

Company Profile



PT. ARYLLA DHARMA PERKASA

**MECHANICAL & ELECTRICAL
POWER TRANSMISSION
PRODUCTS SUPPLIER**

www.arylla.co.id

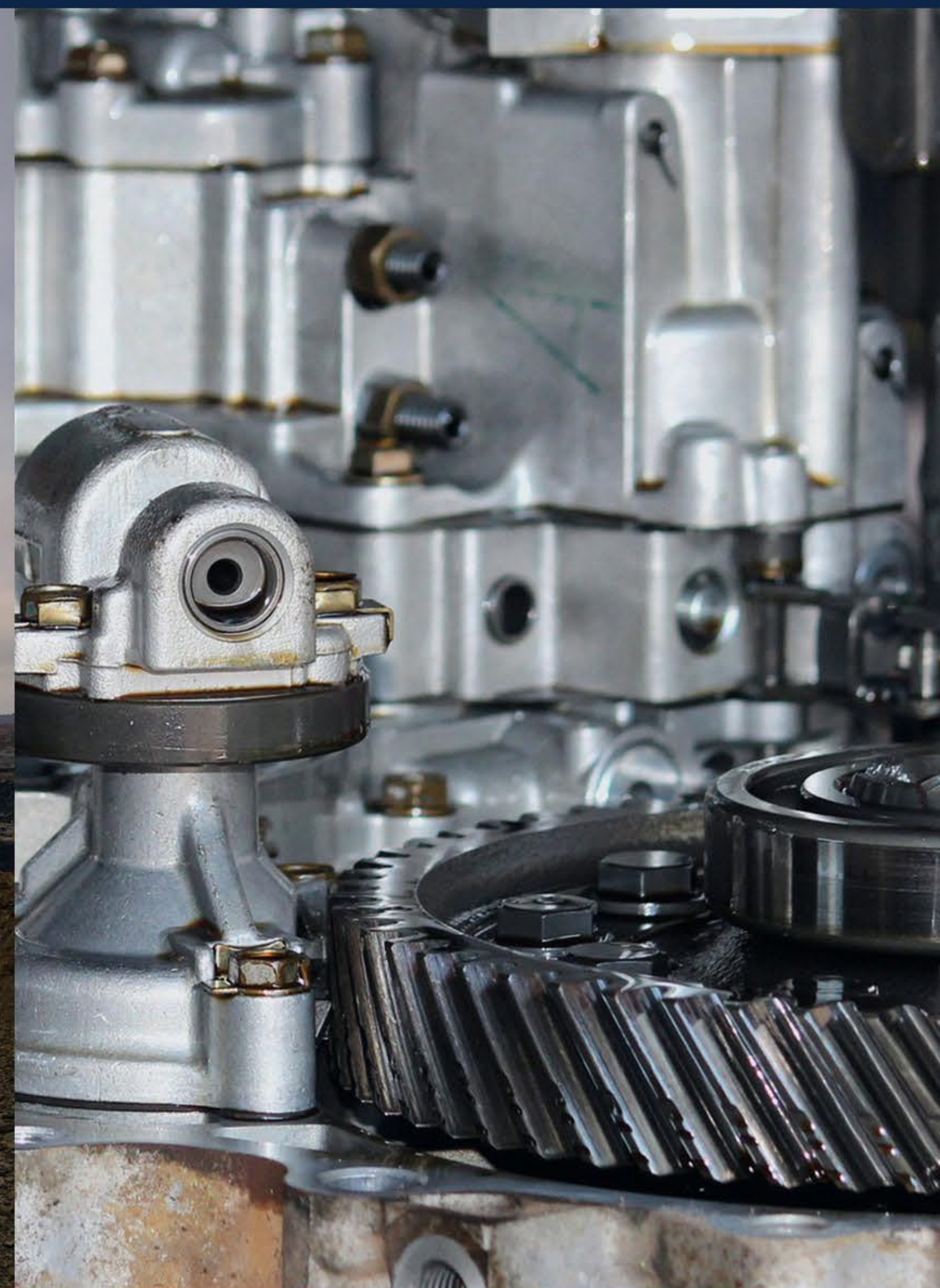


About Us

PT. Arylla Dharma Perkasa is a competitive trading company which is involved in supplying mechanical and electrical power transmission products.

With our experience and qualified engineering skill, we can provide solution to calculate, specify and supply systems that generate mechanical movements by electrical power.

Our main products are induction motor, gearbox, coupling, chain, sprocket, belt, pulley and Inverter. Beside that we also supply various pump and electrical products for industries purpose.



Our Vision

To be the company who understands the customer requirements and offers value added services, solutions to meet & exceed the requirements.

Our Mission

Our mission is to help customers achieve their business objectives by providing them with innovative, best-in quality power transmission products, services and solutions.

