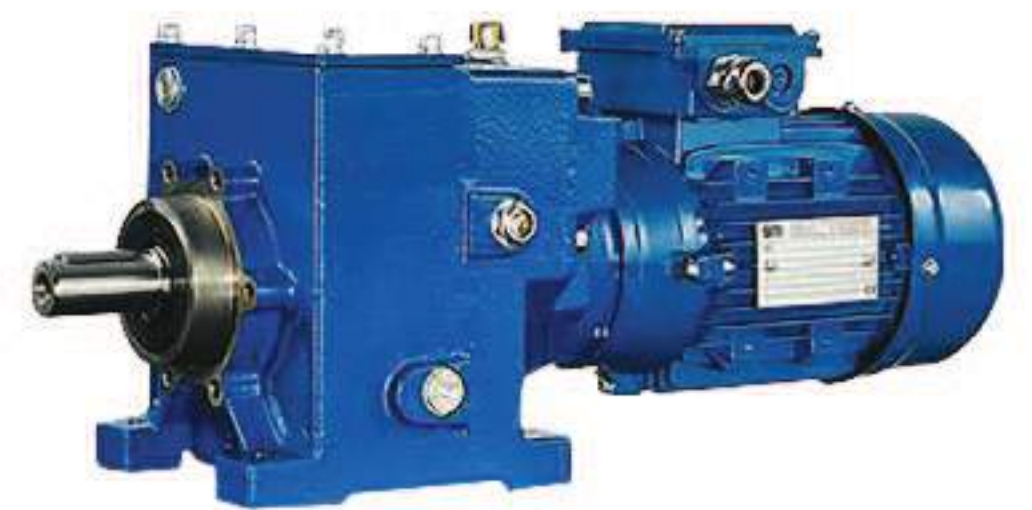
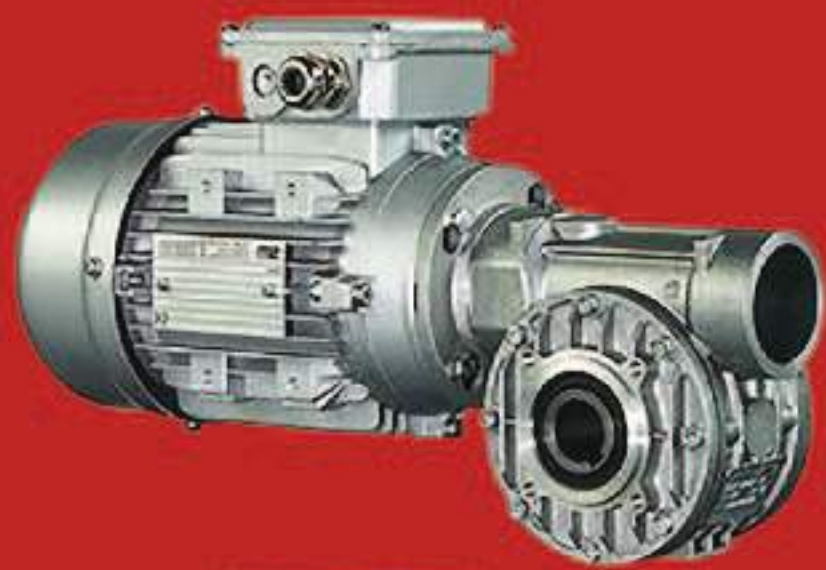




Pokhara Hard & Elect Ware Trdg. L.L.C.

