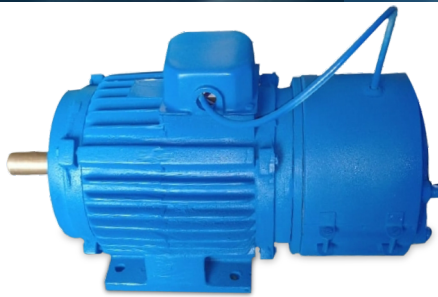




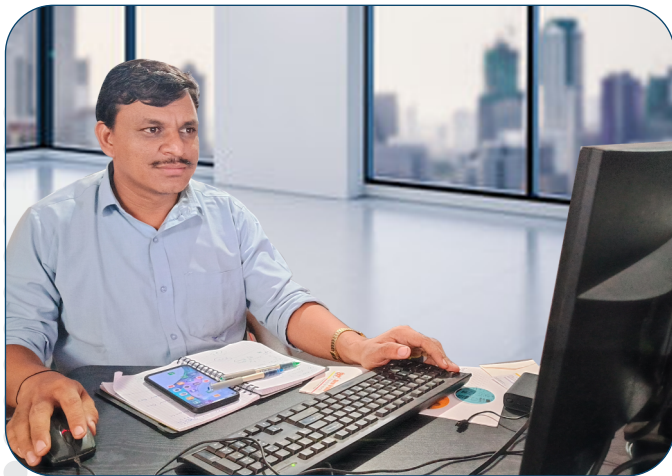
Shruti Engineering

MANUFACTURER OF:

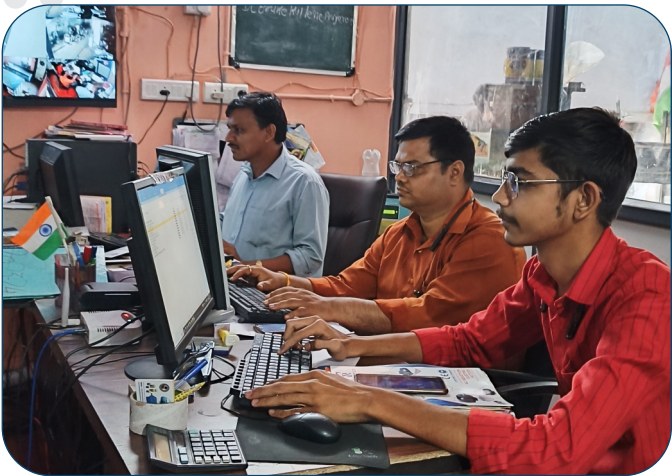
- Electro Magnetic Brake (AC Brake)
- Spring-Loaded Fail-Safe Brake (DC Brake)
- Ac Brake Motor
- Dc Brake Motor
- Ac Brake Liner
- Dc Brake Liner
- AC & DC Brake Coil
- Three Phase Electric Motor (Induction Motor)
- AC Solenoid Brake
- Hydraulic Thruster Brake
- Helical Gear Box
- NMRV Worm Gear Box



COMPANY PROFILE



Established in the year 2008, we, **Shruti Engineering**, are an appreciated manufacturer, exporter and supplier of high quality AC Brake Motor & DC Brake Motor, AC Brake & DC Brake. Offered range of products includes Foot Mounted Brake Motor, Hoist Brake, Crane Brake. These products are manufactured under the supervision of skilled team of professionals using quality tested raw material with the help of latest machines. The offered products are used in Hoist Crane and Material Handling Equipment Industries and AC Brake, DC Brake & special purpose machines. The entire range is broadly appreciated for high strength, optimum performance, low maintenance, easy installation and longer service life.



To carry out all business operations, our organization has constructed a high-tech infrastructure that is alienated into different sections to organize the entire business process in streamlined manner. Our segregated sections are Manufacturing, quality testing, packaging, sales & marketing and many more. Further, we have deployed team of skilled professionals in every section that helps us to manufacture these products with world class quality. Under the supervision of our mentor, **Mr. Ramchandra Ji (Proprietor)**, we have developed proficiency in the domain. His fair business tactics and sharp business acumen have enabled us to reach the apex of success.