Our Brand

Sumitomo Drive Technologies



TRANSEFLUID
trasmissioni industriali

TECO

Martin

YASKAWA

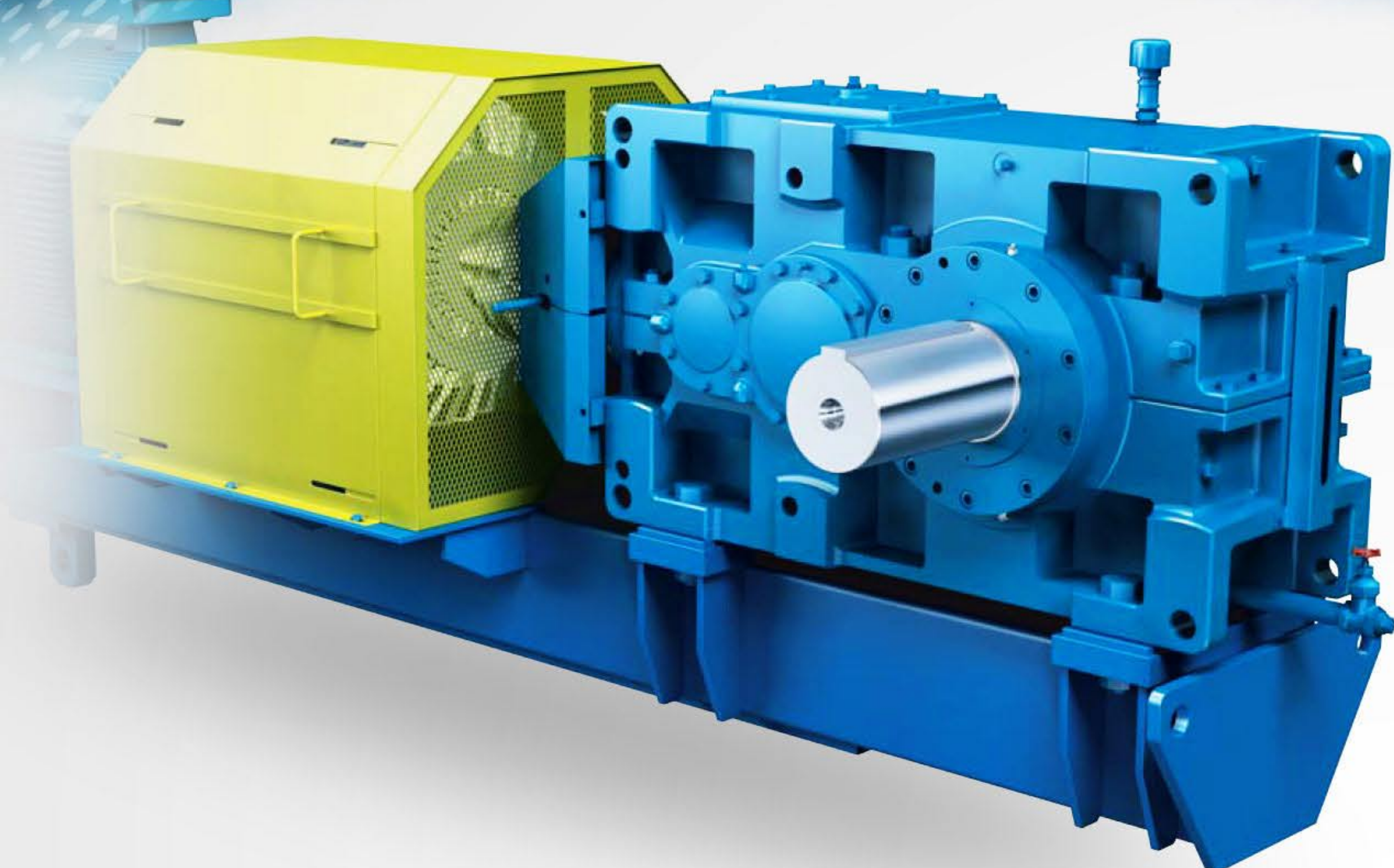


ABB



Our Product :

Reducer



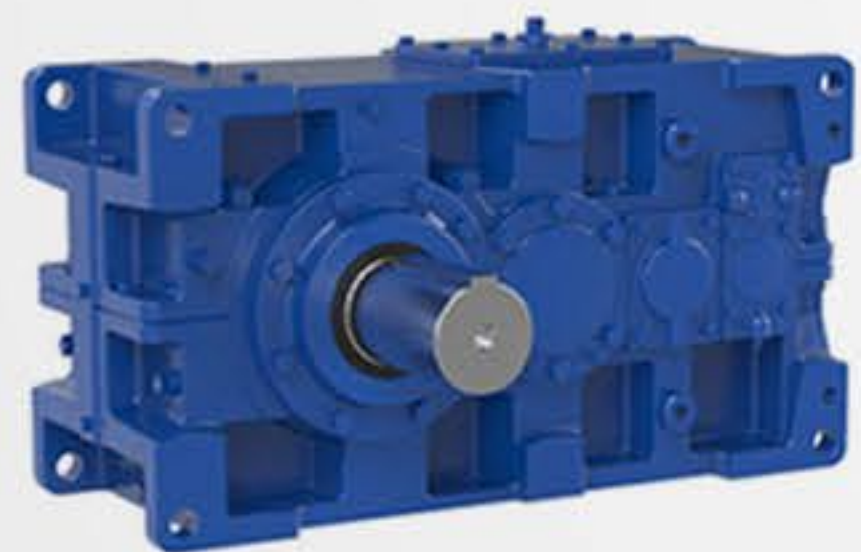
COMPLETE DRIVE PACKAGES

Frequently used in conveyor systems, mill drives, extruders, pumps and various material handling operations, horizontal drive packages consist of a parallel or right-angle gear unit, input and output coupling and an electric motor, mounted on a common bed or baseplate. Other configurations may include lantern housings for flange motors, hydraulic couplings, V-belt transmissions, etc. . . .

Additional features can be incorporated:

- Auxiliary drives may include an in-line or right-angle geared motor connected to the main drive by chain, freewheel or clutch coupling.
- Disc or drum brakes.
- Foot or shaft mounting of the drive package using a hollow shaft or a flange coupling.

SUMITOMO PARAMAX



- Highly functional reducer available in 26 sizes with a wide range of options.
- Features high dedendum strength. Reducer with high load capacity, capable of withstanding strong impact loads.
- Parallel right angle shaft configuration
- Reduction ratio from 6.3 to 500
- Cost efficient solution

SUMITOMO HANSEN P4



- Specific horizontal housing - available in 19 sizes from 6 to 1100 kNm output Torque.
- Parallel or right angle shaft configuration.
- Reduction ratio from 6.3 to 630.
- Service friendly with split plane, inspection cover and maintenance-free sealing system.

