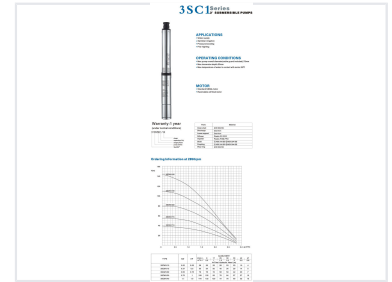


# 3-Inch Submersible Water Pump for Irrigation and Water Supply

This 3-inch submersible pump is designed for water supply, sprinkler irrigation, pressure boosting, and fire-fighting applications. It features a standard NEMA motor and rewindable oil-filled motor for reliable operation.



## Overview

### High-Efficiency 3-Inch Submersible Solution

The 3SC series features professional-grade 3-inch submersible pumps engineered for reliable water supply and irrigation. Built with a standard NEMA rewindable oil-filled motor, these pumps are designed for longevity and easy maintenance in demanding B2B applications. They are ideal for pressure boosting, sprinkler systems, and fire-fighting installations where space and performance are critical.

## Performance Highlights

### Key Performance Metrics

**144 m**

Max Total Head

**2.8 m³/h**

Max Flow Rate

**1.1 kW**

Max Power Output

## Applications

### Primary Applications

Water Supply, Sprinkler Irrigation, Pressure Boosting, Fire-Fighting

## Technical Specifications

### Operating Conditions

- Maximum pump diameter: 75mm (including cable guard)
- Maximum immersion depth: 30m
- Maximum water temperature: 35°C
- Motor speed: 2850 rpm

### Motor Configuration

Standard NEMA • Rewindable • Oil-Filled

## Material Construction

### Build Materials

Component	Material
Outer Shell	AISI 304 Stainless Steel
Discharge & Support	Cast Iron
Diffuser	Plastic PC PPO
Impeller	Plastic POM PPO
Shaft & Coupling	AISI 316 / 304 Stainless Steel
Wear Ring	AISI 304 Stainless Steel

## Model Comparison

### Performance by Model

Model	Power (kW)	Power (HP)	Max Head (m)
3SCM1/10	0.25	0.33	38
3SCM1/15	0.37	0.5	55
3SCM1/22	0.55	0.75	79
3SCM1/30	0.75	1	108
3SCM1/40	1.1	1.5	144

## Warranty & Support

Warranty	1 Year (under normal operating conditions)
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