

# MSV-200: A Multi-Industry Powerhouse Explained

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### When Four Letters Meet Industrial Versatility

You know what's fascinating about industrial nomenclature? A simple code like MSV-200 can represent entirely different technologies across sectors. It's like meeting three people named "John Smith" at a conference - same name, different expertise. Let's decode this alphanumeric chameleon across its primary applications.

### Energy Storage Champion: CSB's Battery Solution

In the power solutions arena, CSB's MSV-200 stands as a 2V/200AH valve-regulated lead-acid battery that's redefining reliability. Recent field data shows 18% longer cycle life compared to industry averages, particularly in telecom backup systems. Three key strengths make it stand out:

**Safety First:** Withstands 4mm/16.7Hz vibration for 1+ hours without leakage - crucial for marine applications

**Deep Cycle Warrior:** Maintains 75% capacity after 3-week discharge tests, outperforming standard VRLA batteries

**Thermal Guardian:** 95% capacity retention post 48-hour overcharge tests at 25°C

### Industrial Vacuum's Silent Partner

Switch gears to manufacturing, and MITSUVAC's MSV-200 emerges as the carbon vane workhorse in vacuum pumps. These graphite components achieve 0.08Pa ultimate vacuum pressure in pharmaceutical packaging lines. A bakery client reported 30% longer vane life compared to generic replacements when maintaining their dough mixing vacuum systems.

### Specialty Chemicals' Catalyst

PVC formulators recognize MSV-200 as a decomposition-triggered foaming agent achieving 220ml/g gas yield. Its 160°C activation temperature makes it ideal for:

Low-temperature EVA midsole foaming

PVC window profile extrusion

TPE grip surface texturing

### Fluid Control Guardian

In pipeline safety systems, Giuliani's MSV200/6B emergency shut-off valve activates within 2 seconds upon detecting abnormal flow rates. Certified for LNG and hydrogen applications, its NBR-sealed design prevents 98.7% of potential gas leaks in transfer operations.

### Choosing Your MSV-200 Variant

## **MSV-200: A Multi-Industry Powerhouse Explained**

Before specifying this multipurpose code, answer three questions:

Application environment (stationary vs. vibrational)

Operational stress factors (thermal/chemical/mechanical)

Industry compliance requirements (UL/TUV/CE)

Pro tip: Always verify OEM certifications - a battery MSV-200 shouldn't accidentally end up in your vacuum pump maintenance kit. Cross-industry part number collisions create more operational headaches than you'd imagine!

Web: <https://www.sphoryzont.edu.pl>