

# PRODUCT CATALOGUE

## OUR PRODUCTS

- *INDUCTION MOTOR & GEAR MOTOR*
- *CENTRALISED LUBRICATIONS*
- *COOLANT FILTRATION*
- *OIL SKIMMERS*
- *PNEUMATICS&HYDRAULIC PRODUCT*
- *SENSORS*
- *SERVO MOTOR&DRIVES*
- *ENCODERS*
- *VFD*
- *SAFETY CURTAIN*
- *MANUAL PULSE GENERATOR*



# PI ENTERPRISES

*Just call us and be Free*

*24/7 Support for Spares&Service*

## World Class Brands





# Rotomotive's New Generation Electric Motor. More Flexibility, Features 30% Lighter Yer Higher Efficiency

## Delphi Eff2, Eff1, IE2, IE3 Motors



- Energy Efficient-EFF1,EFF2,IE2,IE3
- Terminal Box can be rotated 360 in steps of 90
- Detachable feet- flexible mounting(up to 132 frame)
- Pull-resistant cable glang
- B3,B5 and B14 mounting
- VPI impregnation
- Steel insert in bearing seats (from frame size 90)
- 6 terminals - run same motor in star or delta
- Patented design
- CE Mark
- Lightweight die-cast aluminium construction (up to 132 frame)

## Delphi Brake Motors



## Delphi Crane Duty Motors



## Delphi Flame Proof Motors



# GEARBOXES

- Taper rooller bearings to withstand axial thrust
- Patented die - cast aluminium housing
- Super - finished gear for iow noise
- Synthetic lubrication
- Anti corrosion coating
- Breather plugs for cooler running
- Assembled in a world class plant in India

## Worm Gearboxes



## Helical Gearboxes



- Unicase cast Iron body for extreme rigidity
- All gears hardened and ground to din class 6
- Multiple input and output flange options
- Oversized bearings for dual support on all gears
- synthetic lubrication
- Top opening for easy maintenance. Diecast aluminium cover



## Industrial Filters

**Disposable Candle Filter**



**Hydraulic Oil Filters**



**Paper Roll Filter**



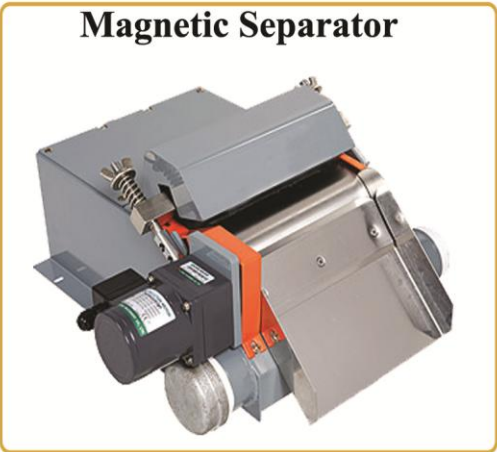
**Filter Bags**



**Oil Skimmers**



**Magnetic Separator**



**Water Filter Housing**



**Dust Collector Filter Cartridge & Bags**



“PI ENTERPRISES,” are one of the reputed suppliers of Filters and Filter Elements. In our wide spread range, we offer

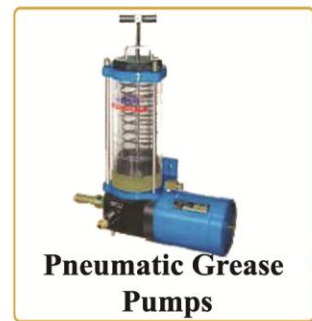
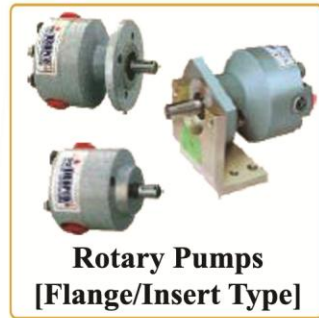
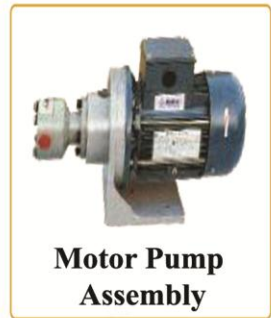
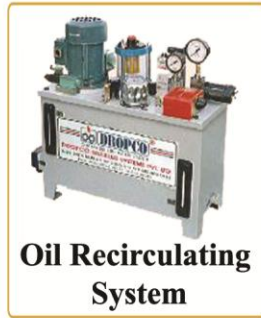
- Coolant Filter Paper Roll
- Filter Bags
- Disposable Filter Elements
- Strainers Filter Cartridge
- Water Filter Housing
- Hydraulic Oil Filter
- Dust Collector Filter Bag
- Water Filter Housing
- Oil Skimmers
- Magnetic Separator

