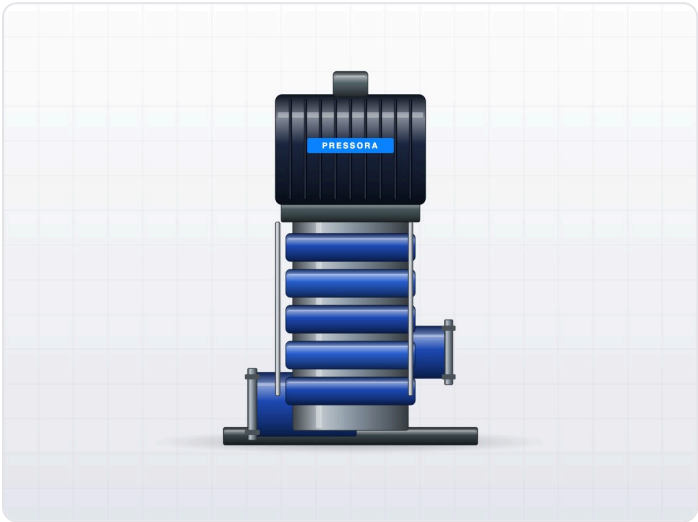


ILLUSTRATIVE DEMONSTRATION DATASHEET — fictional product and data; not for engineering or purchasing use.

MS-V Multistage Vertical Pump

Model MS-V

Vertical multistage pump for constant-pressure boosting.



FLOW RATE

Up to 90 m³/h

HEAD

Up to 240 m

FLUID TEMPERATURE

-15 to 120 °C

MAX. WORKING
PRESSURE

25 bar

OVERVIEW

The MS-V stacks up to twelve stages on a single shaft inside a compact vertical footprint, delivering high head from a small base area. Inlet and outlet connections sit on the same level for easy piping.

It is intended for pressure boosting, washing systems and light process supply.

KEY FEATURES

- In-line suction and discharge
- Stainless steel stage chambers
- Cartridge-type mechanical seal
- Compatible with frequency converters

TECHNICAL SPECIFICATIONS

HYDRAULICS	Flow range (50 Hz)	2 – 90 m ³ /h
HYDRAULICS	Head range (50 Hz)	20 – 240 m
HYDRAULICS	Number of stages	2 – 12
CONNECTIONS	In-line ports	DN 32 – DN 100, PN25
DRIVE	Motor power	0.75 – 45 kW
OPERATING LIMITS	Max. working pressure	25 bar
OPERATING LIMITS	Fluid temperature	-15 to 120 °C
MASS	Complete unit	46 – 380 kg

MATERIALS OF CONSTRUCTION

STAGES	Stainless steel 304
SHAFT	Stainless steel 431
BASE	Cast iron
SEAL	Cartridge mechanical, SiC / SiC

STANDARDS AND OPERATING CONDITIONS

Design reference: ISO 9906 test grades (illustrative)
Clean, thin, non-explosive liquids without solids or fibres.