STANDARD MACHINERY

PRODUCT DATASHEET

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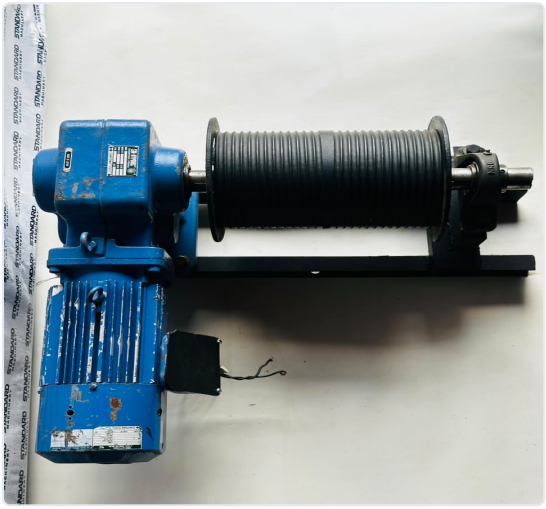
# Sumitomo SM-Hyponic Wire Rope Winch – 3 HP Brake Motor, 17.5 RPM, Made in Japan (Refurbished)

**SUMITOMO**

SKU
**SM-WINCH-SUMITOMO-3HP**

CATEGORY
**Winch, Hoist & Chain Block**



● In Stock

PRICE (USD)

**$495.00** ~~$650.00~~

* Prices are exclusive of GST and subject to change without notice.

Chat on WhatsApp

Use WhatsApp for pricing and availability with the product details pre-filled.

- ✓ Sumitomo SM-Hyponic wire rope winch, Made in Japan
- ✓ Sumitomo SM-Cyclo 3 HP brake motor with built-in brake
- ✓ SM-Hyponic gearbox, Model RNHMS3-60RY-B-100, ratio 100
- ✓ Slow 17.5 RPM drum speed for strong, controlled pulling
- ✓ Brake holds the load safely when stopped
- ✓ Wire rope drum supplied with rope
- ✓ Welded steel base frame — ready to bolt down
- ✓ Motor rated 230 V 3-phase (step-down or rewind needed for India)
- ✓ Fully refurbished and tested by Standard Machinery

## Technical Specifications

| | |
|---|---|
| **Manufacturer** | Sumitomo |
| **SKU** | SM-WINCH-SUMITOMO-3HP |
| **Equipment Type** | Sumitomo SM-Hyponic Wire Rope Winch |
| **Origin** | Made in Japan |
| **Mounting** | Welded steel base frame |
| **Condition** | Imported, Refurbished & Tested |

| | |
|---|---|
| **Make** | Sumitomo SM-Cyclo |
| **Rated Power** | 3 Hp |
| **Type** | 3-Phase Induction with Brake |
| **Brake** | Built-in |
| **Voltage** | 230 / 440 V |
| **Frequency** | 50 / 60 Hz |
| **Current** | 8.4 / 4.5 A |
| **Speed** | 1440 / 1730 RPM |
| **Insulation Class** | F |
| **Make** | Sumitomo SM-Hyponic |
| **Model** | RNHMS3-60RY-B-100 |
| **Ratio** | 100 |
| **Output Speed** | 17.5 RPM |

## Product Description

This is an imported, fully refurbished **Sumitomo SM-Hyponic wire rope winch** — a premium **Made-in-Japan 3 HP brake motor** (Sumitomo SM-Cyclo) paired with a Sumitomo SM-Hyponic gearbox (ratio 100) driving a wire rope drum at **17.5 RPM**. Mounted on a steel base frame with the drum wound with wire rope, it is ready for controlled pulling and hoisting duty. Supplied by Standard Machinery, Bhavnagar, for buyers across India and export markets.

