

TUAREG S

75-70645SNBI



| Nome                                    | Model                                | Modell                     |                | TUAREG 75-70645SNBI |
|-----------------------------------------|--------------------------------------|----------------------------|----------------|---------------------|
| Campo di applicazione TN                | NT Application field                 | Anwendungsbereich TN       | °C             | -5 ÷ -15            |
| Campo di applicazione BT                | LT Application field                 | Anwendungsbereich BT       | °C             | -25 ÷ -35           |
| Alimentazione                           | Power supply                         | Netzanschluß               |                | 400/3/50            |
| Corrente massima assorbita [A]          | Max. absorbed current                | Max. absorbierter Strom    | A              | 71,20               |
| Potenza massima assorbita [kW]          | Max. absorbed power                  | Max. aufgenommene Leistung | kW             | 21,07               |
| 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 TN* | NT Nominal refrigeration capacity*   | Nennkühlleistung TN        | W              | 21327               |
| COP TN*                                 | COP NT*                              | COP TN*                    | W/W            | 2,43                |
| Capacità nominale di raffreddamento BT* | LT Nominal refrigeration capacity*   | Nennkühlleistung BT        | W              | 4145                |
| COP BT*                                 | COP LT*                              | COP BT*                    | W/W            | 1,07                |
| SEPR                                    | SEPR                                 | SEPR                       | kWh/kWh        |                     |
| Consumo annuo di energia elettrica      | Annual electrical energy consumption | jährlicher Stromverbrauch  | kWh/year       |                     |
| CMP                                     | Tipo compressore                     | Compressor type            | mm             | S+I                 |
|                                         | Numero compressori                   | Compressor number          |                | 2                   |
|                                         | Controllo di capacità                | Capacity control           |                | Inverter            |
|                                         | Minimo fattore di carico             | Minimum power factor       | %              | 43                  |
| CND                                     | Passo alette                         | Fin spacing                | mm             | 2,5                 |
|                                         | Volume condensatore                  | Condenser volume           | l              | 16,81               |
|                                         | Ventilatori                          | Fan                        |                | 6 x Ø450            |
|                                         | Tipo ventilatore                     | Fan type                   | Ventilator typ | EC                  |
|                                         | Tipo controllo                       | Control type               | Kontrolltyp    | 0-10 Vdc            |
|                                         | Pot nominale assorbita               | Nom. power cons.           | W              | 3000                |
|                                         | Portata aria                         | Air volume                 | m3/h           | 15000               |
|                                         | Volume ricevitore                    | Receiver volume            | l              | 20                  |
|                                         | Imballo X                            | Packing X                  | mm             | -                   |
|                                         | Imballo Y                            | Packing Y                  | mm             | -                   |
|                                         | Imballo Z                            | Packing Z                  | mm             | -                   |
|                                         | Peso lordo                           | Gross weight               | kg             | -                   |
|                                         | Peso netto                           | Net Weight                 | kg             | -                   |
|                                         | Volume imballo                       | Volume                     | 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 VARIABILE TN + BT

TN + BT VARIABLE SPEED

FESTE DREHZAHL TN + BT

dimensionale 6 x 450

|                     |        |     |                   |       |       |       |                   |       |       |       |                  |       |       |       |                  |       |       |       |
|---------------------|--------|-----|-------------------|-------|-------|-------|-------------------|-------|-------|-------|------------------|-------|-------|-------|------------------|-------|-------|-------|
| TUAREG 75-70645SNBI | Te     | °C  | TN: -10 / BT: -35 |       |       |       | TN: -10 / BT: -30 |       |       |       | TN: -5 / BT: -35 |       |       |       | TN: -5 / BT: -30 |       |       |       |
|                     | Ta     | °C  | 27                | 32    | 38    | 43    | 27                | 32    | 38    | 43    | 27               | 32    | 38    | 43    | 27               | 32    | 38    | 43    |
|                     | Pf TN  | W   | 23015             | 21327 | 19300 | 17612 | 22723             | 21034 | 19008 | 17319 | 26033            | 24266 | 22146 | 20379 | 25727            | 23960 | 21840 | 20073 |
|                     | Pf BT  | W   | 5263              | 4145  | 2803  | 1685  | 7990              | 6809  | 5393  | 4213  | 5040             | 3922  | 2581  | 1464  | 7755             | 6575  | 5159  | 3979  |
|                     | Pe     | W   | 12470             | 12637 | 12838 | 13005 | 13226             | 13457 | 13734 | 13965 | 13349            | 13584 | 13866 | 14102 | 14129            | 14428 | 14787 | 15086 |
|                     | COP TN | W/W | 2,70              | 2,43  | 2,13  | 1,89  | 2,65              | 2,39  | 2,09  | 1,85  | 2,76             | 2,49  | 2,19  | 1,95  | 2,71             | 2,45  | 2,15  | 1,91  |
|                     | COP BT | W/W | 1,34              | 1,07  | 0,74  | 0,46  | 1,72              | 1,47  | 1,17  | 0,91  | 1,28             | 1,02  | 0,69  | 0,40  | 1,67             | 1,42  | 1,12  | 0,86  |