**You can get filter Elements and systems according to your needs and specifications. Just spell out your needs to our professionals and they will make it happen for you! Get the best filter systems in the world at unbeatable rates!**

## Lubrication Products

We take pride in being the centralized lubrication system who support and service such a diverse range of products. Whatever your REQUIREMENT might be, you can rest assure PI ENTERPRISES will have a solution for it. Below are the different product categories that we offer.

- Lubrication Pumps
- Lubrication Distributors
- Specialized Lubricators
- Timers & Controllers
- Tubes, Hoses, Pipes, Fittings and Clamps



## Industrial Spares & Tube Fittings



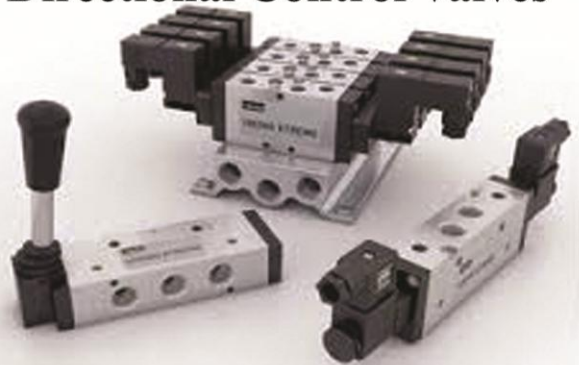
The products of Dropco are superior in design and technology. The company also develops the special systems i.e. Dual Line Grease System, OCSC (Oil Circulating System), Air oil Mist Spray System & different types of fixtures for oiling or greasing of particular job as per customer requirements.

## Pneumatic Products

### Air Cylinders



### Directional Control Valves



### Air Preparation Units



### Accessories



### Air Line Valves

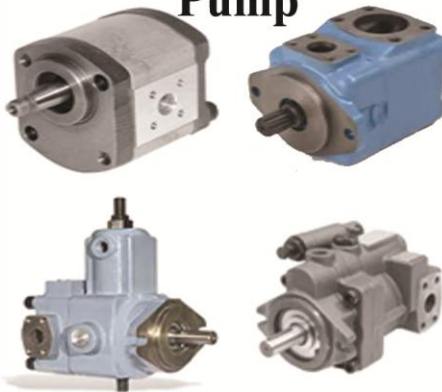


## Hydraulic Products

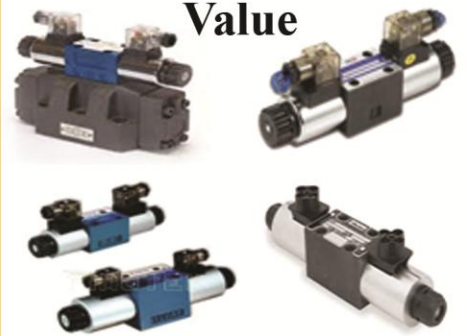
### Hydraulic cylinder



### Pump



### Direction Control Value



### Flow Control Value



### Hoses and fitting



### Pressure Gauge





### Servo Motor And Driver



- Motor Output Ranges From 50W to 15KW
- 20 Bit encoder, 1.04 million pulses per revolution
- 2KHz response frequency
- Low cogging torque
- Service life prediction
- 4Mbps input/output pulse
- Encoder temperature monitor
- Setup software with motion simulation
- Complies with european safety standards
- High-precision encoder
- Real-time auto-gain tuning

### Motor

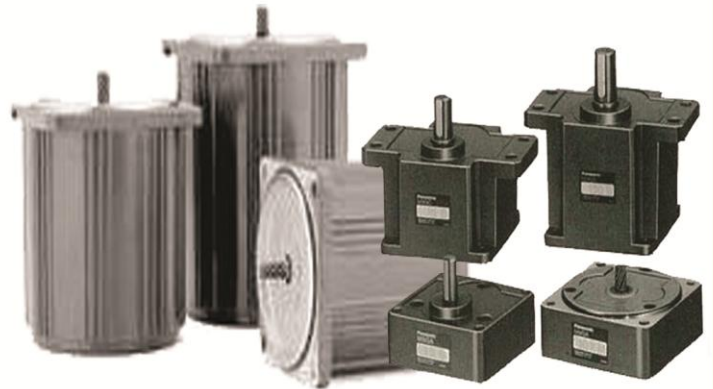
#### Global Standard-International Certification

