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FLAME PROOF PUMPS

This pumps are made with flame proof / explosion proof motor these pumps are self priming type, centrifugal type, vertical sump pump type, mud pump type, gear type, multistage pump type, or any other type pump can be made as per requirement of customer. These pumps are widely used to handle, petrol, kerosene, diesel, oil and solvents handling motors, can be available with CMR, (DGMS certificate on request material or pumps & sealing arrangement can be made as per customer requirements or as per material to be handled . We assure prompt delivery & presales and after sales service

RANGE:-

CAPACITY UP TO – 250m³/ hr
HEAD - 200 MTRS
RPM - up to 3600

EXPLOSION PROOF MOTOR:-

Explosion Proof Pumps prevent internal or external explosions by enclosing parts that could ignite either the transfer media or the surrounding atmosphere. Some explosion-proof pumps are designed to move abrasive materials, acids, adhesives, chemicals, concrete and grout, coolants, hazardous materials, liquid metal, or lubricants. Other devices are rated for combustible, corrosive, high viscosity, or high temperature media. Explosion-proof pumps are also used to move gasoline, diesel fuel, and oil; ground water, potable water, salt water, and **wastewater**; sewage, sludge, slurry and ash slurry; gas and air; powders, solids, and rendering wastes; and a variety of liquids and liquids with solids.



Many types of explosion-proof pumps are available. Bladder pumps are low-flow pneumatic devices used in sampling applications. Canned motor pumps feature an enclosed electric motor and an inner rotor that is directly connected to the pump impeller. **Centrifugal pumps** apply centrifugal force to generate velocity, use rotating impellers to increase velocity, and push fluids through an outlet valve. Diaphragm pumps include suction and discharge check valves to prevent backflow. **Piston** and plunger pumps use a plunger or piston to move media through a cylindrical chamber.

Manually powered pumps rely upon hand or foot power. Explosion-proof pumps are used in a variety of commercial, industrial, municipal, and maritime applications. Examples include agriculture and horticulture, dairy farms, breweries and distilleries, construction, flood control, food service and food processing, power generation, and oil and gas production. Explosion-proof pumps are also used in the aerospace and defense, automotive, machine tool, mining, medical, pharmaceutical, semiconductor, and paper industries. Devices for heating, ventilation and air conditioning (HVAC) systems are also available. Cryogenic pumps are rated for conditions where temperatures are low enough for gases to condense to become liquids or solids. Petrochemical and hydrocarbon pumps are rated for materials such as gasoline, kerosene, diesel oil, lubricating oil, paraffin wax, and asphalt.



MALHAR PUMPS



MALHAR PUMP



SELF PRIMING PUMP WITH FLAMEPROOF MOTOR AND TROLLEY

