# KPC

## 320N 110B R744

| | Nome | Model | Modell | | KPC 320N 110B R744 |
|---|---|---|---|---|---|
| | 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 | Max. absorbed current | Max. absorbierter Strom | A | 77,7 |
| | Potenza massima assorbita | Max. absorbed power | Max. aufgenommene Leistung | kW | 41 |
| | Tipo refrigerante | Refrigerant type | Kältemittel | | R744 |
| | Tipologia circuito | Circuit type | Art des Kältekreislaufs | | OFT |
| | Valvola gas caldo | Hot gas valve | Heißgasventil | | VE |
| | Valvola flash gas | Flash gas valve | Flashgasventil | | VE |
| | Classe PED | PED Category | PED-Klasse | | IV |
| | PS | PS | PS | bar | 130 / 100 / 52 |
| | Pressione sonora a 10 m** | Sound pressure level at 10 m** | Schalldruck in 10 m** | dB(A) | 42 |
| | Capacità nominale di raffreddamento TN* | NT Nominal refrigeration capacity* | Nennkühlleistung TN | kW | 32,8 |
| | COP TN* | COP NT* | COP TN* | kW/kW | 1,78 |
| | Capacità nominale di raffreddamento BT* | LT Nominal refrigeration capacity* | Nennkühlleistung BT | kW | 10,9 |
| | COP BT* | COP LT* | COP BT* | kW/kW | 1,25 |
| | SEPR | SEPR | SEPR | kWh/kWh | - |
| | Consumo annuo di energia elettrica | Annual electrical energy consumption | Jährlicher Stromverbrauch | kWh/year | - |
| | Tipo compressore | Compressor type | Kompressortyp | mm | S TN + DS BT + I |
| CMP | Numero compressori | Compressor number | Anzahl Kompressoren | | 2 |
| | Controllo di capacità | Capacity control | Kapazitätskontrolle | | Inverter |
| | Minimo fattore di carico | Minimum power factor | Mindestlastfaktor | % | 25 |
| | Passo alette | Fin spacing | Lamellenabstand | mm | 2,5 |
| | Volume gas cooler | Gas cooler volume | Gasvolumenkühler | l | 13,1 |
| | Ventilatori | Fan | Ventilator | | 6 x Ø450 |
| GC | Tipo ventilatore | Fan type | Ventilatortyp | | 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 | 40 |
| | 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 | | - |

