


<div><div><div>Pfannenberg</div><div>ELECTRO-TECHNOLOGY FOR INDUSTRY</div></div><div></div></div>		rev. 2.0	
		11/12/2017	
		DATASHEET CODE (CODICE SCHEDA)	
		785505304	
TYPE OF UNIT		UNIT PART NR (CODICE MACCHINA)	
EB 160 WT CE STD		42031605001	
WEIGHT (MASSA) [ Kg ]	NOISE LEVEL (RUMORE) [Db]	COLOUR (COLORE)	PED CATEGORY (CATEGORIA PED)
140	74	RAL 7035	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) [%]	
15	45	80	
REFRIGERATION CIRCUIT (CIRCUITO FRIGORIFERO)			
COOLING CAPACITY (POTENZA DISSIPATA) [Kw]	REFRIGERANT GROUP (GRUPPO REFRIGERANTE)	REFRIGERANT TYPE (TIPO GAS)	REFRIGERANT CHARGE (CARICA GAS) [ Kg ]
16	2	R410A	1,7
MIN PRESSURE PS (MIN PRESSIONE PS) [bar]	MAX PRESSURE PS (MAX PRESSIONE PS) [bar]	MIN TEMPERATURE TS (MIN TEMPERATURA TS) [°C]	MAX TEMPERATURE TS (MAX TEMPERATURA TS) [°C]
2,4	42	-24	66
HYDRAULIC CIRCUIT (CIRCUITO IDRAULICO)			
COOLING FLUID TYPE (TIPO FLUIDO USATO)	MIN COOLING FLUID SET POINT MIN SET POINT IMPOSTABILE [°C]	MAX COOLING FLUID SET POINT MAX SET POINT IMPOSTABILE [°C]	STD FACTORY SET POINT STD SET POINT DI FABBRICA [°C]
WATER + GLYCOL 20%	13	35	18
TYPE OF PUMP (TIPO DI POMPA)	NOMINAL FLOW RATE (PORTATA NOMINALE) [L/min]	NOMINAL PRESSURE (PRESSIONE NOMINALE) 50 Hz [bar]	NOMINAL PRESSURE (PRESSIONE NOMINALE) 60Hz [bar]
CENTRIFUGAL/CENTRIFUGA	43	3	5,6
ELECTRICAL CIRCUIT (IMPIANTO ELETTRICO)			
POWER SUPPLY (ALIMENTAZIONE) [ V±10% / ph / Hz ±1% ]	CONTROL CIRCUIT (CIRCUITO DI COMANDO)	ELECTRIC HEATER (RESISTENZA) [W]	SCCR [kA]
400/3/50-460/3/60	24V AC	-	5
MAX POWER INPUT [kW] - CURRENT INPUT [A] (ASSORBIMENTI MASSIMI)			
9,50 [kW] (50Hz)		9,50 [kW] (60Hz)	
16,50 [A] (50Hz)		17,00 [A] (60Hz)	
SCHEMES (SCHEMI)		HYDRAULIC DIAGRAM	ELECTRICAL DIAGRAM
		70006-215	70010-380
OPTIONALS INSTALLED (OPZIONI INSTALLATE)			
CONFIGURATION 1			
ACCESSORIES (EXTERNAL TO THE CHILLER, INSTALLATION BY CUSTOMER) ACCESSORI (INSTALLAZIONE ESTERNAMENTE AL CHILLER A CURA DEL CLIENTE)		OPTIONS OPZIONI	
		APF	polypropylene air filter
		BPHE	ext. hydraulic relief valve
		FSE	external flow switch
		LTA-D	antivibration damper
		NFH	non ferrous hydraulic circuit
		TE	Electronic Thermostat
		WT	Water Unit
		WTF	Water filter hydraulic circuit