- CE/UL/CCC Marked
- One motor can be used for various range of Voltage with a choice of capacitor
- No components used for environmentally

### Gear Head

- Wide range of gear head variation
- Ball bearing type, metal bearing type, high torque
- Type, right-angle type
- Decimal gear head

### Low Noise Type - AC Geared Motor



## All Types of Industrial Sensors & Electronic Goods

### Photoelectric Sensor



### Fiber Optic Sensors



### Laser Sensor



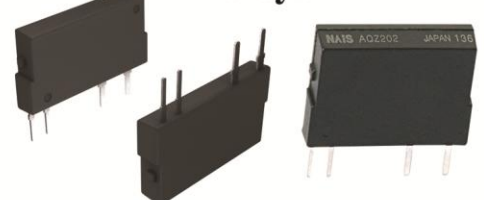
### Measurement Sensor



### Colour Mark



### All Types of Industrial Relays





### Safety Light Curtain



### Manual Pulse Generator & Pendant Hand Held



### Flexible Coupling



**Operating Range:** 5000mm  
upto 15000mm

**Response Time :** 15msec

**Temperature:** 0to60c

**Humidity:** 30to85%RH Emitting

**Element:** Infra Red

**LED Peak Emission**

**Wavelength:** 940nm

**Model:** HPG&HPG-B

**PPR:** 25,100PPR

**Supply**

**Voltage:** 5VDC, 8-26 VDC

**O/P:** AB Phase open  
collector or line driver

**Length 28mm x dia 19mm:**

Size 6x6, 3.5x6.35mm

**Length 30mm x dia 25mm:**

Size 6x6, 6x10, 8x8, 8x10, 10x10,  
6x9.52, 8x9.52, 9.52x9.52, 9.52x  
10, 6.35x9.52

**Length 49mm x dia 35mm:**

Size 10x12, 12x12, 12x14, 12x16,  
14x14, 14x16, 16x16

# DATA LOGIC™

### Tublar



S5

S50

### Miniature



S3

S40

### Maxi



S300

### Colour Mark Sensor



TL50

TLμ

### Slot



SR21

SRF-30

### Safety Light Curtain



## ABOUT US

*PI ENTERPRISES is a Fast Growing Company in the Distributor of Industrial Spares and Services of Motors and Gear Box, Centralized Lubrication Systems, Filter Elements and Automation Products. We are a Group of Young and Talented Engineers whose sole purpose is to provide utmost quality and dedicated support for our Esteemed Customers.*

*We are Distributor of world class brand of **Rotomotive**, Italian Design for range of Industrial Motors up to 0.09KW to 315KW and Warm Gear Box and Helical Gear Box. **Dropco**, **Auto Mat Lub**, Centralized Lubrication Systems like Lubrication Pumps, Timers, Counters, Hose, Fittings. **Shivam Filters**, Industrial Filter Elements like Hydraulic Filters, Oil Skimmer, Paper Roll Filters. **Orbital**, Big range of Safety curtain, Manual Pulse Generator, Flexible Coupling. **Panasonic**, Japan for big range of PLC, HMI, Sensor, Safety Curtain, Servo motor, Driver, Industrial Relay. **Datalogic**, Italy for range of Sensors, Safety Guards, Vision System.*

*Our secret to success is that we have combined classic techniques with the current technology and a pinch of hard work and dedication on the path to provide state of the art products and top class services.*

*Our doors and lines are open 24/7 support for Spares & service you on your queries.*

**PI ENTERPRISES**  
S.N.93/1,2<sup>nd</sup> Floor,  
Chennai-Bangalore Main Road,  
(Near Sumathi Theatre)  
Sriperumbudur-602 105  
pienterprises.sales@gmail.com  
sales@pienterprises.in  
9941-43494 / 90030-57225



Induction Motor • Gear Box • Coolant Filtration • Oil skimmers • Centralised Lubrications • Low Noise Gear Motor  
Manual Pulse Generator • Sensors • Encoders • Servo Motor • Drives • VFD • Safety Curtain • Pneumatics Products

### AUTHORISED CHANNEL PARTNERS

