

NS Series - End Suction Pump



Pump Materials

Pump Casing	: Cast Iron
Impeller	: Cast Iron/Bronze/AISI316SS
Shaft	: AISI420 / AISI316
Sealing	: Mechanical / Soft Packing

Technical

Temperature	: -10 / 40°C
Power Supply	: 380V 50Hz / 440V 60Hz
Op. Pressure	: 4 - 16 Bar
Max Flow	: 500 m ³ /h
Max Head	: 98 m
Motor Speed	: 1450 / 2950 rpm

The NS series end suction fire pump is a single-stage, horizontal centrifugal pump specifically designed and manufactured in accordance with NFPA 20 standards, EN 12845 standards and local standards. Engineered to provide dependable fire protection, this compact yet powerful pump is available in a wide range of capacities and heads, with multiple material options to suit different site conditions. Its robust construction, efficient hydraulic design, and reliable performance make it a trusted choice for safeguarding commercial, industrial, and municipal facilities against fire hazards.

Key Design Features

- Standarts:** Certified to meet international fire protection standards, ensuring safety and reliability.
- Single-Stage, Horizontal Design:** Simplifies installation, operation, and maintenance while minimizing footprint.
- Overhung Impeller Arrangement:** Precision-engineered bearing support system enhances stability and extends service life.
- Wide Hydraulic Coverage:** Offers broad capacity and head ranges to meet diverse firefighting system requirements.
- Material Flexibility:** Available in various construction materials for compatibility with different fluids and environments.
- Reliable Performance:** Designed for continuous, efficient operation under emergency conditions with minimal downtime.
- Versatile Fire Protection Use:** Suitable for sprinkler systems, hydrants, standpipes, and fixed fire suppression systems across multiple industries.

