



COMPANY **PROFILE**

20
26

MV POWER DRIVE[®]



Table of **CONTENTS**

About Our Company	01-02
Vision & Mission	03
Our Core Values	04
Our Valued Clients	05-06
Product Catalogue	07-



ABOUT OUR COMPANY

MV Power Drive (Formerly Moto Vario Lahore) is forming its significant mark in the competitive field of BRAND-NEW GEAR MOTORS DRIVES supply-ship since June 2015.

In 2015, MV Power Drive (Formerly Moto Vario Lahore) was started focusing on giving multiple and reliable products & solutions under one roof to the emerging and top-notch industries of Pakistan.

MV Power Drive is in strategic alliance with world leading industrial equipment and parts manufacturers that enables as well as equips MV Power Drive to deliver top of the range industrial products and quality solutions to a vast range of clientage while fulfilling its commitment to serve.

MV Power Drive also deals in all types of Gear Motors Drives including the globally known brands, Electric Motors in accordance with the needs of the clients.

We mostly have everything purchasable in the ready stock, and special orders can be imported too for the concerned parties.



MISSION & VISION

With the ongoing industrial boom of emerging industries in Pakistan, the customers are seeking reliable suppliers for comfortable approach from contract to operations. We believe in bracing robust long-term relationships with our clients by supplying the best of these products in the market on most competitive prices. And currently we are aiming to serve industries of every sector across Pakistan.

After establishing our expertise and reputation in the local market, we are now concentrating on expanding globally while maintaining solid ties with our existing clients in order to become the most valuable and trusted partner as well as supplier for our stakeholders.



OUR CORE VALES



Keep learning and adapting to the new technologies.



Customer Satisfaction and Quality Assurance are our leading goals.



We care for your business just like ours.



Honest and transparent services.



Committed to delivering the best.



We continuously invest in training and development to stay at the forefront of industry knowledge.



OUR VALUED
CLIENTS
2015-2026





PRODUCT CATALOGUE



Torque ranges from
1.9-2693N.m

Medium Reduction Motors



Voltage Types: (AC) Single Phase(220V), Three Phase (220V, 380V/440V)

Motor Types: Permanent Magnet Motors, Synchronous Motors, Three Phase Motors with Brake

Motor Speed: 4Pole; 1400RPM

Power Range:100W-7500W

Ratio Range: 1:3~200

Torque: 1.9-2693N.m

Body Material: Aluminum



Micro Reduction Motors



Speed Controllers

Voltage Types: DC Motors (12V,24V), (AC) Single Phase(220V), Three Phase (220V, 380V/440V)

Motor Type: With/Without Brake, Speed Controlled/Fixed Rpm's Motors

Power Range: 10W-300W

Ratio Range: 1:3~200

Controllers: Digital Panel Controller, Panel Speed Controller, Multi-Function Speed Controller

Body Material: Aluminum

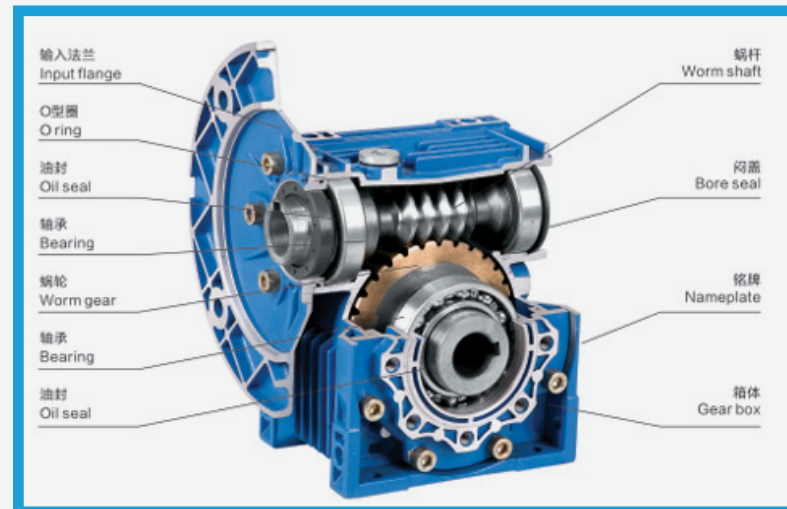
Stepper Motors and Servo Motors



Main Products:

- ① Two-phase digital stepper driver (Mini series driver; spontaneous pulse driver)
- ② Three-phase digital stepper driver
- ③ Closed-loop stepper driver (two-phase, three-phase, digital display)
- ④ Bus-controlled stepper driver (RS485, CANopen, EtherCAT)
- ⑤ AC/DC Servo Drive (100W~7.5KW)
- ⑥ Open-loop/closed-loop integrated machine

Worm Gears NMRV Series



Body Material: Aluminum

Worm wheels Materials: Tin Bronze, Aluminum Bronze

Body Sizes: 25, 30, 40, 50, 63, 75, 90, 110, 130, 150

Torque: 2.6~1760N.m

Single Gear Standard Ratios: 1:5, 1:7.5, 1:10, 1:15, 1:20, 1:25, 1:30, 1:40, 1:50, 1:60, 1:80, 1:100

Power range: 0.06kW~15kW

Motor Speed: 2800RPM, 1400RPM, 900RPM

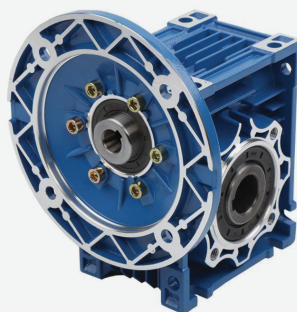
Motor Types: Permanent Magnet Motors, Synchronous Motors, Three Phase Motors with Brake

Voltage Types: (AC) Single Phase(220V), Three Phase (220V, 380V/440V)