## Overview

**Sumitomo** is a globally trusted name in industrial gearmotors, known for reliability and long life. This winch uses a Sumitomo SM-Cyclo brake motor and an SM-Hyponic right-angle gearbox with a **100:1 reduction**, giving a slow **17.5 RPM** drum speed with strong pulling torque. The **built-in brake** holds the load safely the moment the motor stops — ideal for controlled lifting and lowering.

## Motor & Gearbox

- **Motor:** Sumitomo SM-Cyclo, 3-phase, 3 HP, with built-in brake, Made in Japan
- **Gearbox:** Sumitomo SM-Hyponic, Model RNHMS3-60RY-B-100, ratio 100
- **Output drum speed:** 17.5 RPM
- **Insulation class:** F
- **Drum:** wire rope drum, supplied with rope

## ⚡ Important — Voltage / Power Supply

The motor nameplate is rated **230 V, 3-phase, 60 Hz** (Japanese specification) — not the Indian 415 V supply. To use it in India:

- Run it through a **step-down transformer (415 V → 230 V)**, or
- Have the motor **rewound for 415 V**.

Please confirm with us whether this unit is supplied as-is (230 V) or rewound for 415 V before ordering.

## Applications

- Controlled pulling and dragging

- Hoisting and lowering (with suitable rigging)
- Workshop, yard and fabrication handling
- Construction, marine and salvage winching
- Slow, precise load positioning

## Industries Served

Fabrication and workshops, construction and infrastructure, shipyards and marine, heavy engineering, and material-handling operations.

## Why Buy This Winch

- Premium Sumitomo SM-Cyclo motor and SM-Hyponic gearbox — reliable and durable
- Built-in brake for safe load holding and controlled lowering
- Slow 17.5 RPM drum speed for strong pulling and fine control
- Base-mounted and supplied with wire rope — ready to install
- Fully refurbished and tested; strong value versus new

## Important — Safety & Verification

- For any lifting or man-riding use, have the line pull / safe working load, brake and wire rope inspected and certified by a competent person before use.
- Match the wire rope, sheaves and controls to your load and application.
- Confirm the voltage arrangement (transformer or rewind) before installation.

## Frequently Asked Questions

### What is this winch used for?

Controlled pulling, dragging, hoisting and precise positioning of loads in workshops, yards, construction and marine work.

### Who makes it?

Sumitomo — a premium Japanese gearmotor brand. This unit uses a Sumitomo SM-Cyclo brake motor and an SM-Hyponic gearbox.

### What power supply does it need?

The motor is rated 230 V, 3-phase, 60 Hz. For Indian supply, a step-down transformer or rewinding to 415 V is required.

### Does it have a brake?

Yes. The motor has a built-in brake that holds the load safely when stopped.

### What is the drum speed?

17.5 RPM, from a 100:1 gear reduction — slow and strong for controlled pulling.

### Do you supply across India and for export?

Yes. Standard Machinery supplies pan-India and to export markets including Africa, the Middle East and Southeast Asia.

**Interested in this winch?** Contact Standard Machinery for price, voltage options and rope details.

## Compatibility

- **Power supply (as-built):** 230 V, 3-phase, 60 Hz — not Indian 415 V.
- **For Indian supply:** step-down transformer (415 V → 230 V) or motor rewinding to 415 V required.
- **Full load current:** 8.4 A at 230 V — size cable and protection accordingly.
- **Starter:** DOL / star-delta / soft starter sized for 3 HP with brake control.
- **Protection:** overload plus phase-failure protection.
- **Rigging:** match wire rope, sheaves and anchoring to your load; verify line pull / SWL before lifting use.
- **Mounting:** bolt the steel base to a rigid, level foundation able to take the pulling reaction.

**Standard Machinery**

NEAR IMAMWADA OPP SIDI TAKIYA, NATHWALI SHERI, Bhavnagar, Gujarat, 364001, India

Phone: 8866669293

Email: info@standardmachinery.store

GSTIN: 24AIVPB7954RIZA

PAN: AIVPB754R

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