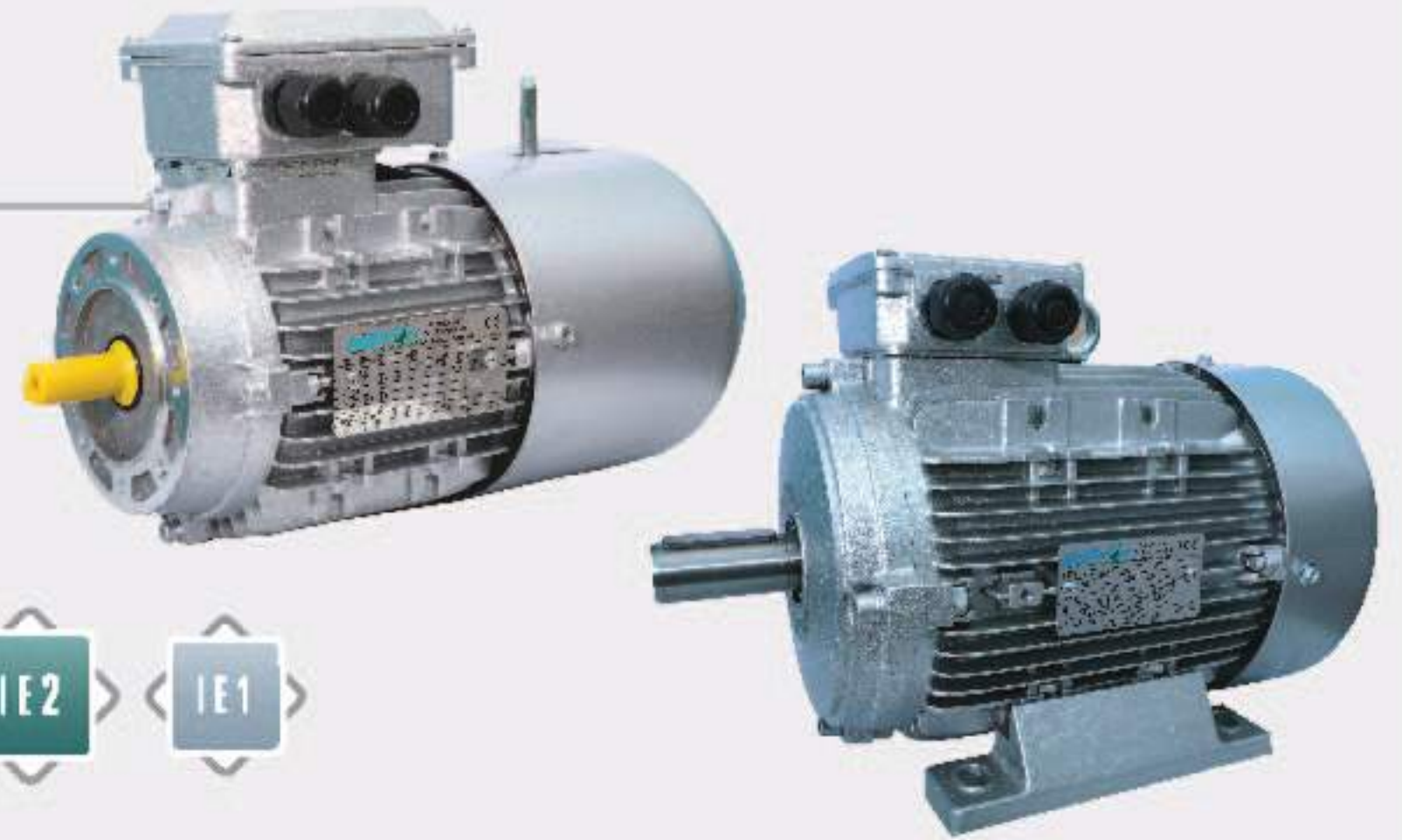
PRODUCT OVERVIEW



Aluminium Electric Motors

Single & Three Phase

- Capacity from 0.06KW - 11KW
- Modular foot (Removable Foot)
- Winding: 100% Copper
- Bearings – **SKF**
- Thermistor Device PTC



