KPC

160N 23B

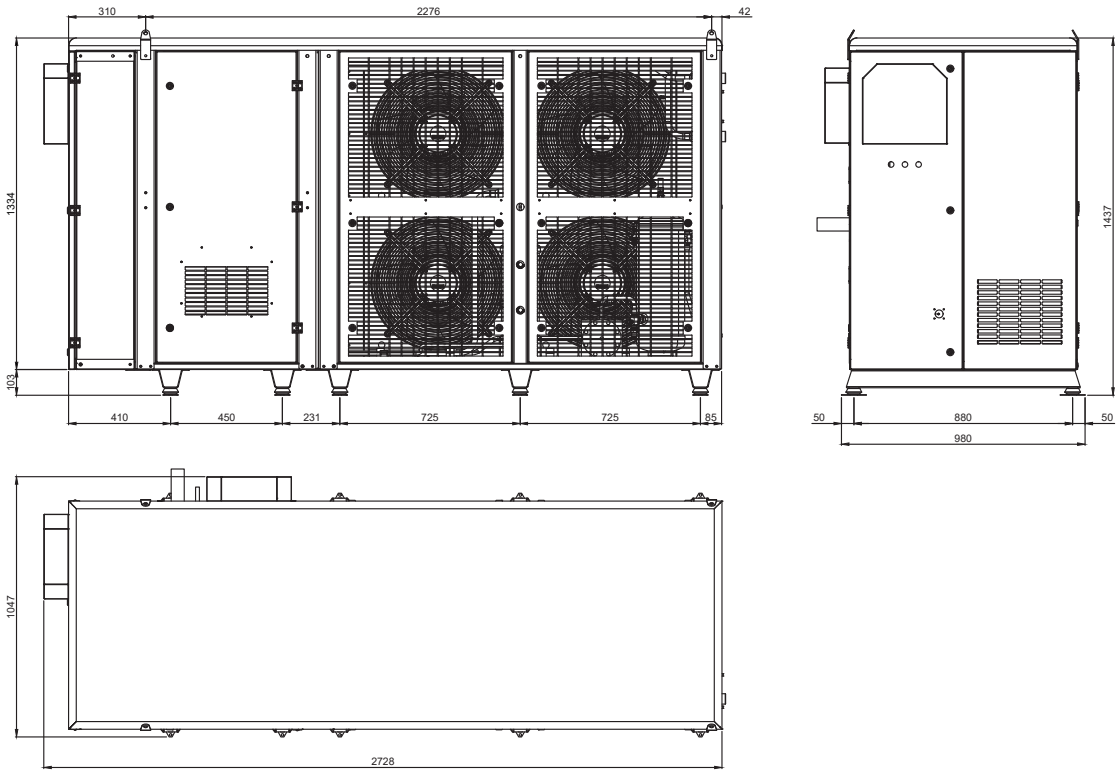
	Nome	Model	Modell		KPC 160N 23B
	Campo di applicazione TN	NT Application field	Anwendungsbereich TN	°C	-5 ÷ -15
	Campo di applicazione BT	LT Application field	Anwendungsbereich BT	°C	-25 ÷ -35
	Alimentazione	Power supply	Netzanschluß		400/3/50
	Corrente massima assorbita [A]	Max. absorbed current	Max. absorbierter Strom	A	53,80
	Potenza massima assorbita [kW]	Max. absorbed power	Max. aufgenommene Leistung	kW	20,7
	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)	40
	Capacità nominale di raffreddamento TN*	NT Nominal refrigeration capacity*	Nennkühlleistung TN	W	16115
	COP TN*	COP NT*	COP TN*	W/W	2,36
	Capacità nominale di raffreddamento BT*	LT Nominal refrigeration capacity*	Nennkühlleistung BT	W	2288
	COP BT*	COP LT*	COP BT*	W/W	1,00
	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+I
CMP	Numero compressori	Compressor number	Anzahl Kompressoren		2
	Controllo di capacità	Capacity control	Kapazitätskontrolle		Inverter
	Minimo fattore di carico	Minimum power factor	Mindestlastfaktor	%	43
	Passo alette	Fin spacing	Lamellenabstand	mm	2,5
	Volume condensatore	Condenser volume	Kondensatorvolumen	l	11,35
	Ventilatori	Fan	Ventilator		4 x Ø450
CND	Tipo ventilatore	Fan type	Ventilatortyp		EC
	Tipo controllo	Control type	Kontrolltyp		0-10 Vdc
	Pot nominale assorbita	Nom. power cons.	Nennleistungsaufnahme	W	2000
	Portata aria	Air volume	Volumenstrom	m3/h	10000
	Volume ricevitore	Receiver volume	Empfängerlautstärke	l	14,5
	Imballo X	Packing X	Verpackung X	mm	2350
	Imballo Y	Packing Y	Verpackung Y	mm	1400
	Imballo Z	Packing Z	Verpackung Z	mm	1650
	Peso lordo	Gross weight	Bruttogewicht	kg	-
	Peso netto	Net Weight	Nettogewicht	kg	-
	Volume imballo	Volume	Volumen	m3	5,43
	Codice	Code	Kodex		-