SUMITOMO HELICAL SHAFT MOUNT

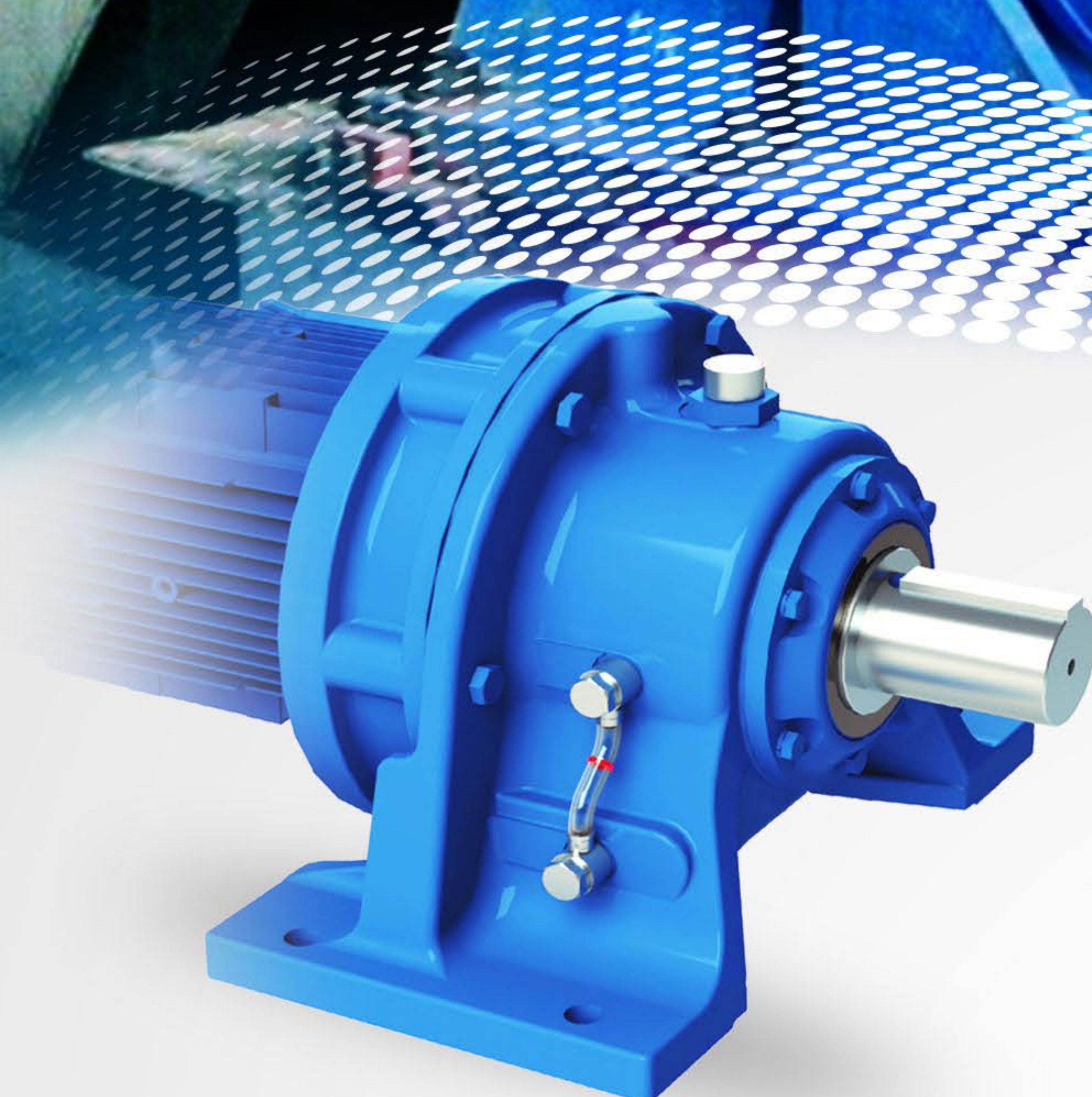


- Keyless Taper-Grip® Bushing
- 25-Degrees Pressure-Angled Gears
- Integrated BackStop Option
- Heavy Duty Roller Bearings for Maximum Strength and Extended Life



Our Product :

Gearmotors



Cyclo® Drive 6000

Sumitomo Cyclo® 6000 speed reducer and gearmotors provide quiet, efficient and reliable performance. With over 500% momentary shock load capacity, Cyclo® is ideal for any of your applications.

- Ratio from 6:1 to 119:1 (single stage – 34 sizes)
104:1 to 7.569:1 & larger (two stages – 56 sizes)
- Torque rating from 7,5 Nm to 68.200 Nm
- Power: 0.12 to 55 kW

Cyclo® Helical Buddybox®



Cyclo® Helical Buddybox® drives combine the advantages of the Cyclo® with helical gears to yield a high torque range in an offset parallel configuration.

- Ratios from 21:1 to 2.599:1
- Torque ratings from 47 Nm to 11.568 Nm
- Power 0.12 to 30 kW

Cyclo® Bevel Buddybox®



The Cyclo® Bevel Buddybox® 4 Series combines the advantages of the Cyclo® drive with bevel gears to yield a high torque range in a right-angle shaft configuration. This yield an extremely robust design with high overload reserves.

- Ratios from 21:1 to 2.599:1
- Torque ratings from 226 Nm to 18.000 Nm
- Power 0.12 to 30 kW

Prest® Neo Gearmotor



Compact Gearmotor with Unparalleled Benefits

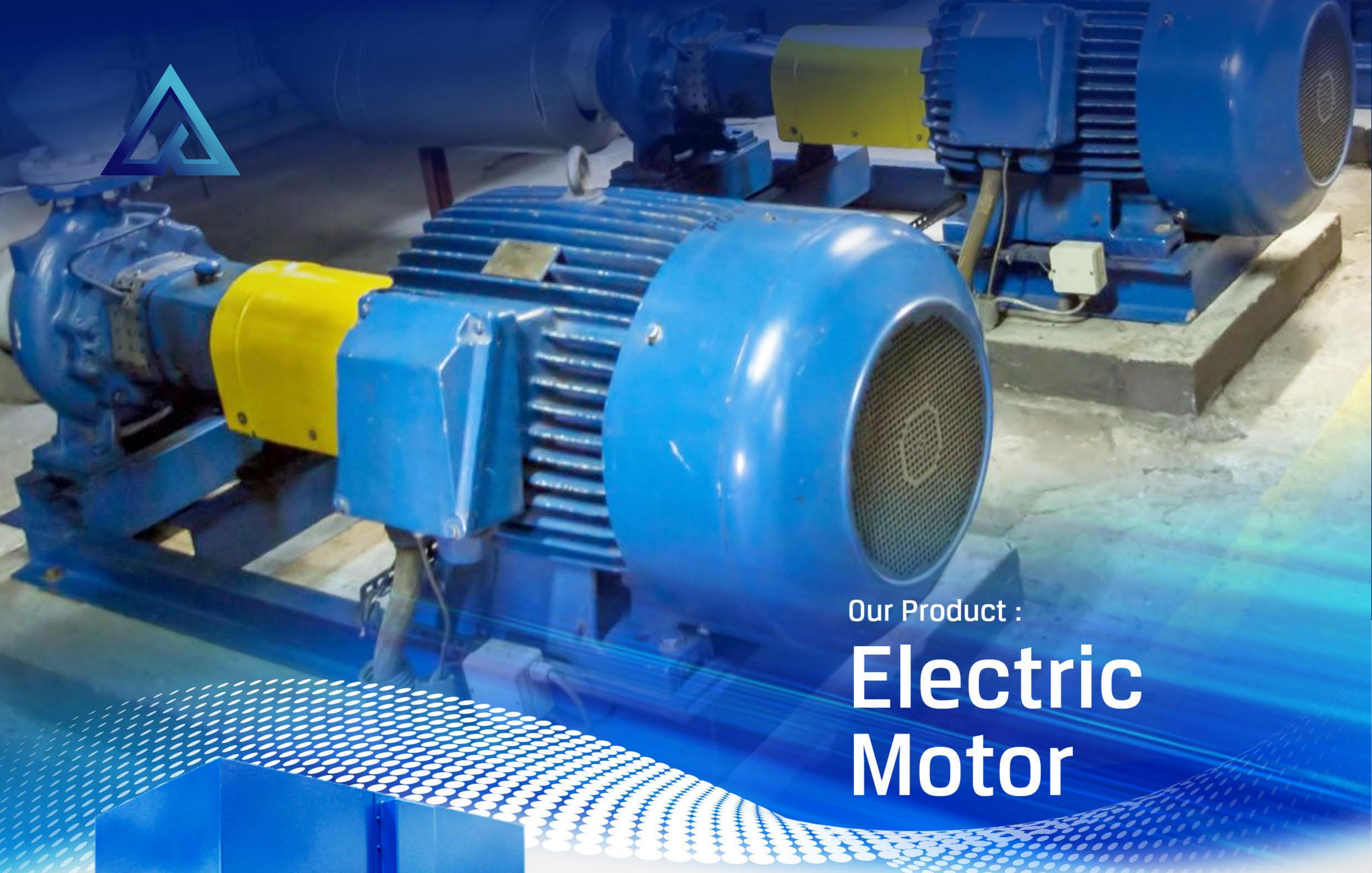
- Universal Mounting, maintenance free, grease lubrication
- Low Noise
- Triple-Lip Seal for Greater Leakage Protection
- Mounting: Foot and Flange
- Ratio: 3:1 to 200:1
- Power range: 0.1 – 2.2 kW