Cast Iron Electric Motors / Double Speed Motors

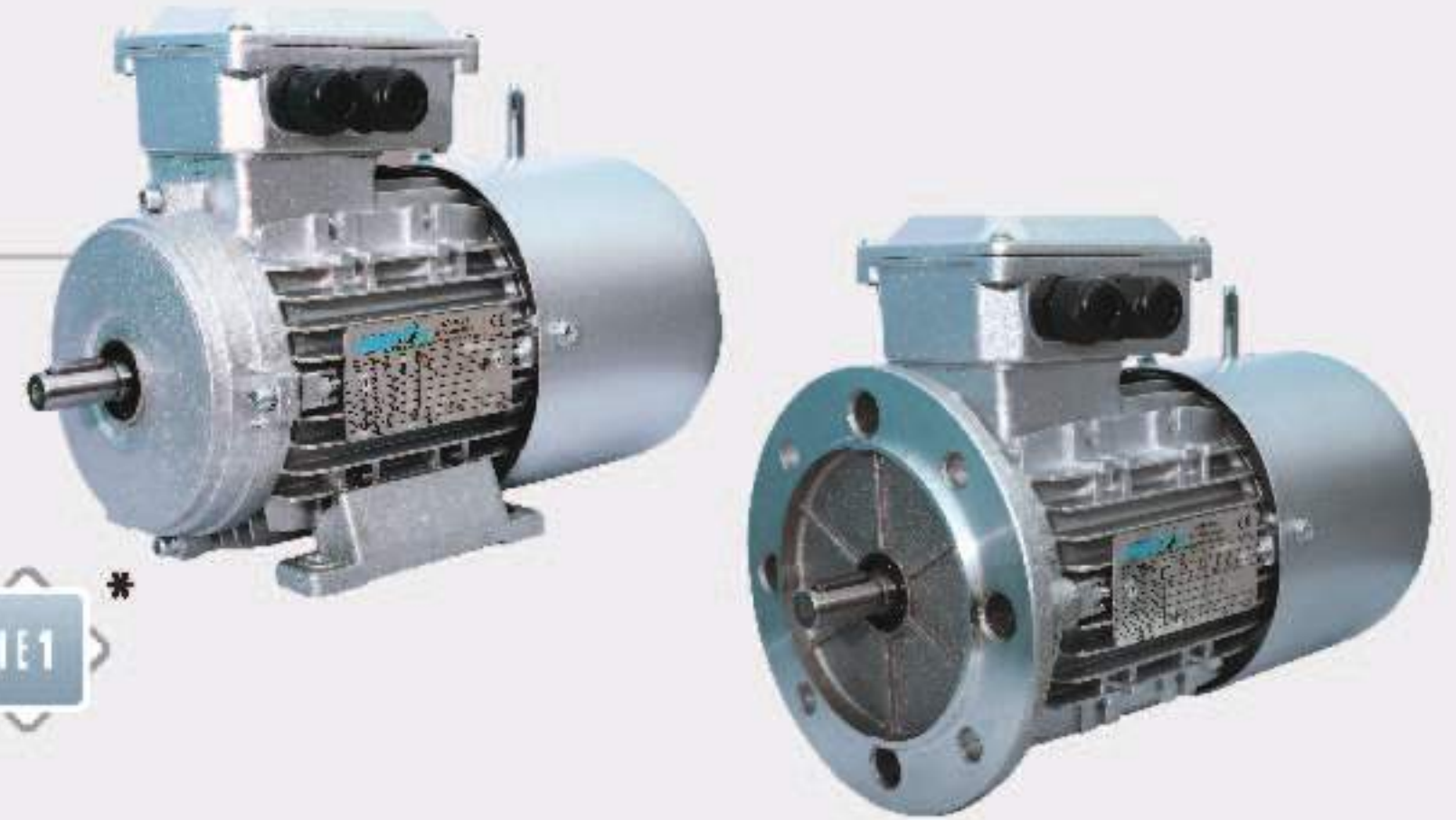
- Capacity from 11KW - 355KW
- Built in Feet
- Winding: 100% Copper
- Open Bearing (re-greaseable) **SKF**
- Thermistor Device PTC



High Torque Electromagnetic DC Brake Motor

Brake: INTORQ Germany

- Capacity from 0.06KW - 37KW
- Modular Feet (frame 63 – 132)
- Built in Feet (frame 160-250)
- Winding: 100% Copper
- Bearing **SKF**
- Thermistor Device PTC



High / Premium Efficiency Flameproof Three Phase Electric Motor

- Capacity from 0.12KW - 355KW
- Winding: 100% Copper
- Bearing **SKF**
- Thermistor Device PTC





