

PUMP CLASSIFICATIONS USED IN THE PUMP SEARCH DATABASE

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Industry type	*Usage	Pump type	*Family	Impeller style	*Service specialty	*Drive type	*Features	Materials	Liquids
	agricultural	Air piston	Positive displacement	Axial flow		AC motor		Cast iron	
Chemical		Archimedes screw	kinetic	Double suction	API process	Compressed air		Ceramic	Chemicals
cryogenic		Axial flow		Enclosed	Aquarium	DC motor		Coated	
Desalinization				Mixed flow axial	Bilge	engine		Copper alloy	Fuels
Food and beverage	Fire protection	Barrel emptying		Open		Hydraulic motor	Center line mounted	FRP	hydrocarbons
Mining and mineral processing		bellows				inducer	Double volute	Lined	Molten sulfur
Oil and gas		canned motor		inducer	chopper	Manual	Entrained air	Non-metallic	Oil
Petroleum refinery	Industrial	Circumferential piston		Propeller		Renewable energy	Explosion proof motor	Plastic/rubber	Pulp
Pharmaceutical	laboratory	Concrete volute				Steam	Impeller agitator	polypropylene	Sea water
Pulp and paper	Marine	Diaphragm single/double acting		Recessed (vortex)	Corrosion resistance	Variable frequency	inducer	Special alloy	Sewage
Sugar cane processing	Municipal	Double suction		Single vane	Fire systems		Jacketed	Stainless steel	Sludge
various	nuclear	Eccentric disc					Low NPSHR	Steel	Slurries
		External gear			Fountain grinder				toxic
	Residential	Flexible vane					Mobile		various
		In-line			High pressure		Piggy back		Waste water
	various	Internal gear			High pressure low flow				water
		jet			Hydronic heating & cooling				
		Lobe					Rubber lined		
		Manual			Low pressure high flow		sealless		
		Magnetic drive metering							
					Manual				

		Mixed flow			multiphase				
		Multi-stage horiz.			nuclear				
		Multi-stage vert.			pond				
		Pedestal sump			Pressure testing				
					sanitary				
		Peristaltic (tube)			Sewage				
		Piston			Shower (industrial)				
		Plunger ram			Sludge				
		Progressive cavity			Solar powered				
		propeller			Solids handling				
		reciprocating							
					Swimming pool				
		Regenerative (peripheral)							
		rotary							
		Rotating casing (pitot)							
		Screw impeller							
		Self-priming							
		Side channel							
		Sliding vane							
		slurry							
		Standard volute close coupled							
		Standard volute separately coupled							
		submersible							
		Submersible sump							
		Submersible vert. turbine							
		Two/three screw							
		thruster							
		Vertical sump							
		Vertical turbine							