



**VERTICAL MARINE PUMPS
SELF-PRIMING & NON SELF-PRIMING
MODEL FCV & FCV-SP**



Vertical Centrifugal pumps with directly mounted motor on heavy bracket, saving space and for easy maintenance.

TECHNICAL DATA

Size	: up to 200 mm suction
Capacity	: up to 400 m³/hr (6600 LPM)
Heads	: up to 60 mts.
Material	: C.I. / Bronze & steel alloys

VERTICAL MARINE PUMPS

Applications:

FCV & FCV-SP pumps are vertical pumps used as cooling pumps, firefighting pumps and general duty pumps on ships.

Casing:

One piece volute casing with bottom suction and horizontal discharge/inline suction and discharge nozzle. The impeller can be dismantled without disconnecting the pipeline in case of FCV pumps and in case of FCV-SP pumps the impeller can be dismantled without disconnecting the pipeline or removing the driver.

Impeller:

Single entry radial impeller with balance holes for axial thrust compensation.

Self Priming Stage:

FCV-SP pumps are self priming. A water ring or side channel self priming stage is incorporated above the impeller, according to the number of revolutions. Renewable shaft protecting sleeve in the region of the throttling bush.

Bearing & Lubrication:

Two grease lubricated anti-friction bearings are located in a common housing within the drive stool of FCV-SP pumps.

Drive:

By flanged-on electric motor through a flexible coupling.

Note:

