NIDEC / US MOTORS

US Motors U2P2D 2 HP Fire Pump Motor

Premium-efficiency 2 HP open dripproof (ODP) 3-phase electric motor designed specifically for dedicated fire pump service. Features a rugged cast iron frame, Class F insulation system, 1.15 service factor, and compliance with NFPA 20 requirements to ensure high starting reliability in emergency fire protection systems.



UL Recognized | FM Approved | CSA Certified

Meets NFPA 20 & NEMA MG-1 Standards

KEY SPECIFICATIONS

Rating	2 HP (1.5 kW)
Full load speed	3500 RPM
Voltage	230/460V AC, 3-Phase, 60 Hz (9 Leads)
Full load current	5.2A @ 230V / 2.6A @ 460V
Service factor	1.15
Efficiency	85.5% (NEMA Premium)
Enclosure	Open Dripproof (ODP)
Frame	145T Cast Iron Frame
Insulation	Class F
Mounting	Rigid Base (Foot Mount)
Bearings	Double-Shielded Heavy-Duty Ball Bearings

FEATURES

- Designed specifically for fire pump service
- Premium-efficiency NEMA Premium motor
- Rugged cast iron frame construction
- High starting torque for reliable performance
- Class F insulation system
- Open dripproof (ODP) enclosure
- Double-shielded heavy-duty ball bearings
- Complies with NFPA 20 and NEMA MG-1 standards
- 1.15 service factor for demanding applications

APPLICATIONS

- Fire pump systems
- Commercial and industrial buildings
- Water supply and pressurisation systems
- HVAC 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
U2P2D	2 HP (1.5 kW)	230/460V AC 3-Phase, 60 Hz (9 Leads)	Open Dripproof (ODP)	145T Cast Iron	UL Recognized, FM Approved, CSA Certified Meets NFPA 20 & NEMA MG-1

Maximum Builders
21-B M.L. Quezon, Brgy. Bambang
Taguig City, Philippines
Email: maximumbuilders.ph@gmail.com

0917 506 0226 (Viber)
0917 132 9200 (Viber)
0917 165 5780 (Viber)