MARATHON MOTORS

Marathon Motors U517A Fire Pump Motor

Premium-efficiency 100 HP open dripproof (ODP) 3-phase motor engineered specifically for driving fire pumps. Built with a rugged cast iron frame, high breakdown torque, and class F insulation to ensure reliable performance under critical emergency fire suppression conditions.



UL Recognized | CSA Certified | NEMA MG-1 | Meets NFPA 20 Standard

KEY SPECIFICATIONS

Rating	100 HP (75 kW)
Full load speed	1780 RPM
Voltage	230/460V AC, 3-Phase, 60 Hz (12 Leads)
Full load current	236A @ 230V / 118A @ 460V
Service factor	1.15
Efficiency	95.4% (NEMA Premium)
Enclosure	Open Dripproof (ODP)
Frame	405T Cast Iron Frame
Insulation	Class F
Mounting	Rigid Base (Foot Mount)
Bearings	Heavy-Duty Ball Bearings (Drive End / Non-Drive End)

FEATURES

- Designed specifically for fire pump applications
- Premium-efficiency NEMA Premium motor
- Rugged cast iron frame construction
- High breakdown torque for reliable starting
- Class F insulation for enhanced thermal performance
- Open dripproof (ODP) enclosure
- Heavy-duty ball bearings (drive end and non-drive end)
- Complies with NFPA 20 and NEMA MG-1 standards

APPLICATIONS

- Fire pump systems
- Commercial and industrial buildings
- Water supply and pressurisation systems
- Marine and offshore installations
- Petrochemical and process plants
- Municipal and utility water systems
- Any application requiring reliable motor performance for fire protection systems

PRODUCT INFORMATION

Model	Horsepower	Voltage / Frequency	Enclosure	Frame	Certification / Standards
U517A	100 HP (75 kW)	230/460V AC 3-Phase, 60 Hz	Open Dripproof (ODP)	405T Cast Iron	UL Recognized, CSA Certified Meets NFPA 20 & NEMA MG-1

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