

## MODELS WE OFFER FOR CENTRIFUGAL PUMPS

Sl. No.	Pump Model		Range		Temperature Range	Application	No. of sizes Avail.
			Capacity In M <sup>3</sup> /Hr.	Head in Meters.			
1.	SMK	Horizontal single/double stage overhung impeller with water cooled bearing housings with top oriented discharge and vertical or / end oriented suction. Provision for Inducer.	Upto 1500 M <sup>3</sup> /Hr.	Upto 350 Mtrs.	-190°C To +450°C	Petrochemicals, refineries, thermal and nuclear power stations and for handling high temp. petro products and cryogenic liquid. Very low NPSH application Max. Suction Pressure : 38 kg/cm <sup>2</sup>	47
2.	KSMK	Horizontal single/double stage, shaft supported at both ends in bearings with water cooled housing, suction and discharge nozzles top oriented.	Upto 1500 M <sup>3</sup> /Hr.	Upto 350 Mtrs.	-190°C To +450°C	As above but maximum suction pressure 52 Kg./cm <sup>2</sup>	14
3.	LH/BLH	Horizontal single stage, Axial split close to centre / centre line firm support to shaft at both ends, double eyed impeller with axial entry and radial discharge.	300 M <sup>3</sup> /Hr To 15,000 M <sup>3</sup> /Hr.	20 Mtrs. To 140 Mtrs.	-20°C To +150°C	Cooling water circulation, irrigation water supply, crude oil, Boiler Feed Water, Booster service etc.	35
4.	DVDS	Horizontal split casing single / double stage supported on bearings at either end with double suction impeller.	500 M <sup>3</sup> /Hr. To 6000 M <sup>3</sup> /Hr.	150 Mtrs. To 400 Mtrs.	-20°C To +150°C	Long distance transportation of liquid or petroleum products through pipelines.	7
5.	DV MX	Horizontal, Axially split double volute multi-stage with centre line support and opposed impellers arrangement.	40 M <sup>3</sup> /Hr. To 1000 M <sup>3</sup> /Hr.	150 Mtrs. To 1400 Mtrs.	-120 °C To +205°C	For high pressure and medium capacity duties in process industries, fertilizers, refineries, power plants, pipeline services, reinjection in oil fields, jet blasting in steel plants and boiler feed services in thermal and nuclear plants.	10
6.	LC	Horizontal single stage foot mounted back pullout with broad passage vane type or channel type (non dogging) impeller.	Upto 2400M <sup>3</sup> /Hr.	Upto 65 Mtrs.	Upto 140°C	Low pressure and high discharge application for handling abrasive, corrosive viscous and clogging liquids in chemical, paper and sugar industries and for slurry applications.	7
7.	VB/V	Vertical submerged type multi-stage with / without barrel bottom suction pumps.	15 M <sup>3</sup> /Hr. To 6400 M <sup>3</sup> /Hr.	Upto 870 Mtrs.	-200°C To +220°C	Suitable for booster pumps for main pipeline, condensate and cooling water pumps. V-Wet pit installation & VB-Low NPSH application.	22
8.	VMB/VM	Vertical, barrel type, multi stage pump with / without Barrel Pumps.	5 M <sup>3</sup> /Hr. To 100 M <sup>3</sup> /Hr.	20 Mtrs. To 500 Mtrs.	-200°C To +220°C	Suitable for handling low density petroleum products and liquefied gases. Also due to flat Q-H characteristics suitable for variable flow requirements.	9
9.	VN	Vertical, Single stage, volute type with zero leakage sealing provision.	100 M <sup>3</sup> /Hr. To 600 M <sup>3</sup> /Hr.	40 Mtrs. To 100 Mtrs.	Upto 100°C	Nuclear power plant moderator service and other critical services those in Seismic Zones.	5