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SITI NHL-MNHL Series Inline Helical Gearboxes

High Versatility

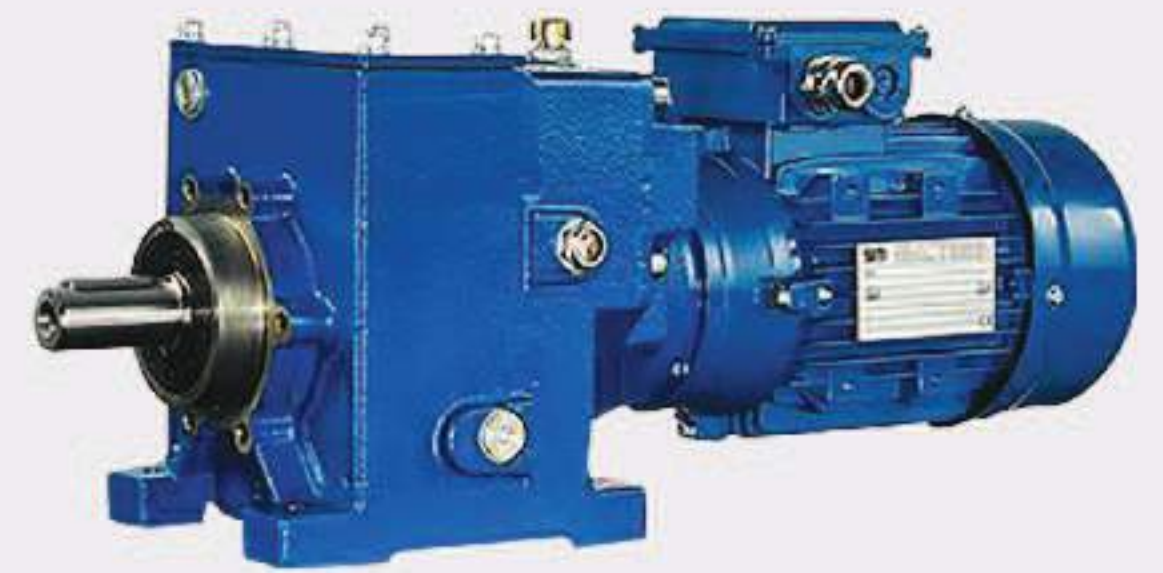
- 10 sizes with 3 input versions.
- Wide range of different mounting positions.
- Integral geared motor construction, for use in restricted space.

High Performances

Max input power 210 kW., Max torque 12000 Nm., Ratios up to 1/466.

High Reliability

Sturdy cast iron housing for heavy duty applications.
High resistant gears made in top quality steel.
Largely proportioned bearings.



SITI BH-MBH Series Bevel Helical Gearboxes

High Modularity

- Modular design with simple subgroups for easy ratio replacement
- Foot or Flange Mounting Position

High Versatility

- 8 Sizes with 4 input versions
- Wide range of different Mounting Positions
- Integral Geared Motor construction suitable for use in restricted space area.

High Performances

- Max Input Power 291 kW
- Max Torque 14000 Nm
- Ratios up to 1/226

High Reliability

- Strengthened Casing for Heavy Duty Applications
- High Resistant Gears made in an excellent material
- Largely proportioned Bearings Inside Gearbox to prevent overheating
- High Quality Sealing for improved Leaking Prevention.



SITI RP2- Series Shaft Mounted Gearboxes

High Versatility

- 7 Sizes
- Wide range of possible Mounting Positions

High Performances

- Power 1.9 kW to 108kW
- Max Torque 6876 Nm
- Ratios up to 1/30

High Reliability

- Strengthened Casing for Heavy Duty Applications
- High Resistant Gears made in top quality Steel
- Largely proportioned Bearings Inside Gearbox to prevent overheating





SITI MI – MU Series Worm Gearboxes

High Versatility

7 sizes with wide range of different mounting positions.

High Performances

- Max input power 17.7 kW.
- Max torque 885 Nm.
- Ratios up to 1/100.