QAULTY



All our products are in compliance with international quality standards and they are appreciated for the following attributes:

- Tensile Strong, Durable & Reliable
- Higher Productivity, Precision Engineered
- Dimensional Accuracy
- Efficient Functionality
- Easy To Install & Operate
- Sturdy, Compact & Robust Construction



INFRASTRUCTURE

Considering the Quality and Bulk productions, Major machines installed at our manufacturing unit that enable on-time and quality-based production include:

- Automatic Grinding Machine
- Coil Bending Machine
- CNC Automatic Coil Bending Machine
- Revating Press Machine
- Drill Machine Stamping
- Special Purpose Machines



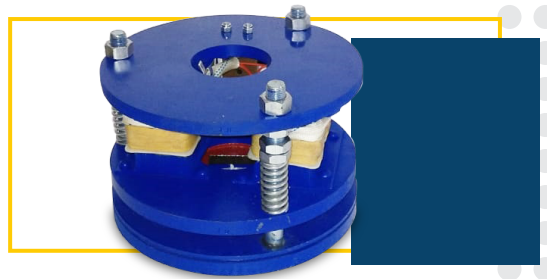
BRAKE, BRAKE MOTOR & BRAKE LINER

ELECTRO MAGNETIC BRAKE (AC BRAKE)

Phase: Three Phase | Material: Cast Iron

Voltage: 415V | Usage or Application: Industrial

Brand: Shruti Engineering



SPRING LOADED FAILSAFE BRAKE (DC BRAKE)

Phase: Three Phase | Material: S.G.I

Voltage: 24V DC, 190V DC | Usage or Application: Crane Hoist

Brand: Shruti Engineering



AC BRAKE MOTOR

Number Of Poles: 4, 6 | Body Enclosure: C.I.

Power (Watts or HP) 0.5 hp to 15 hp

Rated Torque Or Rated Speed 960, 1440 rpm | Frequency : 50 hz

Usage Application: Crane & More

We are a manufacturer of all types of electric motor like 1 phase, 3 phase, AC brake motor, DC brake motor, flange mount motor, foot mount motor, all types of gear motor & industrial gear boxes. Prices are depends upon variant.



DC BRAKE MOTOR

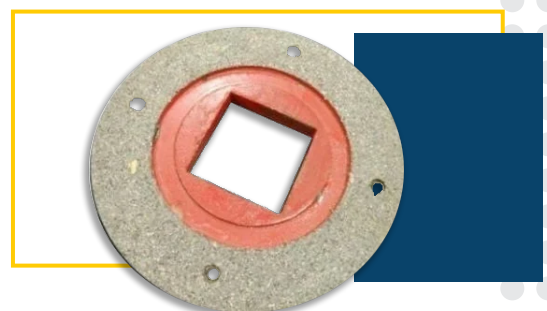
Brake Motors are used for various applications where instantaneous stopping of the driven load is required. The operation of the brake is Fail Safe Type i.e. normally ON. When the electrical power to the motor is cutoff or the power fails, the brake is applied.

Brake motor is a combination of an A.C. induction motor and an electromagnetic AC or DC brake. The electromagnetic brake is mounted on the non-driving end of the motor.

DC brake motors are provided with a rectifier which provides the required DC voltage to the brake coil which in turn operates the brake. The supply to the rectifier is fed from any two terminals (between any two phases) in the main terminal box of the motor.

AC BRAKE LINER

Very compact and modern in design. Foundation is not necessary as they are directly mounted on non-driving end shaft of the motor. It consist of Linear Plates (Brake Disc) with square hole at the centre. One corresponding piece of square hub is supplied with the Brake. This hub is keyed to the motor shaft and the Linear Plate



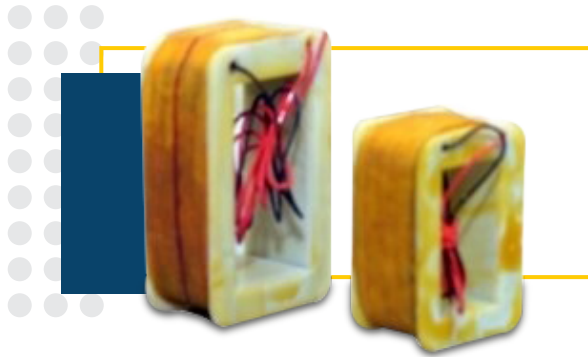
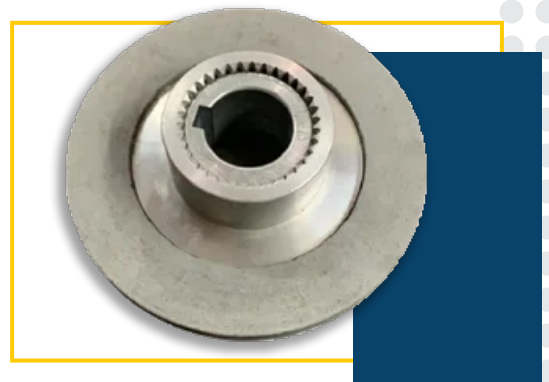
BRAKE LINER & BRAKE COIL | ELECTRICAL MOTOR

