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Dickow Pump

Magnetic coupled process pumps
Hot oil circulation pumps

LEWA

Metering pumps
Process diaphragm pumps
Packaged metering systems
Chromatography systems

Moyno / Mono Pumps

Progressing Cavity

Nikkiso Pumps

Canned motor pumps

Northern Pumps

High Pressure Injection Gear pumps

Zenith Pumps

Metering gear pumps & systems

MAGNETIC COUPLED PROCESS PUMPS

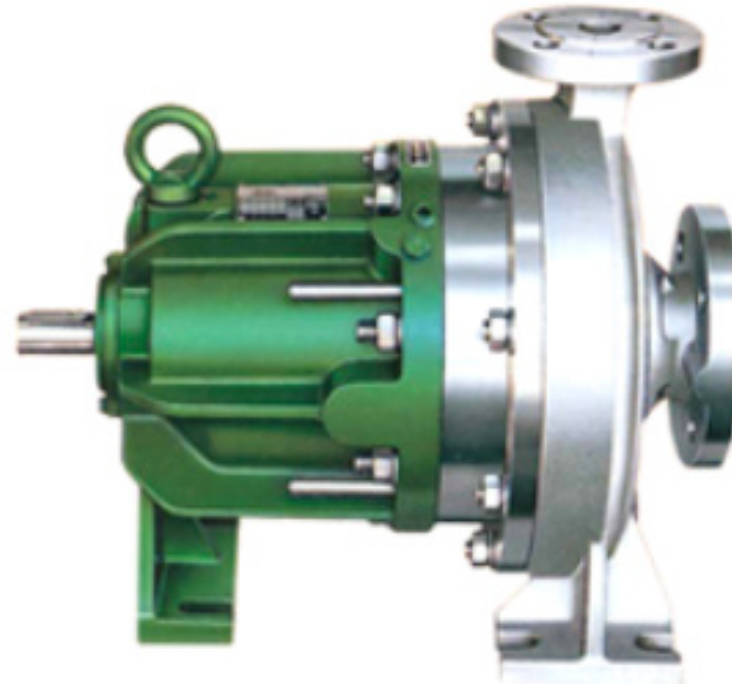
Zero leakage handling of toxic, high temp, flammable, explosive, noxious product or other hazardous liquids that can react on contact with the atmosphere. Process, ANSI, and API 685 capable. Containment shell forms a closed system with a hermetically sealed liquid end. Arrangements are available for double containment, high pressure, and low flow applications.

quick facts

Flows: 2 gpm up to 4,000 gpm

Pressures: 0 up to 783 psi

Temps: Up to 752 deg F



applications

- Hot oil
- Heat transfer fluids
- Benzene
- Fuels
- Crude Oil
- Ethanol
- Hydrogen Peroxide
- Caustic Soda
- Ethylene Dichloride
- Sea & Sour Water
- Amines
- Alkalis
- Aromatic Compounds
- Hydrocarbons
- Molten Sulphur
- Alcohol
- Acids
- Chemical Feed
- High Purity & WasteWater

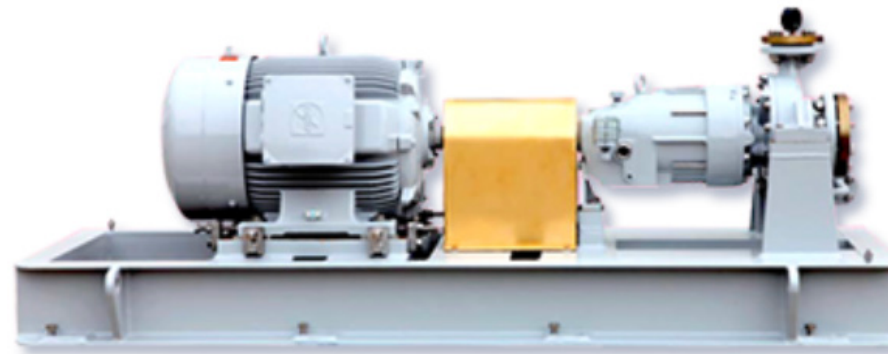
qr codes



Hot Oil



Dickow



industries

- Oil & gas
- Refineries
- Petrochemical
- Chemical and power generation

The gold standard for safety, reliability, accuracy, repeatability and efficiency especially when it comes to pumping difficult fluids (i.e. abrasive, super critical fluids, liquified gas, and blowing agents). Excellent with high and low temps and pressures. Very low maintenance and extremely long service life for diaphragms. API 675.