High Reliability

Housing built in pressure die casting aluminum, designed in order to guarantee lightness, strength and stiffness.

In the size 30, housing in Nylon PA 6,6 GF 30 for aggressive environments. „ZI” teeth profile on worm and worm wheels for a silent working without vibrations.



SITI PD-MPD Series Shaft Mounted Gearboxes

Advantages of SITI SHAFT MOUNTED HELICAL GEARBOX MPD Series

High Versatility

- 10 Sizes
- Wide range of different Mounting Positions

High Performances

- Power 0.75kW to 83kW
- Max Torque 4015 Nm
- Ratios up to 1/118

High Reliability

- Strengthened Casing for Heavy Duty Applications
- High Resistant Gears made in top quality Steel
- Largely proportioned Bearings Inside Gearbox to prevent overheating
- High Quality sealing for improved Leaking Prevention.



SITI NRG Series Planetary Gearboxes

High Modularity

- Modular design with compact subgroups, for easy ratio replacement (up to 4 reduction stages).

High Versatility

replacement (up to 4 reduction stages).

High Versatility

- 6 sizes with 4 input and 4 output configurations.
- 2 output support connections:
 - o SM (standard)
 - o SMR (high load)
- 3 options of mounting positions:
 - o Direct
 - o FM (foot-mounting)
 - o FL (flange-mounting)

High Performances

- Max input power 200 kW.
- Max torque 25000 Nm.
- Ratios up to 1/3657.

High Reliability

- Sturdy cast iron housing for heavy duty applications.
- High resistant gears made in top quality steel.
- Largely proportioned bearings.
- High quality sealing for improved leaking prevention.



SITI MK Series Mechanical Speed Variator

High Modularity

- Matched with a large range of gearboxes, they are suitable to modular assembling of flanges, feet and torque arms.

High Versatility

- 7 sizes, more than 200 versions, with wide range of different mounting positions.

High Performances

- Max input power 11 kW.
- Max torque 3000 Nm.
- With the differential device, output speed can be brought to "zero" speed, when the motor is running.

High Reliability

- Sturdy cast iron housing for heavy duty applications.
- Planets and races are made in special steel 100Cr6 and are in oil bath, that guarantee the best conditions of transmission of the motion by friction.





SITI R Series Right Angle Helical Gearboxes

High Versatility

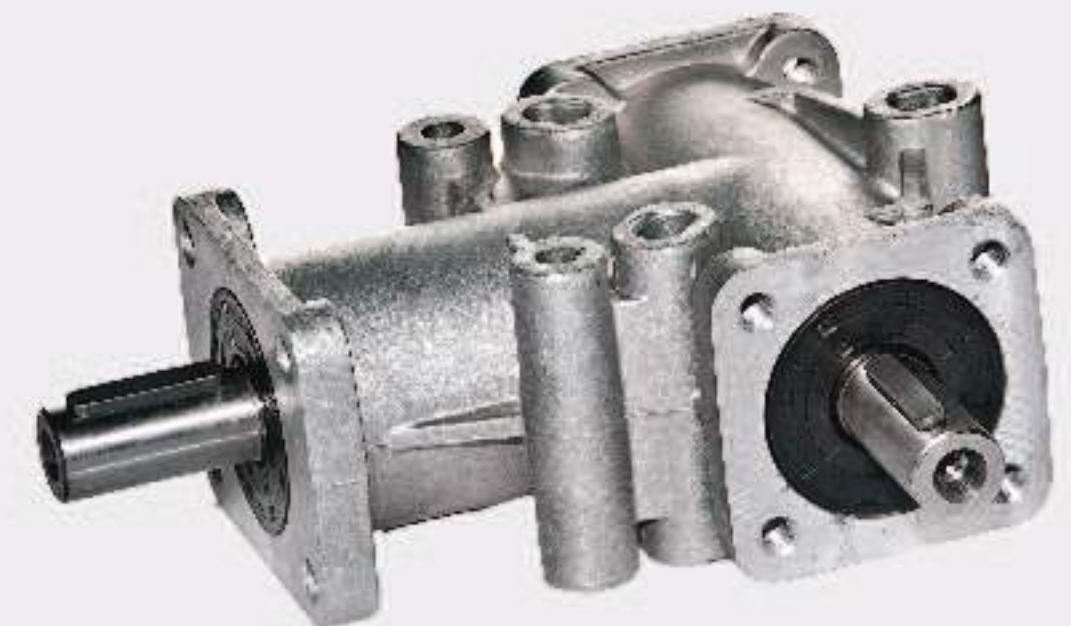
- 4 Sizes with three different configurations
- Wide range of different Mounting Positions