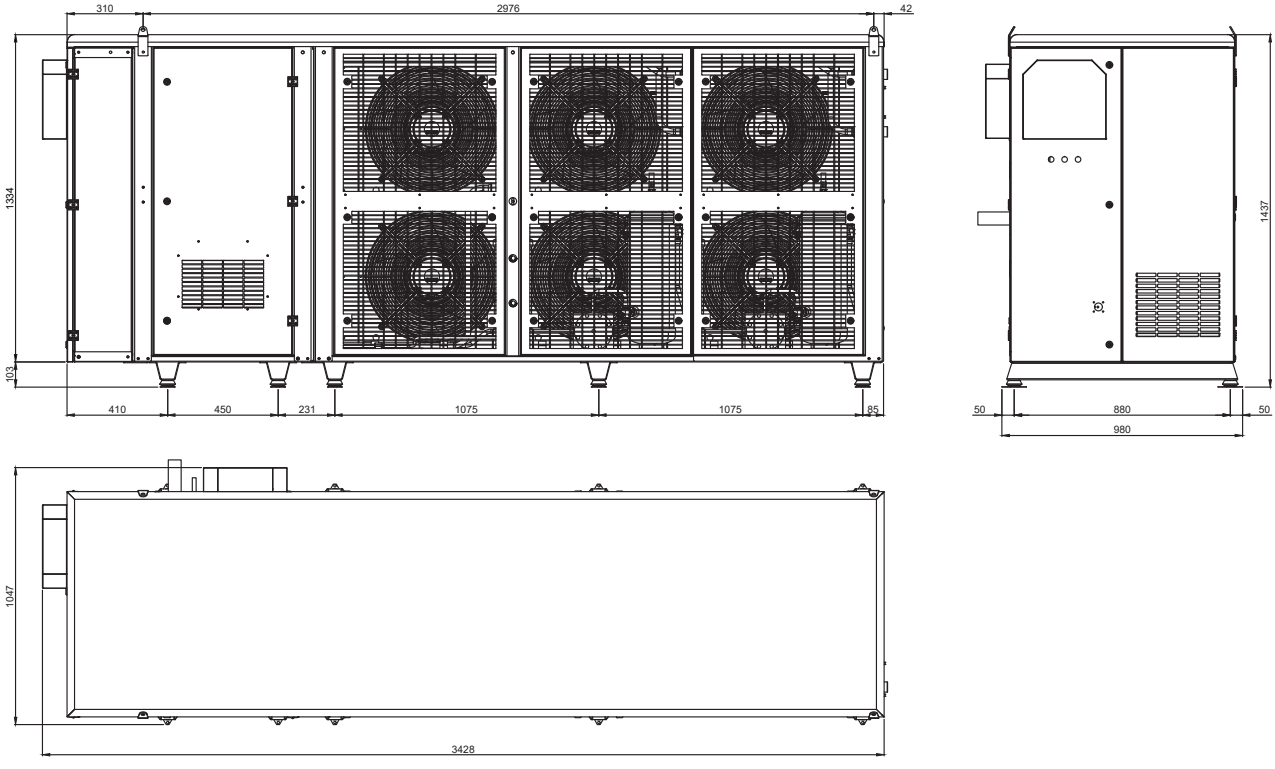
N= * :Te= -10°C ; Ta= + 32°C

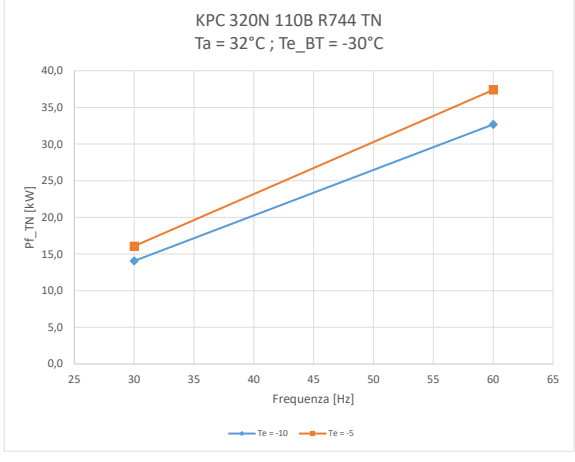
B= * : Te= -35°C ; Ta= +32°C

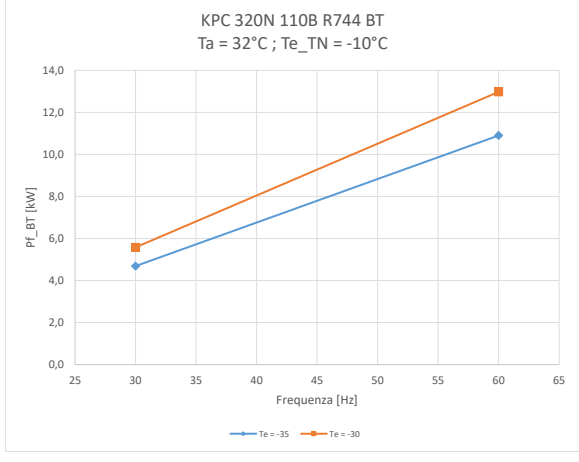
** Risultato derivante da correlazioni teoriche

**CMP** : Compressore / Compressor / Compresseur / Kompressorleistung / Compressor
**GC** : Gas Cooler
**E** : Ermetico / Hermetic / Hermetique / Vollhermetisch / Hermetische
**EVP** : Evaporatore / Evaporatour / Evaporateur / Verdampfer / Verdamper
**HG** : Gas caldo / Hot gas / Gaz chaud / Heissgas / Heet gas
**P** : Potenza frigorifera / Cooling capacity / Puissances frigorifiques Kälteleistung / Koelcapaciteit
**S** : Semiermetico / Semihermetic / Semi-hermetique / Halbhermetisch / Semi hermetisch
**Ta** : Temperatura ambiente / Ambient temperature / Température ambiente Umgebungstemperatur / Omgevingstemperatuur
I : Inverter

**Tc** : Temperatura cella / Cold room temperature / Température chambre froid Kühlraumtemperatur / Koude kamertemperatuur
**Te** : Temperatura evaporazione / evaporation temperature / température d'évaporation Verdampfungstemperatur / verdampingstemperatuur
**Tcond** : Temperatura condensazione / condensation temperature / température de condensation Kondensationstemperatur / condensatietemperatuur
**V** : Volume cella / Coldroom volume / Volume chambre / Kühlzellenvolumen /Koelkamervolume
VE : Valvola elettronica / Electronic valve / Valve électronique / Elektronisches Ventil / Válvula electrónica
VT : Valvola termostatica / Expansion valve / Détendeur thermostatique / Thermostatisches Expansionventil / Expansieklep




RESA - CAPACITY - PUISSANCE - LEISTUNG - PRESTATIE / VOLUME - VOLUME - VOLUME - VOLUME - VOLUME

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KPC 320N 110B R744 | 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 | kW | 34,2 | 32,8 | 31,0 | 29,4 | 34,0 | 32,7 | 30,9 | 29,3 | 39,1 | 37,5 | 35,5 | 33,8 | 38,9 | 37,4 | 35,4 | 33,6 |
| | Pf BT | kW | 10,9 | 10,9 | 10,9 | 10,9 | 13,0 | 13,0 | 13,0 | 13,0 | 10,9 | 10,9 | 10,9 | 10,9 | 13,0 | 13,0 | 13,0 | 13,0 |
| | Pe | kW | 24,7 | 27,2 | 30,3 | 32,9 | 25,3 | 27,8 | 30,9 | 33,5 | 25,4 | 28,0 | 31,2 | 33,9 | 26,0 | 28,7 | 31,8 | 34,6 |
| | COP TN | kW/kW | 2,05 | 1,78 | 1,51 | 1,32 | 2,01 | 1,75 | 1,49 | 1,31 | 2,27 | 1,97 | 1,67 | 1,46 | 2,24 | 1,94 | 1,65 | 1,44 |
| | COP BT | kW/kW | 1,36 | 1,25 | 1,12 | 1,03 | 1,54 | 1,41 | 1,27 | 1,16 | 1,33 | 1,22 | 1,11 | 1,02 | 1,51 | 1,38 | 1,25 | 1,15 |

Disegno tecnico indicativo. Le misure reali potrebbero subire delle variazioni. Indicative technical drawing. Actual measurements may vary.