DC BRAKE LINER

We are engaged in presenting an extensive range of EOT Crane Brake Liner to our clients. Moreover, clients can buy these liners at competitive prices.

Features:

- Longer service life
- Lightweight
- Excellent in work



AC ELECTRO MAGNETIC BRAKE COIL

Original Shruti Engineering Spare Brake coils Model DAT series for Electromagnetic Brakes, AC operated DAT Brakes, Spring Loaded Fail-Safe Disc Brakes used in Hoists and Cranes. Suitable for Brake Model: DAT-130, DAT-140, DAT-150, DAT-150X, DAT-190, DAT-190X, DAT-235, DAT-235X, DAT-290, DAT-290X, DAT-290XX.

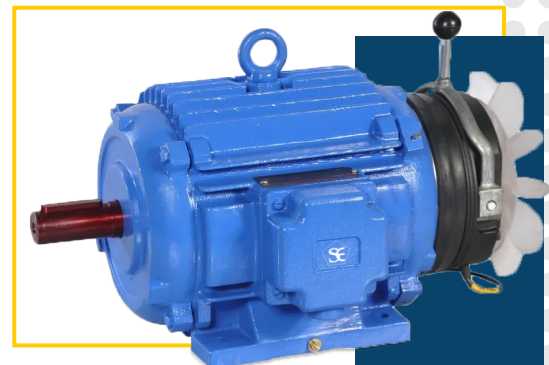
AC SINGLE PHASE DC BRAKE MOTOR

Phase: Single Phase | Speed (rpm): 1500

Brand: Shruti Engineering

Voltage: 220V | Motor HP: 1 to 3 HP

Salient Features of Single Phase Brake Motor Supplied by us: Wide range from fractional 1HP to 3 HP. All motors supplied by us are TEFC (Totally Enclosed Fan Cooled) Motors. Factory fitted and aligned brake motors.



SINGLE PHASE ELECTRIC MOTOR

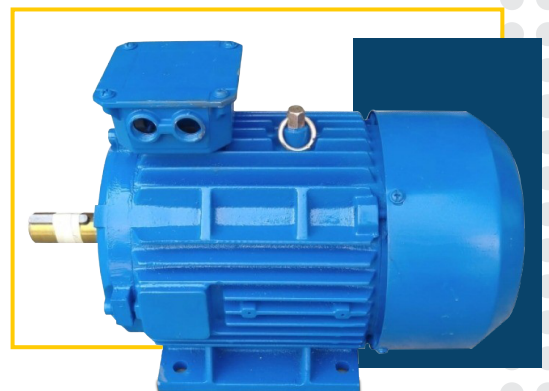
A single-phase motor is an electrically-powered Hoist machine that can turn electric energy into mechanical energy. It works by using a single-phase power supply. They contain two types of wiring: hot and neutral. Their power can reach 3Kw and supply voltages vary in our motor.

THREE PHASE ELECTRIC MOTOR

Phase: Three Phase | Material: Cast Iron

Voltage: 415V | Frame Size: Standard

We “**SHRUTI ENGINEERING**” are a leading manufacturer of a wide range of all industrial usages. We assure best quality in this product line.

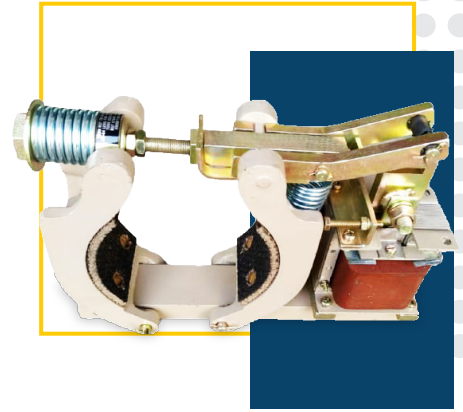


AC SOLENOID BRAKE

The Brake stop virtually any type of industrial machine. Applications such as steel mills, indoor and outdoor bridge cranes, gantries, heavy-duty cranes, high-duty cycle cranes, lock and dam projects, stacker reclaimers, and commercial laundry equipment. They are tough, reliable and provide extended, trouble free service. That's because they are designed and built to exacting specifications.

