

TUAREG S  
110645SNI



|     | Nome                                 | Model                                | Modell                             | TUAREG 110645SNI |
|-----|--------------------------------------|--------------------------------------|------------------------------------|------------------|
|     | 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          | 60,3             |
|     | Potenza massima assorbita [kW]       | Max. absorbed power                  | Max. aufgenommene Leistung kW      | 16,03            |
|     | Tipo refrigerante                    | Refrigerant type                     | Kältemittel                        | R455A            |
|     | Classe PED                           | PED Category                         | PED-Klasse                         | III              |
|     | PS                                   | PS                                   | PS bar                             | 26               |
|     | Pressione sonora a 10 m**            | Sound pressure level at 10 m**       | Schalldruck in 10 m** dB(A)        | 53               |
|     | Capacità nominale di raffreddamento* | Nominal refrigeration capacity*      | Nennkühlleistung W                 | 29748            |
|     | COP*                                 | COP*                                 | COP* W/W                           | 2,25             |
|     | SEPR                                 | SEPR                                 | SEPR kWh/kWh                       | 3,17             |
|     | Consumo annuo di energia elettrica   | Annual electrical energy consumption | Jährlicher Stromverbrauch kWh/year | 57719            |
| CMP | Tipo compressore                     | Compressor type                      | Kompressor typ mm                  | S+I              |
|     | Numero compressori                   | Compressor number                    | Anzahl Kompressoren                | 2                |
|     | Controllo di capacità                | Capacity control                     | Kapazitätskontrolle                | Inverter         |
|     | Minimo fattore di carico             | Minimum power factor                 | Mindestlastfaktor %                | 22               |
| CND | Passo alette                         | Fin spacing                          | Lamellenabstand mm                 | 2,5              |
|     | Volume condensatore                  | Condenser volume                     | Kondensatorvolumen l               | 16,81            |
|     | Ventilatori                          | Fan                                  | Ventilator                         | 6 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            | 3000             |
|     | Portata aria                         | Air volume                           | Volumenstrom m3/h                  | 15000            |
|     | Volume ricevitore                    | Receiver volume                      | Empfängerlautstärke l              | 20               |
|     | 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 VARIABLE

VARIABLE SPEED

FESTE DREHZAHL

dimensionale 6 x 450

|                  |           |     |       |       |       |       |       |       |       |       |       |       |       |       |
|------------------|-----------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| TUAREG 110645SNI | Te        | °C  | -15   |       |       |       | -10   |       |       |       | -5    |       |       |       |
|                  | Ta        | °C  | 27    | 32    | 38    | 43    | 27    | 32    | 38    | 43    | 27    | 32    | 38    | 43    |
|                  | Pf        | W   | 28096 | 25752 | 22940 | 20597 | 32203 | 29748 | 26802 | 24347 | 36246 | 33680 | 30601 | 28034 |
|                  | Pe        | W   | 11543 | 11817 | 12146 | 12419 | 12826 | 13203 | 13655 | 14031 | 14168 | 14647 | 15222 | 15702 |
|                  | COP [W/W] | W/W | 2,43  | 2,18  | 1,89  | 1,66  | 2,51  | 2,25  | 1,96  | 1,74  | 2,56  | 2,30  | 2,01  | 1,79  |

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