HYPONIC® Gearmotor



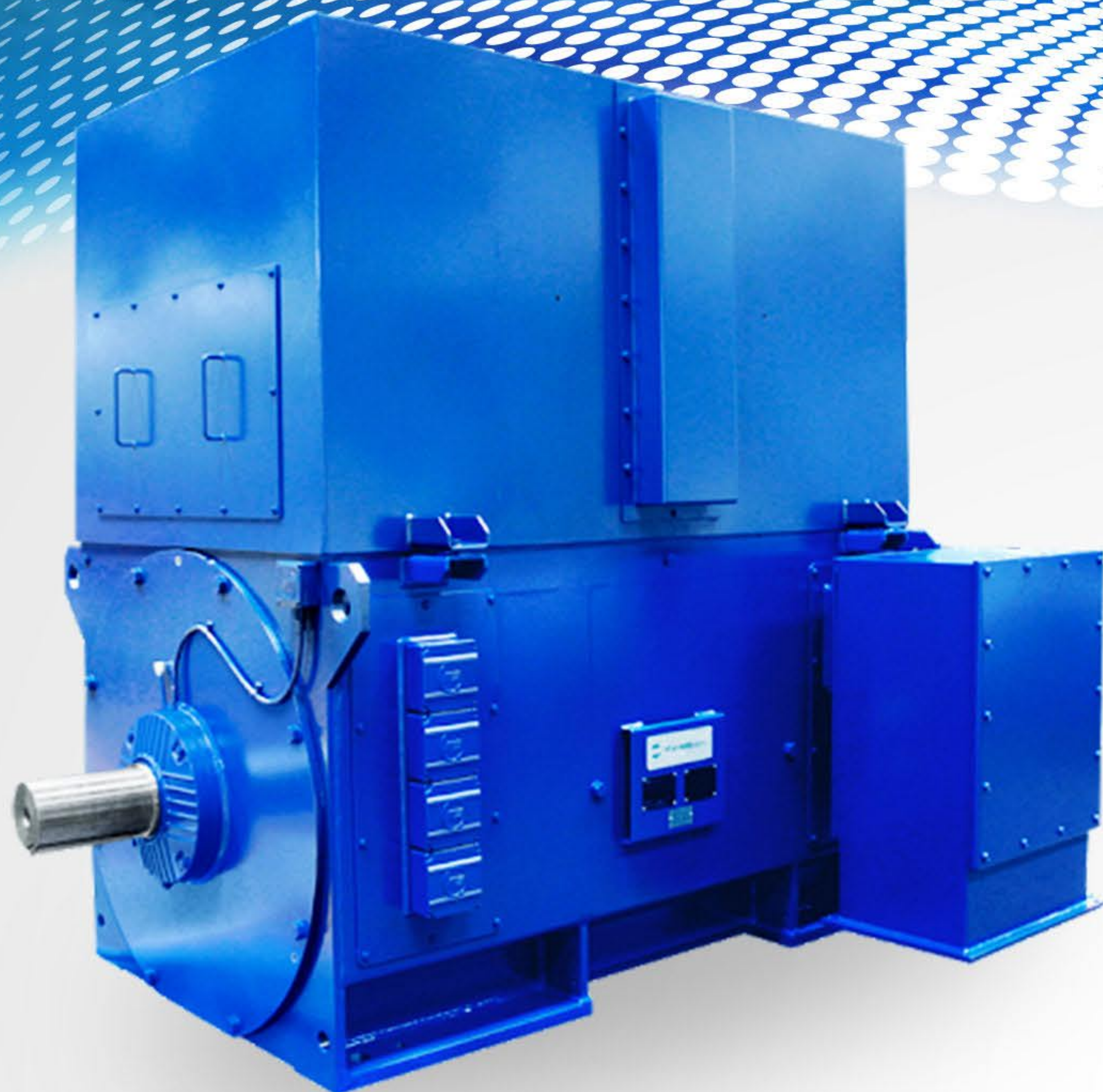
Right angle gearmotor with hypoid gearing :

- A wide range of choices (15 W - 11 kW) to accommodate all types of uses.
- Modular design allows for multiple gearhead and motor combinations for increased service factor.
- A variety of industry packages and options are available, including grease lubrication, antibacterial coating, waterproofing and low temperature requirements.



Our Product :

Electric Motor



Product Specification

- Model : Marelli BW4
- Power : Up to 5.100 kW
- Voltages : Up to 690 V
- Power LV : 300 – 6000 kW
- Power HV/MV : 250 – 5500 kW
- Frame : 355 – 800
- Poles : 4, 6, 8, 10, 12
- IP : IP55
- Enclosure : TEAAC – Totally Enclosed Air to Air Cooled

Main Applications: Cement, Chemical, Manufacturing processes, Metals, Mining, Pulp and Paper, Sugar mill, water pumping and treatments.

Product Specification



- Model : Marelli A6C A5C B6C B5C B5H
- Power : Up to 2.400 kW
- Voltages : Up to 11.000 V
- Model IP55 : LV A6C – B6C – A5C – B5C
MV B5H
- Frame : 71 – 560
- Poles : 2, 4, 6, 8, and 10
- IP : IP56 or IP65
- Enclosure : TEFC – Totally Enclosed Fan Cooled

Main Applications: Cement, Chemical, Manufacturing processes, Metals, Mining, Pulp and Paper, Sugar mill, water pumping and treatments.