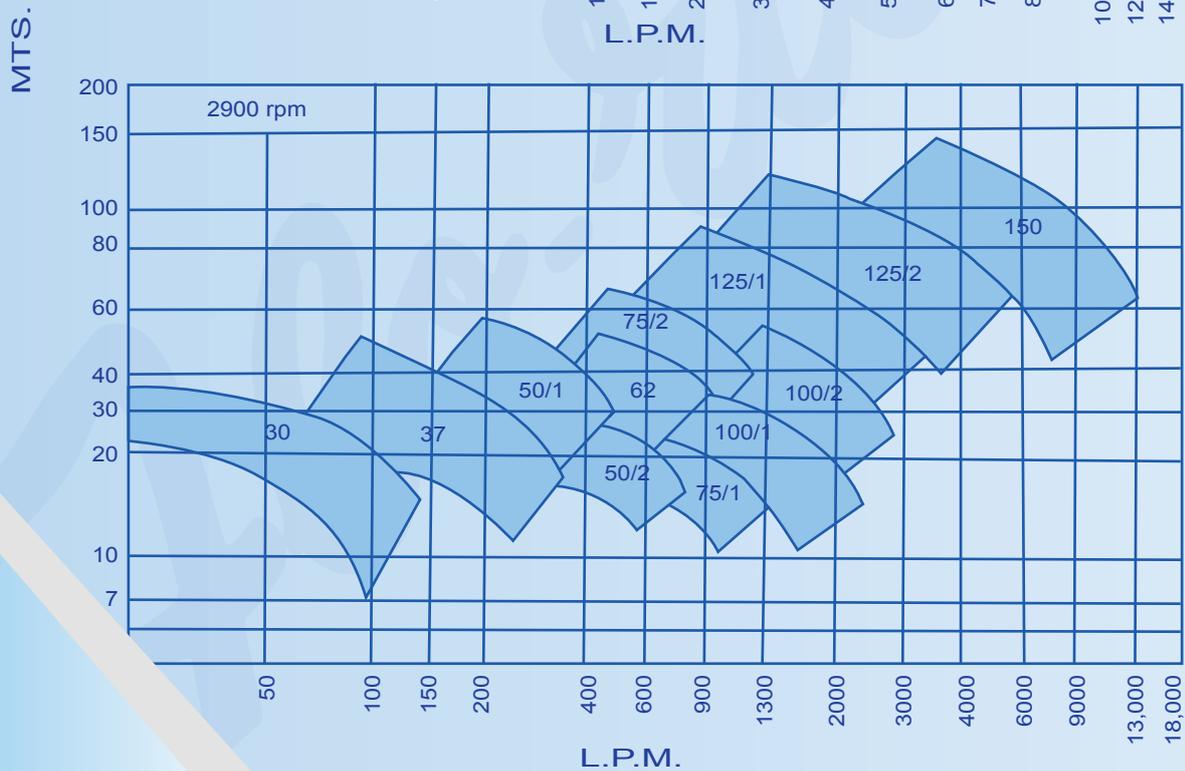
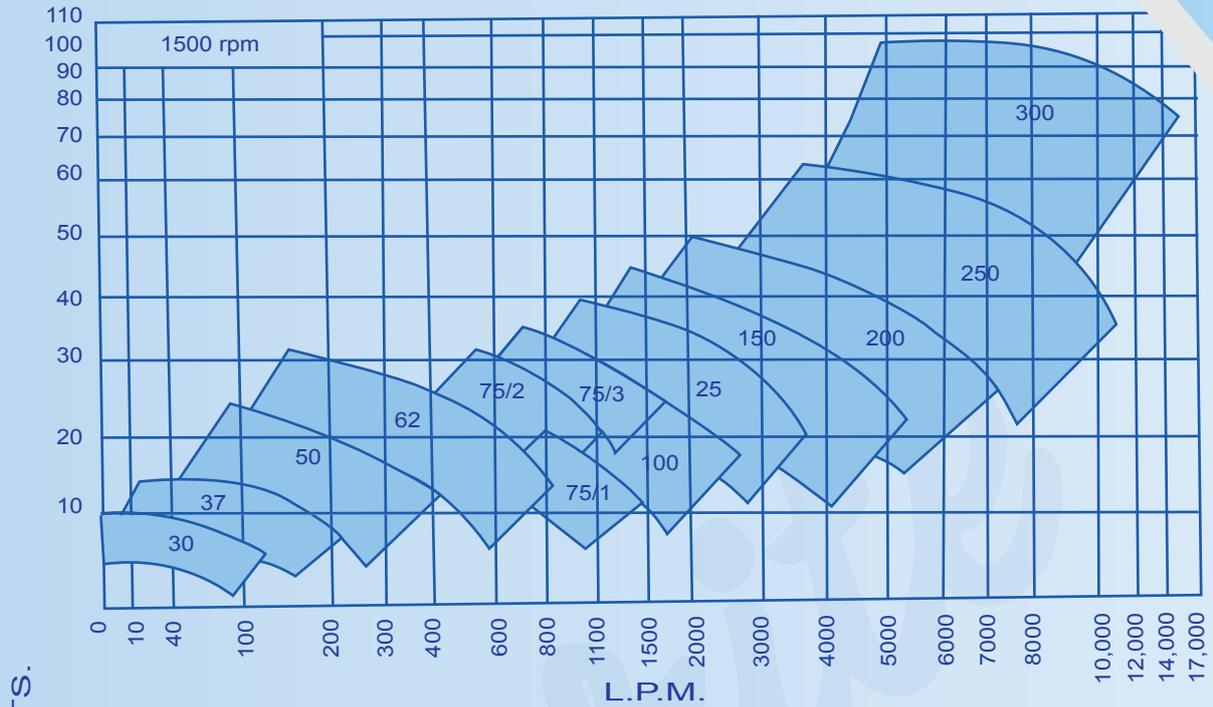
FCV pumps can also be supplied with side suction and side discharge and with drive stool or stand located on top as for FCV-SP type pumps.

Available with :

Mechanical Seals
Semi-open impellers
Interchangeability of components
Self Priming attachment for Marine Duty applications
Flanges as per API 610 (on request)

- Ballast
- Firefighting
- Booster Service
- General Service
- Chemicals
- Chemical Transfer
- Process Industries
- Marine
- Sea Water Application
- Petroleum
- Air Conditioning
- Defence

PERFORMANCE CURVES:



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