

Pioneering the Technology

JK Pumps,
don't just stand up to corrosive chemicals
they stand the test of time



One For All



JK CHEMICAL PUMPS

JK CENTRIFUGAL PROCESS PUMP

Capacity upto 70m³/Hr.

Head up to 70 Mtrs.

Available Model is 1 H.P. to 30 H.P.

Minimum Temp :-30°C

Maximum Temp : 300°C

Operating Speed :

1450 RPM & 2900 RPM

The Pump are in horizontal single stage, single volute with back pull out design.

Open Impeller, Closed Impeller, Semi-Open Impeller with dynamic balanced can be offered.

Impeller are locked with Impeller Nut and Key.

Jacketed stuffing Box and Bearing Housing are our standard features.

Axial thrust is balanced by balancing holes.

Any Standard single Mechanical seal can be offered.

Material Of Construction :

Casing & Impeller : Graded Grey CI, Cast Steel, S.S. 304, S.S. 316, Bronze, Alloy 20.

Shaft : St. Steel & EN 8

Application :

Organic and Inorganic Liquids.

Drugs and Pharmaceuticals

Refineries, Fertilizer Plant, Petrochemical and Chemical Process Industries

Dyes and Intermediates



Total Head up to 32 Mtrs.

Operating Speed : 2900 RPM

Minimum Temp : -10°C

Maximum Temp : 120°C

JKV pumps are single stage, single suction.

Close Impeller, Semi-Open Impeller with dynamic balance can be offered.

The Shaft is supported from its upper end by a grease lubricated ball bearing.

Teflon Bush & M.S. Coating Bush applies for minimum jammed.

A Lubrication System is also Provided.

Any Standard single Mechanical seal can be offered.

Material Of Construction :

Casing & Impeller : Graded Grey CI, Cast Steel, S.S. 304, S.S. 316, Alloy 20.

Shaft : St. Steel & M.S. Bright Bar.

Application :

Transferring Media like Corrosive acids, Alkalies, Solvent, Oil, Sulphuric acid, Oleum, Sludges, Slurries, Ammonia, Caustic lye, Toluene, Nitric acid, Molasses, Nitro-Benzene, Methaline, Xylene.

Industries like chemical, Petrochemical, Refinery and Fertilizer.



JK VERTICAL SUBMERGED PUMP

Capacity upto 20m³/Hr.

JK WATER RING VACUUM PUMP

Operating Speed :

1440 RPM & 2900 RPM

Capacity 51 M3/Hr to 425M3/Hr

Available model is 3 H.P. To 20 H.P.

Maximum vacuum : 710mm of Hg.

Minimum CFM : 30

Maximum CFM : 250

This Pump also known as liquid vacuum pump, as water widely used to sealed liquid.

Pump is made from specially selected material to handle dry, gaseous, moist air and corrosive media.

The shaft assembles eccentrically, rotate on both end on ball bearing resulting smooth & vibration Operation.

The major components are casing, Impeller and controlling plates. The material of these components are chosen depending on application.

The Impeller can offered with dynamic balanced for the maximum efficiency.

Watering vacuum pump can be offered with ball and without ball.

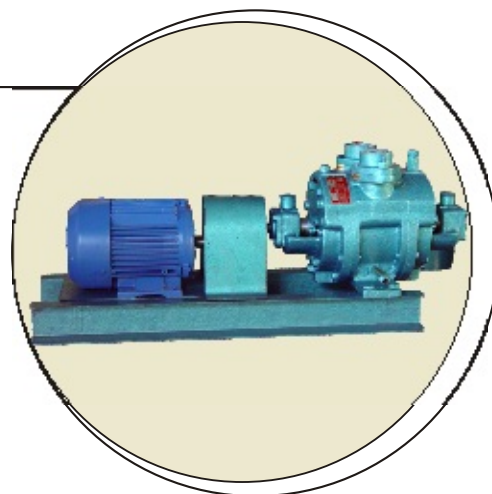
Material Of Construction :

Casing & Controlling Plate : Graded Grey CI, Cast Steel, S.S. 304, S.S. 316, Bronze, Alloy 20.

Shaft : St. Steel & EN 8

Application :

For distillation process, vacuum drying, water extraction from paper and cloth evaporation, Crystallization etc.



Model	JK-36	JK-48
Basket Height	18"	18"
Motor HP	10	15
Basket RPM	1000	800
Capacity of Production	130 kg-175 kg	240 kg-300 kg
Basket Diameter	36"	48"
Centrifugal Force 'G'	510	410

Material of Construction :

Centrifuge is constructed from M.S. Rubber lined, S.S 304 & S.S. 316.

Application :

Most Ideally Designed for sturdy continuous productions for Chemical, Dyes, Dyestuffs, Dyes Intermediate Pharmaceuticals, Textile Industries, Sugar Industries etc.



JK CENTRIFUGES/HYDRO-EXTRACTORS



JK CHEMICAL PUMPS

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