

Drive Motors



- W Drive

1.1 HP, Continuous Duty, Universal Motor
115 VAC (220 VAC available)

Up to 50 gpm

Epoxy Coated Aluminum Housing
Maintained or Momentary Switch

- Y Drive

1/2 HP, Totally Enclosed PM Motor
115 VAC (220 VAC available)

Up to 25 gpm

Epoxy Coated Steel Housing
Maintained or Momentary Switch

- S Drive

1/3 HP 10,000 RPM or 1/2 HP 6,000 RPM Air Motor

Up to 20 gpm

Includes Filter, Lubricator, Muffler, Shut-off valve
and Air Hose

Tube Sets

- BEARING-LESS:
NO BALL BEARINGS TO REPLACE - EVER!
- 1 YEAR WARRANTY!
- Inexpensive Repairs: Pump built from parts is only \$65 more than new pump!
- Available in CPVC, Polypro, PVDF, 316 SS
- Available in any length from 10" to 100"
- Seal-less Design
- Heavy 1 1/2" Sch. 80 pump tube (.200" wall)
- Standard Features:
Hastelloy® C shaft
Suction Strainer (No height added!)
Cam Coupler discharge connections

THE WORLD'S ONLY

SEAL-LESS

BEARING-LESS

TRANSFER PUMPS!

The pumping solution
for the solution
you're pumping...

1-800-800-PUMP (7867)
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Motors

Select a Pump Drive for your performance requirements

Pump Drive	W Motor	Y Motor	S Motor
Performance	1.1 HP for flow rates up to 50 gpm and a shutoff head of 40 ft. Pumps specific gravities up to 2.0 and viscosities up to 500 centipoise.	1/2 HP for flow rates over 25 gpm and a shutoff head of 20 ft. Pumps specific gravities up to 1.7 and viscosities up to 250 centipoise.	1/3 (or optional 1/2) HP for flow rates up to 15 gpm and a shutoff head of 17 ft. Pumps specific gravities up to 1.6 and viscosities up to 200 centipoise.
Specifications	1.1 Horsepower universal motor, 16,000 RPM free speed 115/220 VAC, 60 Hz, 10 amp, Continuous Duty	Totally enclosed 1/2 horsepower permanent magnet motor 8,000 RPM free speed 115/220 VAC 60 Hz 7 amp, Intermittent Duty.	1/3 HP GAST® Air Motor, 100 psig max supply pressure 10,000 RPM OR 1/2 HP GAST® Air Motor, 100 psig max supply pressure 6,000 RPM Continuous Duty.
Construction	Powder epoxy coated housing Aluminum Finned/fan-cooled. 12 foot industrial cord. Sealed bearings. Polypropylene motor cover. Sealed switch. Extra heavy duty varnish on Field and armature windings	Epoxy Coated Steel Housing Totally enclosed permanent magnet motor. 12 foot industrial cord. Sealed ball bearings. Sealed switch. Extra heavy duty varnish on armature windings	Shutoff ball valve, in line air filter, lubricator, 10 foot coiled air hose and muffler supplied as standard equipment.
Maintenance	All parts including brushes, armature, bearings, switch and field are user replaceable.	All parts including brushes, armature, bearings, rectifier, switch and field are user replaceable.	All parts including rebuild kits and lubricant available.

Pump Tube Sets

Standard Features

- Low Maintenance, Bearing-less and Seal-less Design
- Durable-Pump Tubes constructed of thick-walled pipe
- Pumps are interchangeable on all Galway Motors
- Mixing tubes interchangeable with pump tubes
- Quality Materials-FEP, ECTFE wetted surfaces
- Hastelloy C-276 Shaft is standard
- Economical Repairs- All parts easily and inexpensively replaced
- Available in 316 SS, CPVC, Polypropylene, PVDF or custom plastics
- Custom lengths available (Standard length is 40")
- Factory rebuild service available

Select a Pump Material for your Application

Material	CPVC	Polypropylene	PVDF	316 SS
Performance	Ideal for Plating solutions, cleaning solutions and most acids. CPVC is inexpensive and generally more durable than Polypropylene. It can be used at temperatures up to 190°F.	Universally chemical resistant and can be used to pump most materials. Galway uses uncolored, natural Polypro pipe. It is recommended for temperatures up to 140°F.	Ideal for demanding materials that are either chemically aggressive or require transfer at high temperatures. Galway uses uncolored, natural PVDF pipe. It is recommended for temperatures up to 280°F.	Pump and shaft are manufactured of 316 Stainless Steel. Stainless is extremely durable and recommended for high temperature applications or where grounding is necessary to pump flammables.
Wetted Surfaces	CPVC, ECTFE, FEP, Hastelloy C, Viton	Polypro, ECTFE, FEP, Hastelloy C, Viton	PVDF, ECTFE, FEP, Hastelloy C, Viton	316 SS, ECTFE, Viton