

RIELLO	DOCUMENT:	TECHNICAL SPECIFICATION	NUMERO SPECIFICA	
	TITLE:	FIME PX128/2071	PAGES	5 of 10
WALL HUNG BOILERS DIVISION			REVISION	02

4.4 GENERAL DATA

Motor type	Brushless DC Motor
Nominal ratings	
Nominal voltage and frequency of working	230 V AC 50Hz
N° of speed	Speed variation by PWM input signal
Operation voltage range	194 - 254 V
Power	70 W
Maximum ratings	
Power	90 W
Voltage	254 V
Protection	IP00
Insulation Class	Class F55/EN 60335-1
Input PWM	<ul style="list-style-type: none"> - Open collector - Maximum voltage → 45V - Frequency range → 1kHz to 6kHz - PWM input not connected results in max speed
Hall sensor output	<ul style="list-style-type: none"> - Logic level 1 → min. 11.4V max 12.7V - Logic level 0 → max 0.3V - Maximum source current → 4 mA @ 24V - 2 pulses for revolution - pulse pause ratio → 1:1
Protections	<ul style="list-style-type: none"> - Current limitation at locked rotor to prevent stator windings damages - Soft start: to limit the start-up motor current
Motor driving mode:	phase chopping
N° of poles	4
Rotation speed	5700 rpm in free air
Minimum working temperature around motor	0 °C
Maximum working temperature around motor	70 °C