Product Specification



TECO 3-phase induction motors Horizontal Foot Mounting / Vertical Mounting Low Voltage Squirrel Cage Induction Motors IEC Standard size.

- Output : 0.55~315kw
- Poles : 2~ 8
- Voltage : 380V, 400V, 415V or others
- Frame Size : 80M~355L
- Enclosure : IP 55
- Efficiency : IE1,IE2,IE3



Our Product :

Coupling & Pulley

Transfluid Coupling

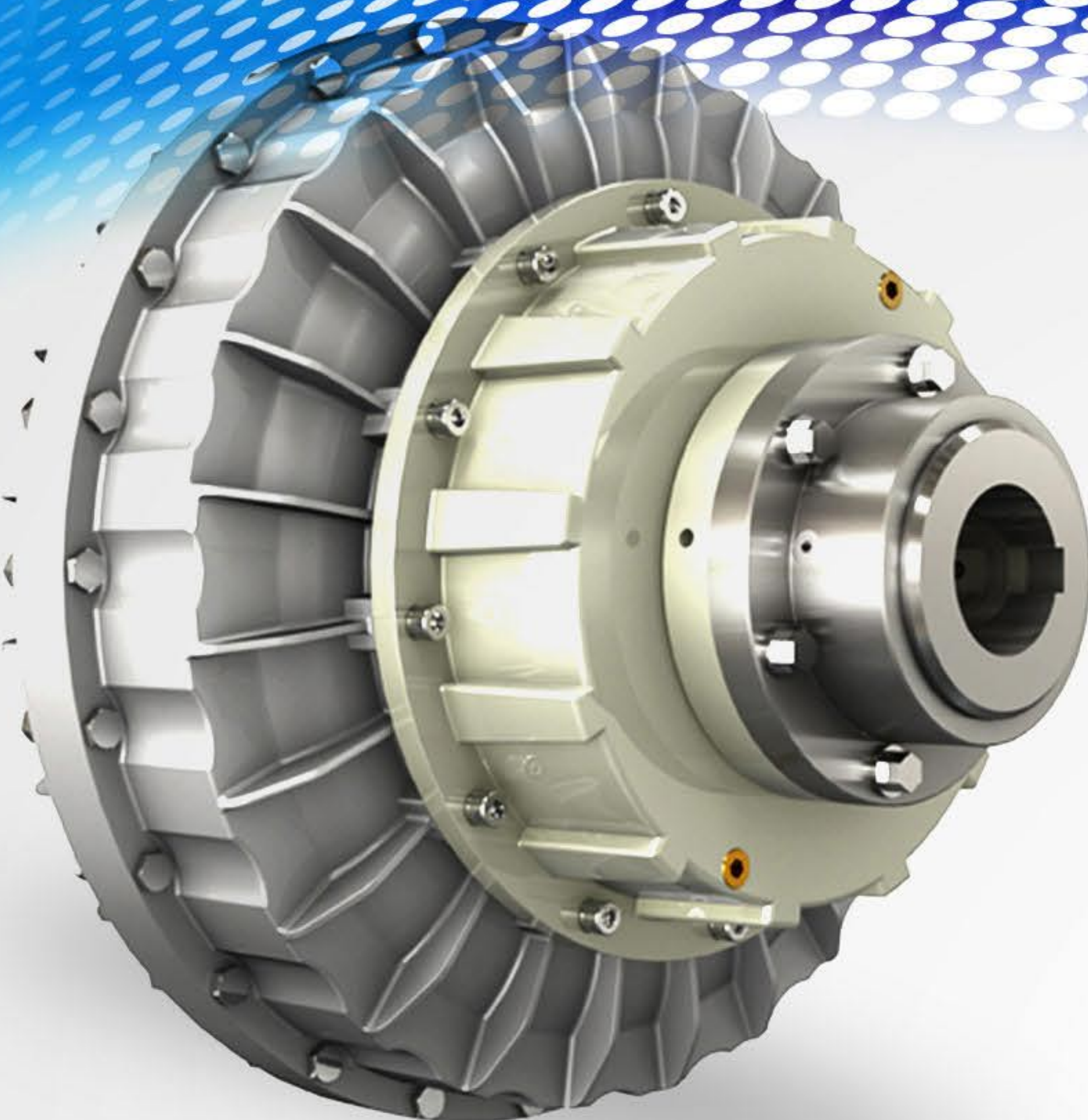
The TRANSFLUID coupling is a hydrokinetic transmission.

The impellers perform like a centrifugal pump and a hydraulic turbine. With an input drive to the pump (e.g. electric motor or Diesel engine) kinetic energy is imparted to the oil in the coupling. The oil moves by centrifugal force across the blades of the turbine towards the outside of the coupling.

Seisa Gear Coupling



Gear coupling that automatically compensates for eccentricity and deflection angle.



Chain Coupling

Chain couplings are utilized to transmit power between two shafts. A complete chain coupling consists of two hubs (or sprockets), one coupling chain, which appears similar to a strand of double roller chain and a cover. Chain couplings are normally utilized in low speed, high torque applications and allow for 2 degrees misalignment between shafts.



Martin-Flex Coupling

Main features :

- For axial, radial and angular misalignments
- Great elastic twist
- Easy assembly
- Fixing with conical bushing.
- Absorption of vibrations and oscillations



Martin Pulley

A pulley is a simple machine that consists of a rope and grooved wheel. The rope fits into the groove in the wheel, and pulling on the rope turns the wheel. Pulleys are generally used to lift objects, especially heavy objects. The object lifted by a pulley is called the load.



Hrc Flexible Coupling

HRC coupling is a flexible coupling that can be used with a wide range of applications. For easy and quick assembling with a Taper Lock Bush, this coupling is the suitable option. For absorbing shock loads, misalignment due to accident, small vibration problems, and others, this HRC coupling is perfect.



Our Product :

Inverter



Yaskawa J1000

So easy to use: just switch it on and you're ready to go. J1000 is fully capable of efficient performance and energy saving, handling variable speed needs in compact applications. A drive that exemplifies true world quality with a difference you can really feel.

- 200 V Class, Three-Phase Input: 0.1 to 5.5 kW
- 200 V Class, Single-Phase Input: 0.1 to 2.2 kW
- 400 V Class, Three-Phase Input: 0.2 to 5.5 kW



Invertek Optidrive E3

Simply power on and Optidrive E3 is up and running, providing precise motor control and energy savings using the factory settings.

