

TYPE : JMLV

Pumped Liquids

Thin, clean , non-aggressive and non-explosive liquids without solid particles or fibers .

Pump

The JMLV is a non self- priming, vertical, centrifugal pump with mechanical shaft seal and extended pump/motor shaft is designed to occupy min. floor space, as vertically mounted on base is easy and inexpensive. Std. Model is available with impellers and diffusers are made of stainless steel, sealed silicon carbide v/s silicon carbide type mechanical seal. Optional models available with all wetted parts in AISI 304, AISI 316 and PU Coating for corrosion resistance.

Motor

JMLV series pumps are closed coupled with standard flange mounted fan cooled squirrel cage motor.

Normal speed :2900 rpm.

Enclosure Class :IP 54.

Insulation Class :H.

Standard Voltages : 1 x 220-240V
3 x 220-24/380 -415V.

Single-phase motors have a built-in thermal overload protection.

Three-phase motors must be connected to a motor starter according to local regulations.

Application

Where ever high head i.e. high pressure boosting is required for clean clear fluid like booster pressure system, water circulation / transfer, water treatment plant.

Pressure Boosting System:

Standard pressure boosting sys. features a simple, conventional pressure controlled on / off control sys. having installation- friendly compact, mounted on common frame, including all necessary accessories and internal piping.

Only the required number of pumps are in operation at any time gives cascade control to help saving energy.

Multipumps operation with dry running protection gives un-interrupted supply .

The pressure boosting system can be also enhanced with VFD to control the requirement of sites by speed variation and adopting PID adjustment Algorithm.

