

<div>Pfannenberg</div> <div>ELECTRO-TECHNOLOGY FOR INDUSTRY</div>		<div>PRODUCT TECHNICAL DATASHEET</div> <div>(SCHEDA TECNICA PRODOTTO)</div>		rev. 4.0	
				17/10/2019	
				DATASHEET CODE (CODICE SCHEDA)	
				42160253005	
TYPE OF UNIT				UNIT PART NR (CODICE MACCHINA)	
PC2500 WT CE STD				42160253005	
WEIGHT WITHOUT FLUID (MASSA SENZA FLUIDO) [Kg]		NOISE LEVEL (RUMORE) [Db]		COLOUR (COLORE)	
65		67		RAL 7021	
				PED CATEGORY (CATEGORIA PED)	
				I	
AMBIENT CONDITIONS (CONDIZIONI AMBIENTE)					
MIN AMBIENT TEMPERATURE (MIN TEMPERATURA AMBIENTE) [°C]		MAX AMBIENT TEMPERATURE (MAX TEMPERATURA AMBIENTE) [°C]		MAX RELATIVE HUMIDITY (MAX UMIDITA' RELATIVA) [%]	
10		50		80	
REFRIGERATION CIRCUIT (CIRCUITO FRIGORIFERO)					
COOLING CAPACITY (POTENZA DISSIPATA) [Kw]		REFRIGERANT GROUP (GRUPPO REFRIGERANTE)		REFRIGERANT TYPE (TIPO GAS)	
2,45		2		R134A	
				REFRIGERANT CHARGE (CARICA GAS) [Kg]	
				0,6	
MIN PRESSURE PS (MIN PRESSIONE PS) [bar]		MAX PRESSURE PS (MAX PRESSIONE PS) [bar]		MIN TEMPERATURE TS (MIN TEMPERATURA TS) [°C]	
0,5		28		-17	
				MAX TEMPERATURE TS (MAX TEMPERATURA TS) [°C]	
				86	
HYDRAULIC CIRCUIT (CIRCUITO IDRAULICO)					
COOLING FLUID TYPE (TIPO FLUIDO USATO)		COOLING FLUID SET POINT RANGE RANGE DEL SET POINT IMPOSTABILE [°C]		TANK VOLUME CAPACITA' SERBATOIO [Lt]	
WATER		13 ... 30		10	
				STD FACTORY SET POINT STD SET POINT DI FABBRICA [°C]	
				18	
TYPE OF PUMP (TIPO DI POMPA)		NOMINAL FLOW RATE (PORTATA NOMINALE) [L/min]		NOMINAL PRESSURE (PRESSIONE NOMINALE) 50 Hz [bar]	
PERIPHERICAL/PERIFERICA		7,5		2,9	
ELECTRICAL CIRCUIT (IMPIANTO ELETTRICO)					
POWER SUPPLY (ALIMENTAZIONE) [V±10% / ph / Hz ±1%]		CONTROL CIRCUIT (CIRCUITO DI COMANDO)		ELECTRIC HEATER (RESISTENZA) [W]	
230/1/50		230V AC		-	
				SCCR [kA]	
				5	
MAX POWER INPUT [kW] - CURRENT INPUT [A] (ASSORBIMENTI MASSIMI)					
1,50 [kW] (50Hz)					
7,50 [A] (50Hz)					
SCHEMES (SCHEMI)					
		HYDRAULIC DIAGRAM		ELECTRICAL DIAGRAM	
		70006-265		70010-484	
INSTALLED FEATURES (OPZIONI INSTALLATE)					
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ACCESSORIES (EXTERNAL TO THE CHILLER, INSTALLATION BY CUSTOMER) ACCESSORI (INSTALLAZIONE ESTERNAMENTE AL CHILLER A CURA DEL CLIENTE)			INSTALLED FEATURES (OPZIONI INSTALLATE)		
ACRONYM (ACRONIMO)	DESCRIPTION (DESCRIZIONE)	ELECTRICAL DIAGRAM	HYDRAULIC DIAGRAM	OTHER	DESCRIPTION (DESCRIZIONE)
		BPG	BPG		Hot-Gas By-pass
			BPH		hydraulic relief valve
		EL	EL		Electric Level
		EM			Error message label
		FS	FS		Flow Switch
				LTA-D	antivibration damper
				NFH	non ferrous hydraulic circuit
		TE			Electronic Thermostat
		TMN-TMX			Min-max temp. fluid alarm
			WT		Water Unit