High Performances

- Power up to 8 kW
- Max Torque 35 Nm
- Ratios up to 3/1

High Reliability

- Die-Cast Aluminium Housing designed to guarantee lightness, strength and rigidity
- High Resistant Gears made in top quality Steel and Highly Resistant Stainless Steel



A - Helical bevel gear motor

Technical data

Torque Range: 100 Nm... 14.000 Nm

Mechanical Rating ($n_1= 1400 \text{ min}^{-1}$): 0,22 ... 150 kW

Gear ratios: 5.4 ... 1715

Output Configuration

Foot and Shaft mount - Two Bore Options per Size

Keyless Shrink Disc Fitting, Metric or Inch series Solid Output shaft, Adapter bushings matching more shaft diameters, Splined hollow shaft to DIN 5480

Input Configurations

IEC and NEMA motor Adaptors
Servomotor adaptors
Metric or Inch series Solid Input Shaft



C - Helical gear motor

Technical data

Torque Range: 45 Nm... 12.000 Nm

Mechanical Rating ($n_1= 1400 \text{ min}^{-1}$): 0,08 kW ... 213 kW,

Gear ratios: 2,6 ... 1481

Output Configuration

Foot and Flange mount
Metric or Inch series Solid Output shaft

Input Configurations

IEC and NEMA motor Adaptors
Metric or Inch series Solid Output shaft



311 / 313 Trasmital Bonfiglioli Mixer Gearbox

Technical data

Torque Range: 1000 ... 1.100.000 Nm

Transmissible Mechanical Power : up to 1050 kW

Gear Ratios : 3,4 : 5.000

Gear Unit Versions: In line

Right angle (with a spiral bevel gear set)

Output Configuration

Foot and flange mounted
Output shaft: solid with key, splined, splined hollow, hollow with shrink disc

Input Configurations

Flanged axial piston hydraulic motors
Hydraulic orbit motors
IEC and Nema motor adaptors
Solid Input shaft





AWG Series Worm Gearbox / Gear Reducer

Technical data

Gearbox Model: AWG25.....AWG150
Ratio (i): 5.....5000
Motor Capacity (KW): 0.09.....15KW

Nominal Torque(NM): 2.5 N.M.....1600N.M
Output Shaft size: 14mm.....50mm
Output shaft type: Hollow, Solid (single/double)



AR Series Inline Helical Gearmotor

Technical data

Gearmotor Model: AR17167
Ratio (i): 3.83.....289.74
Motor Power (KW): 0.18.....160KW

Nominal Torque (NM): 80N.M18000N.M
Output Shaft size: 20mm.....120mm



AK Series Bevel Helical Gearmotor

Technical data

Gearmotor Model: AK37 AK187
Ratio (i): 5.36.....192.18
Motor Power (KW): 0.18kw..... 200kw

Nominal Torque (NM): 200N.M.... 50000N.M
Output Shaft size: 25mm.....160mm
Output shaft type: Hollow, Solid (single/double), Shrink Disc



AF Series Shaft Mounted Helical Gearmotor

Technical data

Gearbox Model: AF37.....AF157
Ratio (i): 4.07.....205
Motor Capacity (KW): 0.18.....200KW

Nominal Torque(NM): 200 N.M.....18000N.M
Output Shaft size: 25mm.....120mm
Output shaft type: Hollow, Solid (single/double)



Electric Motor

Technical data

Direct Gearbox Connect & IEC Electric motors
Standard, Explosion proof, AC/DC Brake Motors