Features:

- Smooth functioning
- Dimensional accuracy
- Fine finish

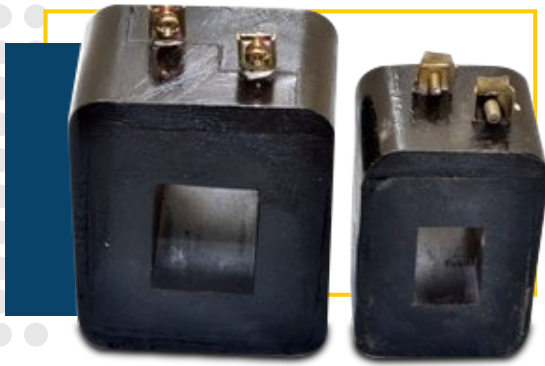


AC SOLENOID BRAKE COIL

AC Solenoids (Pull Type) encourages application to a wide range of requirements e.g. a definite pull motion under automatic or distant control in connection with electrically driven machinery. Typical functions include the operation of electromechanical brakes and valves, various short-stroke motions on machine tools.

AC Solenoid Operated Brakes type 'S' is designed for long life, easy installation, and minimum maintenance. They are electrically released and spring-applied providing 'Fail-Safe' operation.

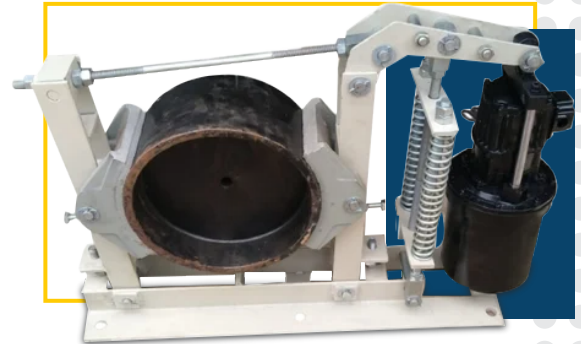
Typical application includes conveyors, hoisting equipment, elevators, escalators, machine tools, printing press, small cranes, overhead doors, vacuum moulding machines, etc.



ELECTRO HYDRAULIC THRUSTER BRAKE

Electro Hydraulic Thruster Brake is used to retard the speed of moving machinery and to stop it accurately to the desired position. The breaking force is applied to the brake shoes by a pre-stressed compression spring.

The brake shoes press on the rotating brake drum retarding its speed, and finally stopping it. Other release devices like pneumatic / hydraulic cylinder or manual release arrangements can be offered on request.



THRUSTER

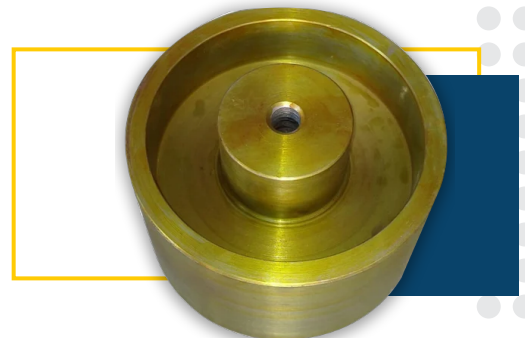
Electro Hydraulic Thruster is a device which develops linear thrust (or force) required to operate the desired mechanism. The Thrusters are widely used to actuate thruster shoe brakes, commonly used in material handling equipments. Thrusters are available in various models Like 18 Kg, 34 Kg, 46 Kg.

Thruster Brake is a device to retard the speed of moving machinery and to stop it accurately to the desired position.



BRAKE DRUM

Shruti Engineering is the leading manufacturer and supplier of Brake Drum Coupling in India. Our Brake drums & Gear Coupling are made from premium quality materials which offer strength and durability to them. These brake drums are specially designed and guarantees dimensional accuracy which is inevitable for precise operations. This efficient and versatile product brakes has earned us name among the prime brake drum manufacturers and suppliers in India.



GEAR BRAKE DRUM COUPLING | HELICAL GEAR BOX & MOTOR

GEAR BRAKE DRUM COUPLING

The brake drum couple is used to connect the motor and gearbox shaft or gearbox and machine shaft. Coupling is supplied with pilot bore if finished bore and key way is not given in the order.



