Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY

PRODUCT TECHNICAL DATASHEET
(SCHEDA TECNICA PRODOTTO)

rev. 2.0
16/10/2024
DATASHEET CODE (CODICE SCHEDA)
42130355012

TYPE OF UNIT	UNIT PART NR (CODICE MACCHINA)
CCE6401 3500 WT UL CUS	**42130355012**

WEIGHT WITHOUT FLUID (MASSA SENZA FLUIDO) [Kg]	NOISE LEVEL (RUMORE) [Db]	COLOUR (COLORE)	PED CATEGORY (CATEGORIA PED)
109	74 (1M-60HZ)	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]
3,5	2	R134A	1,55

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]
0,5	26	-18	73

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]	STD FACTORY SET POINT STD SET POINT DI FABBRICA [°C]
WATER + GLYCOL 20%	13 ... 35	26	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) 60 Hz [bar]
PERIPHERICAL/PERIFERICA	15	2	3,8

ELECTRICAL CIRCUIT (IMPIANTO ELETTRICO)

POWER SUPPLY (ALIMENTAZIONE) [V / ph / Hz]	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)

2,50	[kW] (50Hz)	3,10	[kW] (60Hz)
6,50	[A] (50Hz)	7	[A] (60Hz)

SCHEMES (SCHEMI)	HYDRAULIC DIAGRAM	ELECTRICAL DIAGRAM
	70006-308	70010-593_01-A

INSTALLED FEATURES (OPZIONI INSTALLATE)

CONFIGURATION HS

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)
			BPH		Hydraulic relief valve
		MSB	MSB		Black Main Switch
		EL	EL		Electric Level
		EM			Error message label
		FS	FS		Flow Switch
				LTA-D	antivibration damper
				LTA-E	lifting eyebolt
				NFH	non ferrous hydraulic circuit
		TD	TD		Differential Thermostat
		TE			Electronic Thermostat
		TMN-TMX			Min-max temp. fluid alarm
		UL			UL conformity
			WT		Water Unit