Available Motor Capacity:
Direct connect for Helical: 0.09kw ... 110Kw
IEC Standard for Worm Gearbox: 0.09...7.5kw





We Supply, Repairing, Installation, Programming, onsite works of

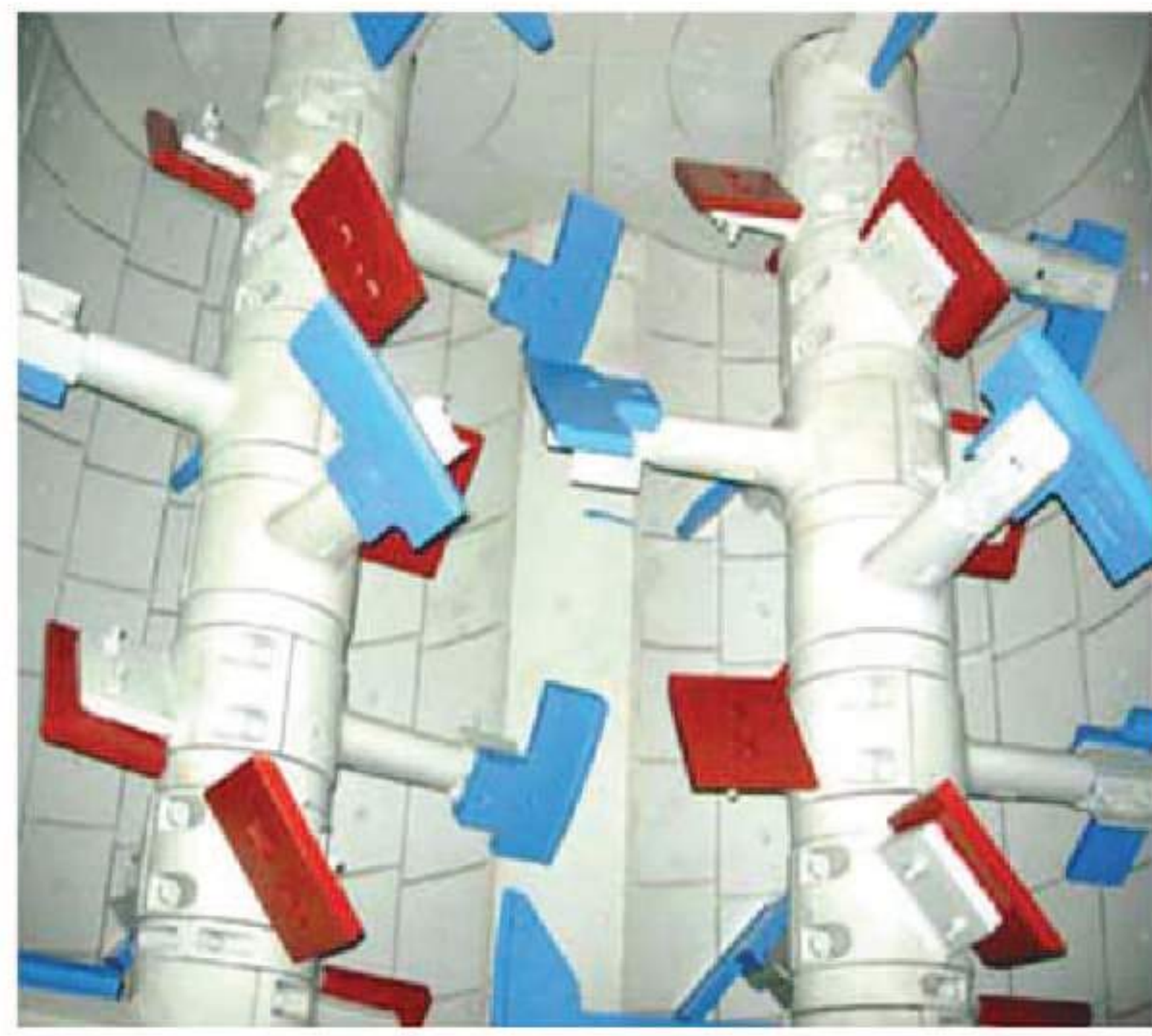
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