GEAR BRAKE DRUM COUPLE

Spare Parts: Hoist | Material: Metal

Shape: Round | Application: Crane | Dimension range: 100mm to 500mm

We offer our clients by manufacturing an extensive range of EOT Crane Gear Brake Drum Couple. These stand high on quality parameters owing to our advanced manufacturing techniques, which are in accordance with the set industry standards. Further to achieve maximum client satisfaction we also offer options of customization on our product range.



HELICAL GEAR BOXES

Orientation: Horizontal | Mounting: Foot Mounted

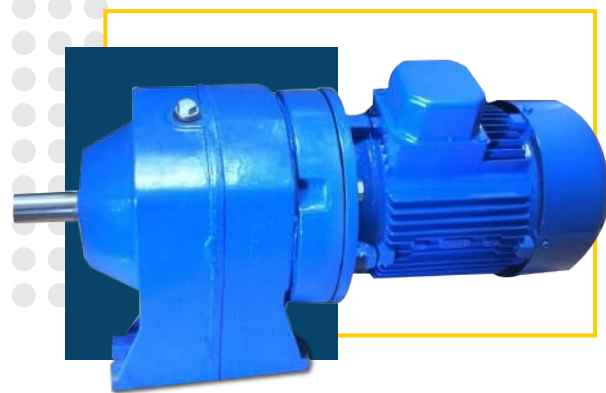
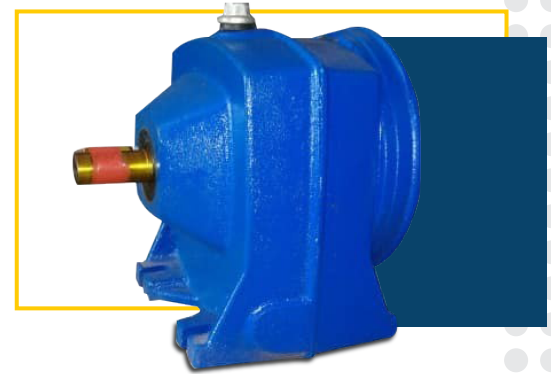
Material: Cast Iron Body | Power: 0.5 hp to 7.5 hp

Brand: Shruti Engineering | Voltage: 415V AC

Reduction Ratio Range: 4.6 to 701

Suitable for Frame Size: 71, 80, 90, 100, 112 & 132

Usage/Application: Cranes, Hoist & Material Handling Equipment



HELICAL GEAR MOTOR

Mounting: Horizontal or Vertical | Usage Application: Industrial

Brand: Shruti Engineering | Phase : Single and Three Phase

Power: 0.5 to 3 hp | Motor Speed: 1400

Voltage: 415/230 | Range: 0.5 to 10 HP

Gear Speed Output: 32 rpm to 300 rpm

Electrical Motor: 415V, 50 Hz, 3 Phase AC Supply

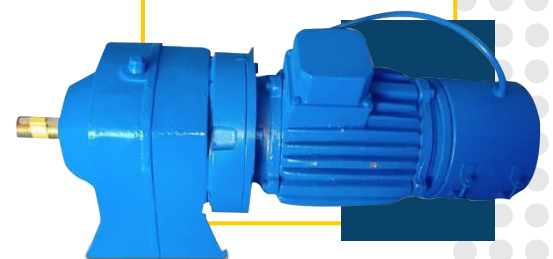
Type: Flange Mounted & Foot Mounted

HELICAL GEAR AC BRAKE MOTOR

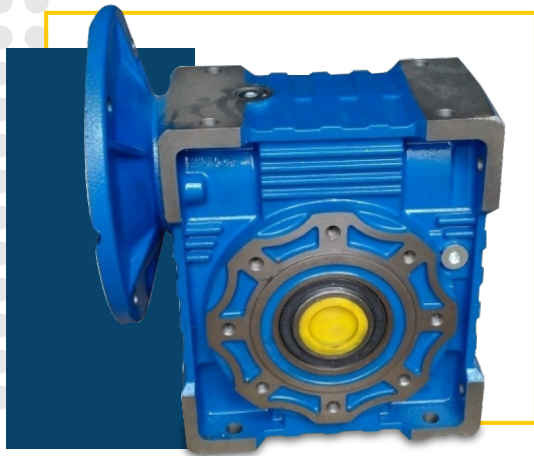
Phase: Three Phase | Power: 0.5 HP | Speed: 1400 rpm

Brand: Shruti Engineering | Voltage: 415V

Shruti Engineering specializes in providing our prestigious clients with a quality array of helical geared brake motors. They are designed for continuous duty under arduous operating conditions.