- 110 – 480 V, Single and Three Phase Input, 0.37 – 37 kW
- Optidrive E3 is available in a range of IP20 & IP66/NEMA 4X enclosures.



Yaskawa GA700

Yaskawa's GA700 Series offers the best value proposition for industrial applications. The GA700 is the right choice with a compact, flexible, straightforward design by integrating and embedding key AC drive attributes focused on optimized installation and minimized start-up.

- 200 V Class, 0.55 – 110 kW
- 400 V Class, 0.75 – 355 kW



Invertek Optidrive P2

The perfect combination of high performance together with ease of use allows even the most demanding applications to be tackled easily by the Optidrive P2 variable frequency drive.

- 200 – 600 V, Single and Three Phase Input, 0.75 – 250 kW
- Optidrive P2 is available in a range of IP20, IP55 & IP66/NEMA 4X enclosures.

Invertek Optidrive Eco

The Variable Frequency Drive for Fan & Pump Applications

- Eco Vector Motor Control
- Energy Optimised Design
- Internal EMC filter
- Low noise operation
- 200 – 600 V, Single and Three Phase Input, 0.75 – 250 Kw
- Optidrive Eco is available in a range of IP20, IP55 & IP66/NEMA 4X enclosures



Yaskawa E1000

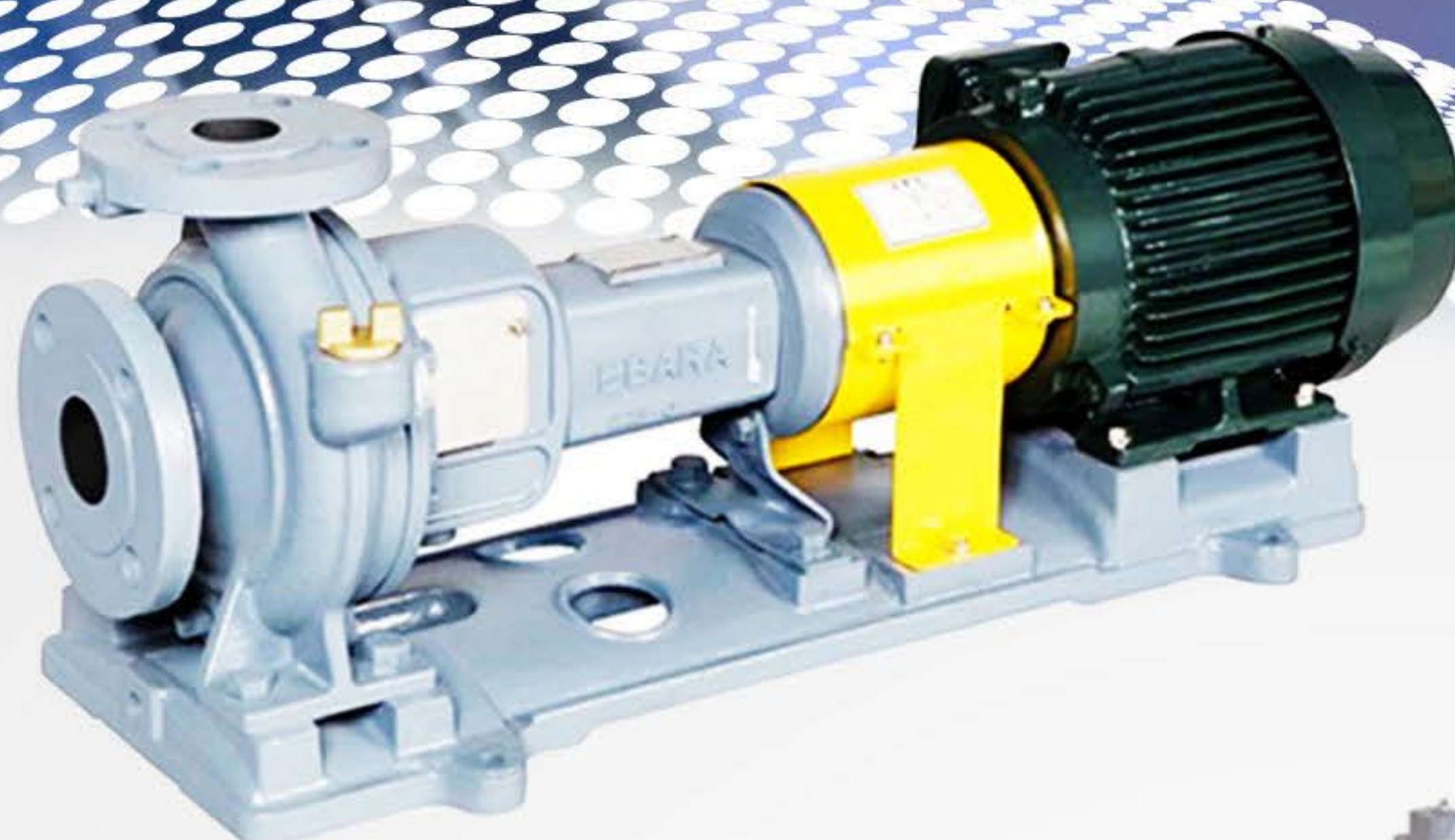
Best Solution for your HVAC, Pump & Fan applications!

- 200 V Class, 0.75 – 110 kW
- 400 V Class, 0.75 – 630 kW



Our Product : Pump

Horizontal Centrifugal Pumps Model FS



- Easy confirm to IEC motor with 2 pole and 4 pole choice.
- BPO (Back Pull Out) type can be disassembled and inspected without removing the suction and discharge piping.
- Top centerline discharge. Foot support under casing for maximum resistance to misalignment and distortion from pipe loads.
- Technical Details:

2 Pole Models

Output : 0.4 ~ 45 kW Caliber : 32x32 ~ 100x80 mm

4 Pole Models

Output : 0.4 ~ 315 kW (50 Hz) Caliber : 40x32 ~ 250x200 mm
0.4 ~ 560 kW (60 Hz)