quick facts

Micro-metering up to 47,500 gph
Pressures up to 17,000 psi
Temps up to 750 deg F
Industrial/Sanitary Models



applications

Virtually any fluid including:
Methanol Injection
Polymerization
Wet Oxidation
Extraction Supercritical Fluids
Melamine
Biodiesel
Pharma Spray Drying
Flue Gas Cleaning
Liquified CO2.

industries

Oil & Gas / Refineries
Petrochemical
Chemicals, Cleaners
Detergents
Personal Care
Pharma, Life Sciences
Biotech
Food & Beverage
Pulp/Paper
Energy / Utilities
Clay refining
Mining
Textiles
Metal Processing & Recovery
Nuclear facilities
Paint, Glass
Ceramics Cosmetics

qr codes



Oil & Gas



Fluid Sol



EcoSmart



EcoFlow



Ordorization



Pumps

Low flow, high pressure metering. Made for moving shear sensitive, highly viscous, highly toxic, highly abrasive (in excess of 80% solids) with ease and minimal wear.

quick facts

Flows: Metering up to 4,500 gpm
Pressures up to 1,500 psi
Temps up to 350 deg F
Viscosities up to 1,000,000 cps
Industrial/Sanitary Models



applications

- Adhesives
- Sludge
- Chemical Metering
- Detergents
- Oils
- Starches
- Minerals
- Polymers
- Bio-Gas
- Pharma
- Food
- Agriculture
- Latex
- Mine dewatering
- Paper
- Gypsum
- Coatings
- Juices
- Sauces
- Curds

qr codes



Muncher



Transfer Pump



Must



Compact C



Moyno

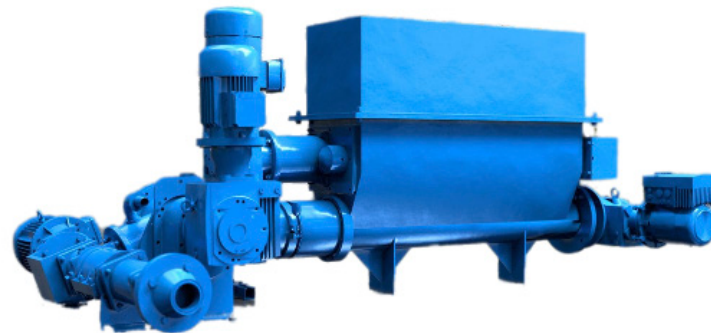
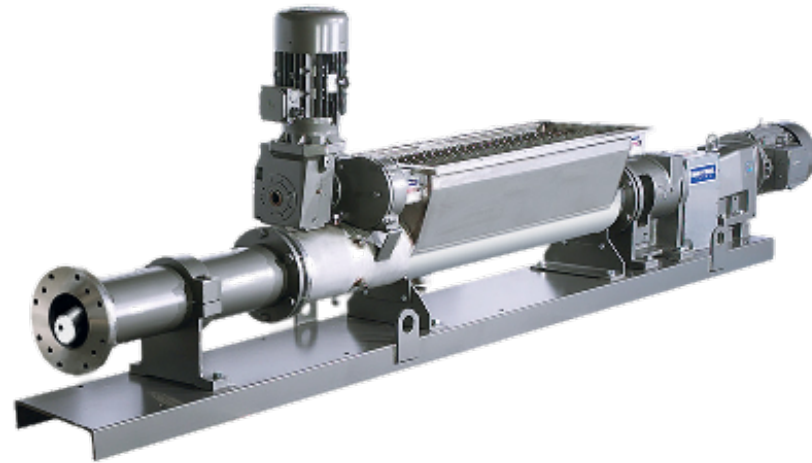
industries

