

MULTIPLEX PROCESS DIAPHRAGM PUMPS

THESE PUMPS, WITH HYDRAULICALLY ACTUATED SANDWICH DIAPHRAGM, HAVE BEEN SPECIFICALLY DEVELOPED BY US TO HANDLE DIFFICULT LIQUIDS AT HIGH PRESSURES IN CHEMICAL PROCESS PLANTS.

THE CONSTRUCTION OF THE MULTIPLEX SERIES PUMP COMPRISES OF THE PROVEN DESIGN OF OUR TRIPLEX PUMP DRIVES AND HYDRAULICALLY ACTUATED SANDWICH DIAPHRAGM LIQUID ENDS, FOR PUMPING CRITICAL FLUIDS, SLURRIES ETC.

THESE PUMPS ARE PRIMARILY USED FOR TRANSFER APPLICATIONS. THEY CAN ALSO BE USED FOR METERING APPLICATIONS WHEN COUPLED TO VARIABLE SPEED DRIVES.

CAPACITY RANGE:

440 LTR/HR. TO 12000 LTR/HR.

PRESSURE RANGE:

200 KG/cm²g TO 50KG/cm²g

ADVANTAGES:

1. LEAK-FREE HIGH PRESSURE PUMPS - NO GLANDS - NO PRODUCT LEAKAGE.
2. ENVIRONMENTALLY SAFE DOUBLE DIAPHRAGMS WITH PROVISION FOR RUPTURE INDICATION.
3. IDEAL FOR HANDLING HIGH SUCTION PRESSURE.
4. LOW PULSATION AMPLITUDE.
5. ENERGY EFFICIENT - LOW POWER REQUIREMENT.
6. COMPACT AND STURDY.
7. BUILT-IN SAFETY VALVE FOR PUMP SAFETY AND RELIABILITY.

APPLICATIONS

CORROSIVE, ABRASIVE OR TOXIC LIQUIDS, SUSPENSIONS, DISPERSIONS, SOLVENTS, LIQUID GASES, ALL KINDS OF HAZARDOUS LIQUIDS, SANITARY APPLICATIONS

EXAMPLES

METHANOL, BIOCIDES VC MONOMER, Co₂, PROPANE, BUTANE, N-PENTANE, SULPHURIC ACID, RADIOACTIVE LIQUIDS, AMMONIA

INDUSTRIES

CHEMICAL PROCESS INDUSTRY,
OIL & NATURAL GAS, FOOD,
DAIRY, ETC.

Manufactured by:

V. K. PUMP INDUSTRIES PVT. LTD.

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