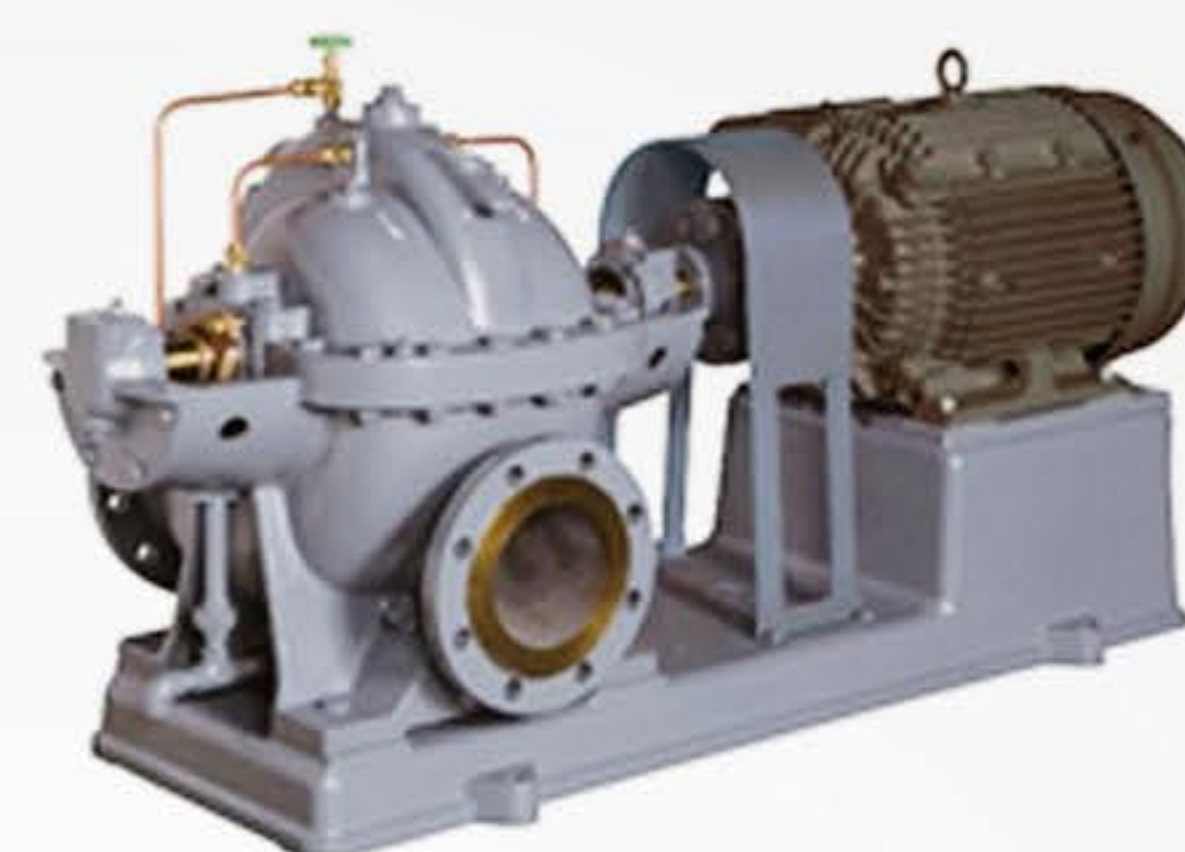
Stainless Steel Centrifugal Pump



End suction centrifugal pumps built in stainless steel AISI 304 (3 Series) and AISI 316L (3L Series) in Compliance with EN 733.

Main features :

- Can also work in vertical position
- Highly resistant construction



Horizontal Centrifugal Pumps Model CW/CC/CN

- Horizontal, single case, Semi-centerline support or foot mount. Axial split Casing, Single-stage. Between bearing. Double suction 1st impeller.
- Capacity : ~31000 m³/h
- Size : Ø150~Ø1800
- Liquid : clear water, industrial water, river water
- Temperature : 0~120°C
- Head : ~100m

Submersible Motor Pump Model DVS



- Semi-vortex impeller permits foreign matter passing sized 40 to 63% of discharge diameter.
- Hydraulic design is optimized raw sewage transfer application for small domestic wastewater treatment plant.
- Built-in motor protector protects the motor from overload or open house.
- Optional quick discharge connector facilitates easy installation and maintenance.