- Oil & gas refinery
- petrochemical
- chemical
- power generation
- food
- semi-conductor
- water & wastewater

Low flow, high pressure metering. Made for moving shear sensitive, highly viscous, highly toxic, highly abrasive (in excess of 80% solids) with ease and minimal wear. Single stage particle reduction to 1/4 inch. Dual stage reduction for fine particles.

quick facts

Flows: Large
Pressures up to 1,500 psi
Temps up to 350 deg F
Viscosities up to 1,000,000 cps
Industrial/Sanitary Models



applications

Adhesives
Sludge
Chemical Metering
Detergents
Oils
Starches
Minerals
Polymers
Bio-Gas
Pharma
Food
Agriculture
Latex
Mine dewatering
Paper
Gypsum
Coatings
Juices
Sauces
Curds

qr codes



Muncher



Transfer Pump



Must



Compact C



Moyno

industries

Oil & gas
refinery
petrochemical
chemical
power generation
food
semi-conductor
water & wastewater

CANNED (NON-SEAL) MOTOR PUMPS

Seal-less with leak-proof construction. Pump and motor are integrated into one housing. Can handle high temperatures. Low flow/high head options, high vapor pressure, high viscosities, slurries, low vibration and noise. High reliability and easy maintenance. API 685. Self priming and true secondary containment. Drop in replacement for troublesome Sundyne VIP pumps available. ANSI configurations available sizes AA-6 through A60-10.

quick facts

Flows up to 5,283 gpm
Pressure up to 853 psi
Temps up to 842 deg F
Viscosities up to 500 cps



applications

- Acids
- Salt solutions
- alkalis
- Aromatic compounds
- Hydrocarbons
- Monomers and polymers
- Alcohol
- Halogenides
- Nitrogen and sulfur combinations
- Liquified gasses
- Oils
- Blowing agents
- Heat transfer fluids
- Water
- ...and others