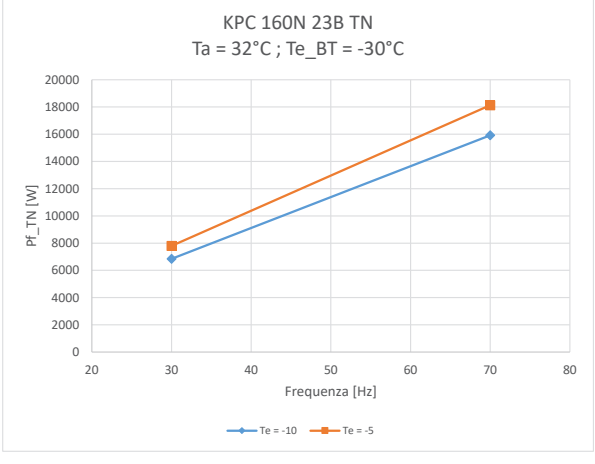
N= * :Te= -10°C ; Ta= + 32°C
B= * : Te= -35°C ; Ta= +32°C
** Risultato derivante da correlazioni teoriche

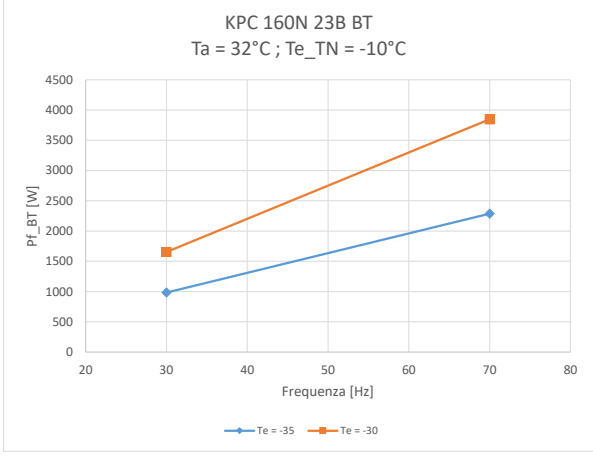
R455A: Fluido refrigerante infiammabile, Flammable refrigeration fluid, Fluide frigogène inflammable, Entflammbar Kältemittel, Fluido frigorigeno inflamable
C : Capillare / Capillary / Capillaire / Kapillar / Capillair
CMP : Compressore / Compressor / Compresseur / Kompressorleistung / Compressor
CND : Condensatore / Condenser / Condenseur / Verflüssiger / Condensor
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
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
VT : Valvola termostatica / Expansion valve / Détendeur thermostatique / Thermostatisches Expansionventil / Expansieklep

edition: 2026_10_29







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

KPC 160N 23B	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	17394	16115	14581	13303	17198	15919	14385	13107	19664	18334	16738	15408	19460	18130	16534	15204
	Pf BT	W	2938	2288	1507	857	4534	3848	3024	2338	2786	2134	1353	701	4373	3686	2861	2174
	Pe	W	8967	9112	9285	9430	9426	9609	9828	10010	9696	9910	10167	10380	10175	10427	10729	10980
	COP TN	W/W	2,62	2,36	2,06	1,83	2,58	2,32	2,03	1,80	2,66	2,40	2,10	1,88	2,62	2,36	2,07	1,84
	COP BT	W/W	1,26	1,00	0,68	0,39	1,65	1,40	1,11	0,86	1,20	0,94	0,61	0,32	1,59	1,34	1,05	0,80

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