Vertical Multistage Pump EVMS



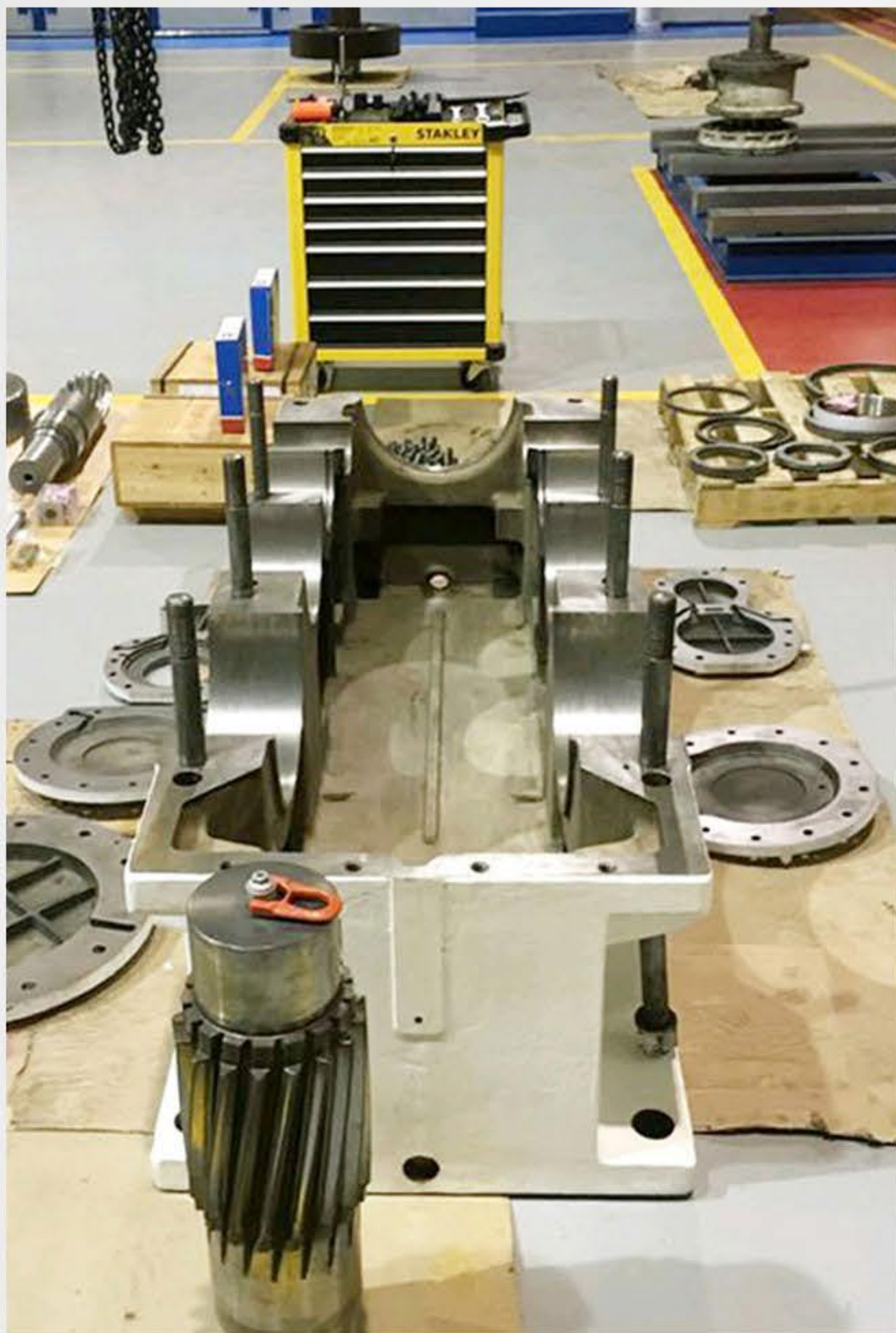
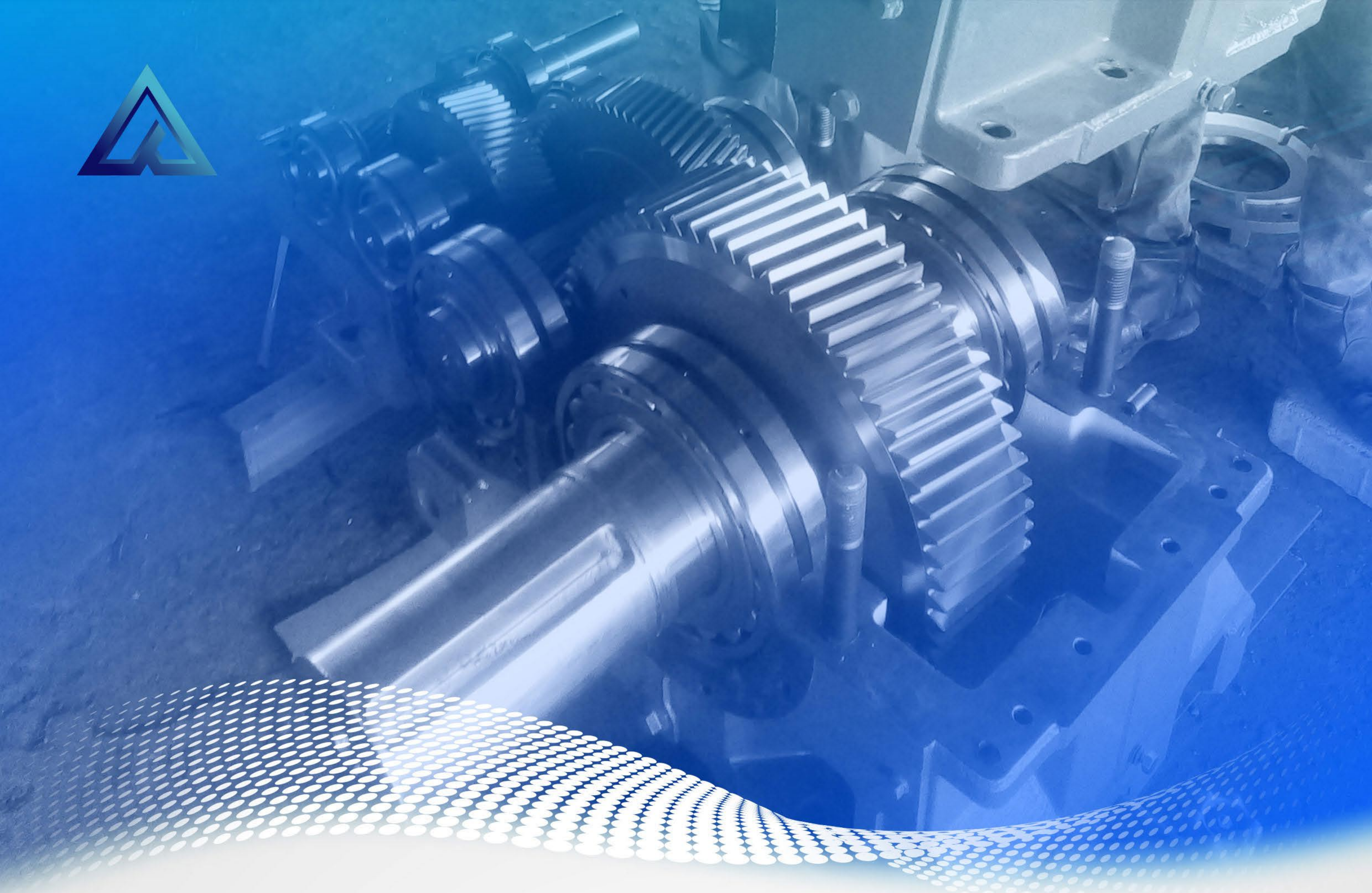
- With initial hydraulic coverage to 100 GPM and 800 feet TDH, the EBARA model EVMS is designed for booster, water purification, and hot water applications.
- The EVMS material is between 50 to 100% thicker than all current similar product offerings, for a true industrial design with cast stainless steel flanges for maximum installation support.



Our Complete Service

We specialize in Gearbox Repair and Upgrade. We have been in business for over 15 years, and have repaired every type of gear for many markets and applications.





COMMISIONING SERVICES

- Trouble-free and smooth production from the very beginning
- All possible mounting errors will be rectified before production starts, thus no unplanned shutdown
- Proper start-up service reduces unnecessary discussion about warranty issues
- Make troubleshooting easier in case of problems in the future due to availed reference vibration data

CONDITION MONITORING SERVICE

- Condition of drive components like internal gearings & bearings and etc
- Condition of both HSS & LSS couplings
- The necessity for re-alignments, rebuild of foundation or leakage repairs & etc
- Estimation of drive's lifetime expectant

TROUBLESHOOTING SERVICE

- The behavior of the drive during operation
- Original condition of the drive compared to the current condition
- All possible root causes for the problems
- Estimation of the drives expected lifetime

REPAIR SERVICE

- Re-condition gearbox and motor.



PT. ARYLLA DHARMA PERKASA

INDUSTRIAL POWER TRANSMISSION SPECIALIST

BSD GREEN OFFICE PARK – MY REPUBLIC PLAZA, WING A, ZONA 6

Jl. BSD Grand Boulevard, BSD City

Tangerang, Banten 15345

Phone . 021.29608320

Email . info@arylla.co.id

www.arylla.co.id