NMRV WORM GEAR BOX AND MOTOR



NMRV WORM GEAR BOX

We offer NMRV Worm Gearbox successfully. We have gained vast expertise in offering a superior range of Aluminium box type Gearbox to our clients within sensible prices. These are mostly found its application in various industries across the various sectors like Crane, ceramic, Textile, Packing machinery, Conveyor etc. They are well known for their wear and tear resistance as these are packed using high grade packing materials

Standard Model : NMRV box type 30, 40, 50, 63, 75, 90,110, 130, 150

Centre Distance : up to 150 mm | Input Power : 0.5 HP to 7.5 HP

Speed Ratio : 7.5, 10, 20, 25, 30, 40, 50, 60, 80, 100

NXU WORM GEAR BOX

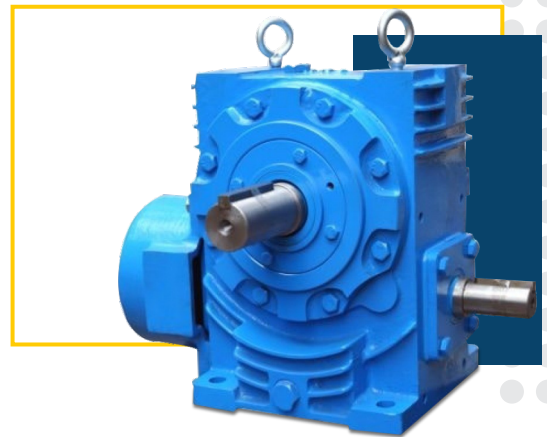
Application/Usage: Industrial | Material: Cast Iron | Gear Type: Worm

Mounting: Foot Mounted

Size: 2inch to 7 inch

We offer a wide array of Worm Reduction Gearbox, Flange Mounted Gearbox, Industrial Gear Boxes and many more. A gear box is meant for transmitting mechanical power from a prime mover (an engine or electric motor) into some form of useful output of lower RPM and higher torque. It is a set of gears for channelizing power from one rotating shaft to another.

Gear boxes are widely used for many equipments & products, like machine tools, automobiles, heavy cranes, earth-moving machinery etc. Their size, geometry, loading condition and performance requirement, etc. vary according to specific industry criteria. The manufacturing industries are showing considerable growth, the automobile sector is poised for a much higher rate of growth. It is, thus, felt that the demand for gear boxes in these industries will increase rapidly in the years to come.



NMRV WORM GEAR MOTOR

Speed: 14-192RPM | Brand: Shruti Engineering

Power: 0.5 hp to 10 hp

Voltage: 230vac Single Phase & 230vac/415vac Three Phase

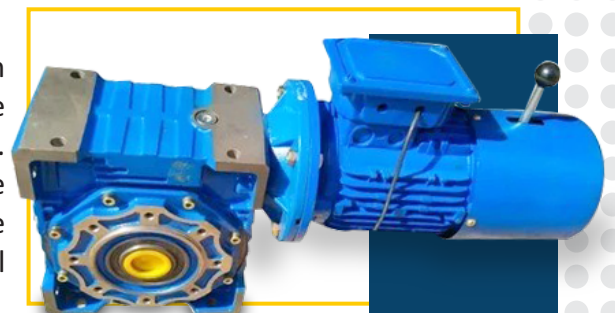
Phase: Single Phase & Three Phase

The Worm Reduction Gear Motor offered by us is immensely appreciated for its superior performance. Gear Motor is widely used in Industrial Usage packaging machines, textile machines, laboratory instruments and various other.



NMRV WORM GEAR BRAKE MOTOR

Integral Brake Motors are suitable for various industrial application like Textile, Machine Tools, Hoists, Cranes, Lifts etc., where instantaneous stopping of the driven equipment is demanded. Motors are fitted with Electro Magnetic Normally on brakes. The electro-magnetic DC brake is mounted on the non-driving end of the motor. The cooling fan is mounted after the brake for better thermal dissipation and cooling of the brake also.





Shruti Engineering

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एक कदम स्वच्छता की ओर