 1,57 | 2,79  | 2,39  | 1,98  | 1,68  |

! Max temperatura ambiente: +43°C / Max ambient temperature: +43°C / Température ambiante maximale: + 43°C / Max Umgebungstemperatur: +43°C / Temperatura ambiente maxima: +43°C