

TECHNICAL DATASHEET

Three-Phase Asynchronous AC Electric Motor

REF: FIR.CMT071M2006

FRAME: IEC H71

POWER: 1.1 kW

Manufacturer / Model:	FIR — FIR.CMT071M2006
Direct Replacement For:	HYD.M32HY3FL001
Motor Configuration:	MOTEUR 1.1 KW 230/400V 3000T B5 INTEGRALE H71

ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION VALUE
Rated Output Power	1.1 kW (1.5 HP)
Supply Voltage	230 V / 400 V AC (Delta Δ / Star Y)
Frequency	50 Hz
Nominal Speed	3000 RPM (2-Pole configuration)
Phase Count	3-Phase (Asynchronous)

MECHANICAL & MOUNTING SPECIFICATIONS

PARAMETER	SPECIFICATION VALUE
Frame Size	IEC H71
Flange Mounting Type	B5 Flange (Large clearance hole mounting)
Execution Type	Intégrale (Compact integrated pump setup)
Shaft Diameter	14 mm (Standard IEC 71)
Flange Outer Diameter	160 mm
Pitch Circle Diameter (PCD)	130 mm
Spigot Diameter	110 mm

ENVIRONMENTAL & OPERATING CONDITIONS

PARAMETER	SPECIFICATION VALUE
Ingress Protection	IP55 (Dust-protected and water-jet resistant)
Insulation Class	Class F (Thermal limit up to 155°C)
Duty Cycle	S1 (Continuous duty)
Cooling Method	IC411 (TEFC - Totally Enclosed Fan Cooled) / Integrated oil-flow cooling

Note: This technical document summarizes standard manufacturer specifications for the FIR.CMT071M2006 electric motor unit replacing part HYD.M32HY3FL001. All mechanical dimensions conform to IEC standard 71 B5 specifications.