qr codes



General



Problem Monitoring



Reverse Circulation



Slurry Handling



With Cooling



Website

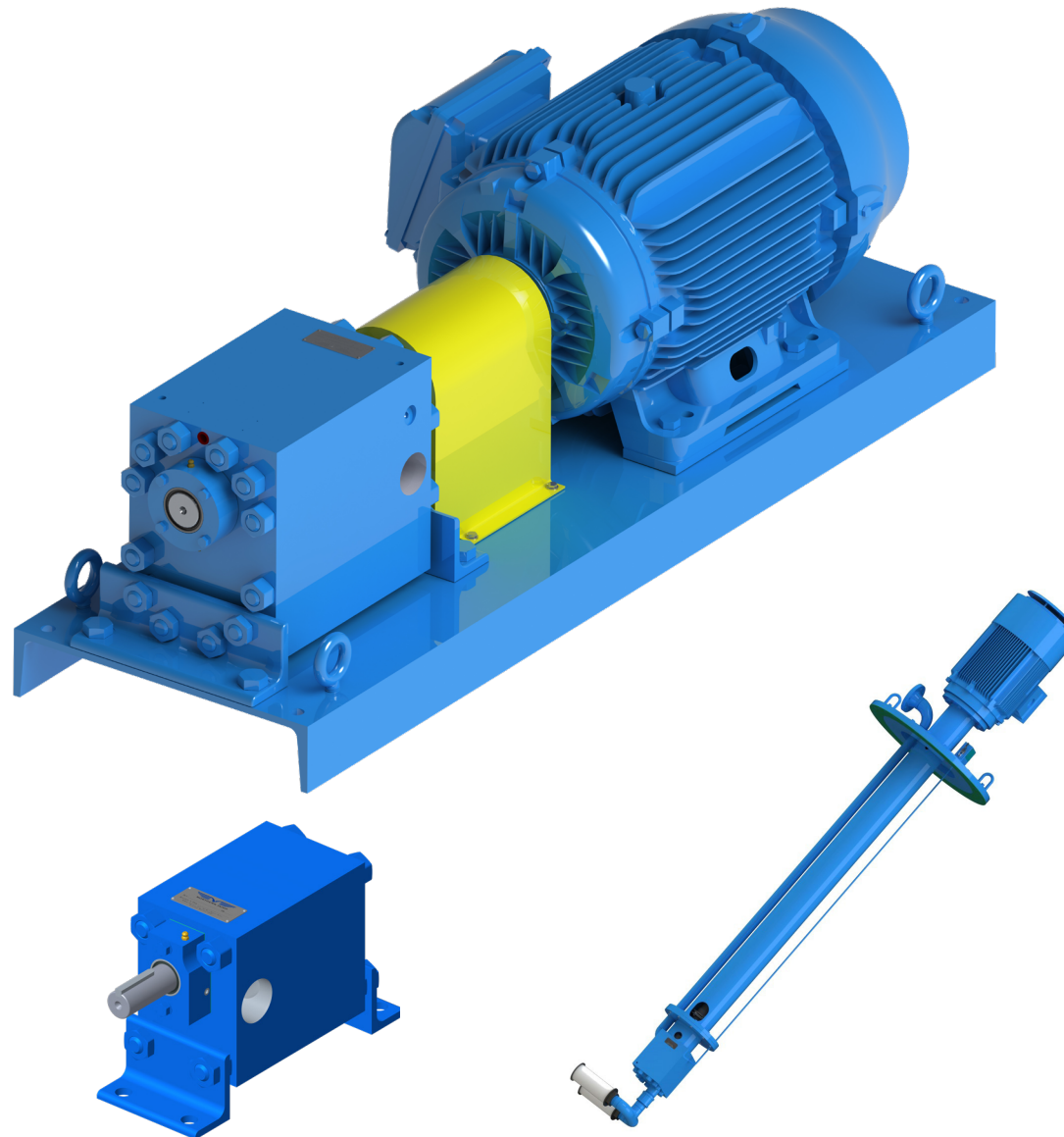
industries

- Oil & gas
- Refineries
- Petrochemical
- Chemicals
- Power generation
- Food
- Semi-conductor

Northern pumps are a high pressure heavy duty positive displacement rotary gear pump that efficiently pumps crude oil and other hydrocarbons with ease. They are extremely efficient with both high and low viscosities fluids and the steel housing is a key design feature that allows our customers to operate safely at discharge pressures up to 2000 PSI. Our ability to set an internal clearance in each pump allows for superior volumetric efficiency.

quick facts

Flows: 0.5 cc/rev to 419 gpm
Pressures up to 2,000 psi
Temps up to 900 deg F
Viscosities up to 1,000,000 cps
Small footprint
All steel construction



applications

Transport & Metering of Crude Oil hydrocarbons
Refineries
Offshore Oil Platforms
Pipelines
Dosing
Filling
Injections
Coatings
Extrusions
Spaying including paints

qr codes



More Info



Pump Options

industries

Chemical waste treatment
Pulp & Paper Petrochemical
Chemicals,
Semi-Conductor
Personal Care Products
Power
Photovoltaic
Food & Beverage
Metal Finishing

Known for many decades as the gold standard for precise, reliable and pulse free fluid-handling. The pump is capable of high differential pressures, low NPSH and accuracy. In most cases this eliminates the need for a flowmeter since the pump's RPM determines the precise flow required. The tight operating tolerances of the gears provide significant advantages in fiber, polymer processing and extrusion, adhesives, paints, food and other markets.

quick facts

Micro-metering up to 9 gpm
Pressures up to 4,000 psi
Temps up to 900 deg F
Viscosities: to 1,000,000 cps



applications

- Dosing
- Filling
- Injections
- Coatings
- Extrusions
- Spaying including paints
- Fiber Spinning
- Polymers
- Plastic Extrusion
- Urethane Injection
- Industrial lubrication

qr codes



More Info



B-9000



industries

- General Industry
- Defense
- Oil & gas
- Refineries
- Petrochemical
- Chemicals
- Power Generation
- Food & Beverage
- Semi-Conductor
- Pharmaceutical
- Pulp & Paper