Worm Gears NMRV Series



NMRV with
flange B5



NMRV with
flange B5



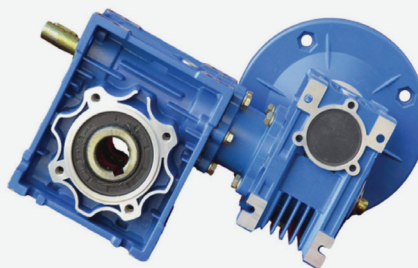
NMRV with
Semi-Flange B14



NMRV with
output Flange



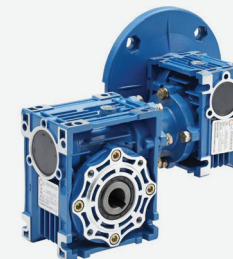
NMRV for
Servo Motor



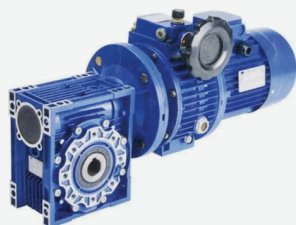
NMRV
Double Gear



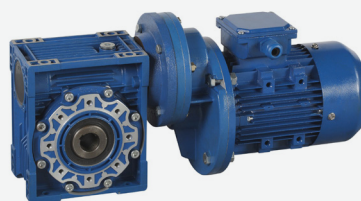
NMRV
Double Gear



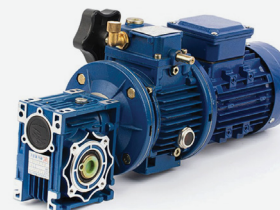
NMRV
Double Gear



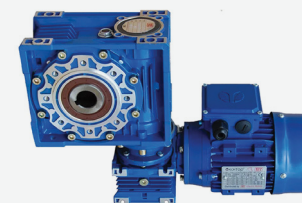
NMRV
Variable Speed



NMRV Inline
Double Reduction

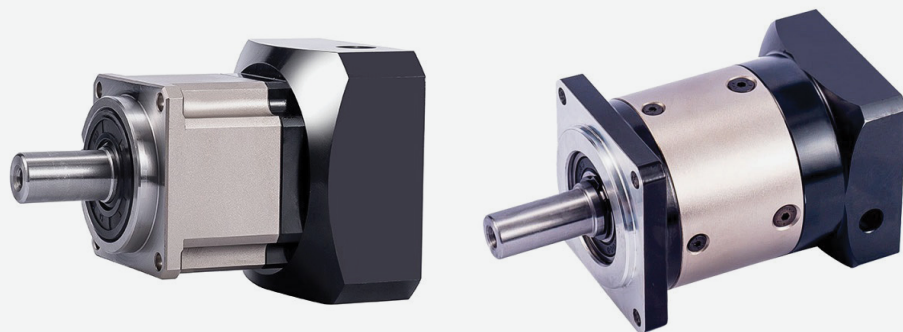
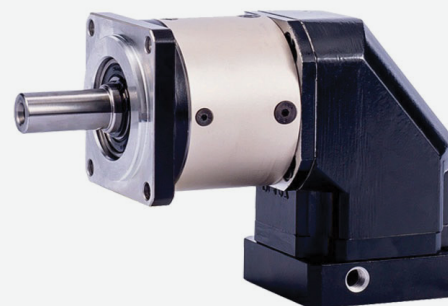
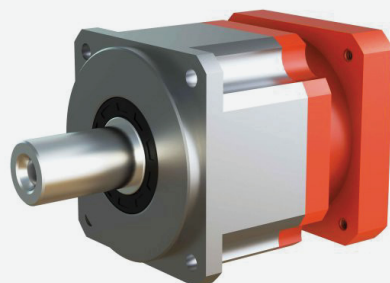


NMRV
Variable Speed



NMRV
Double Gear

Planetary Gearboxes



Size: 42 / 60 / 80 / 115 / 142 (mm)

Ratio: 3~200

Maximum input speed: 10000 rpm

Backlash:

stage 1 (ratio 3-20): $P2 \leq 16$ arcmin

stage 2 (ratio 15-200): $P2 \leq 18$ arcmin

Noise level: ≤ 73 dB

IP Grade: IP54

Life span: 10000h

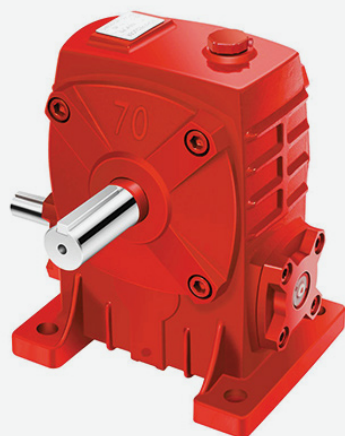
Applications

Automation industry, industrial robots, metallurgy and mining, tobacco, light industry, environmental protection engineering, warehousing and logistics, plastic machinery, lifting transportation, automated car-parking system, automobile manufacturing, textiles, food, beverages, ceramics and other fields.

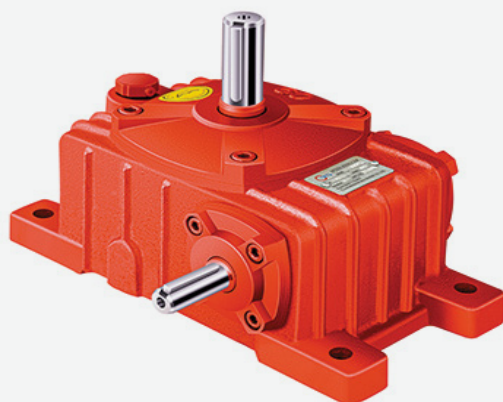
Rotary Platform



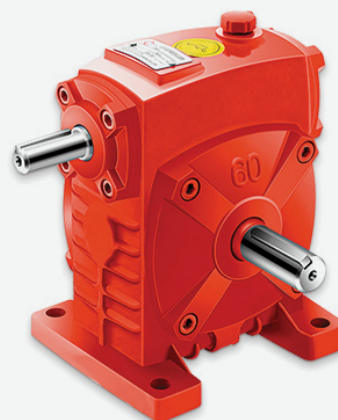
Worm Gears WP Series



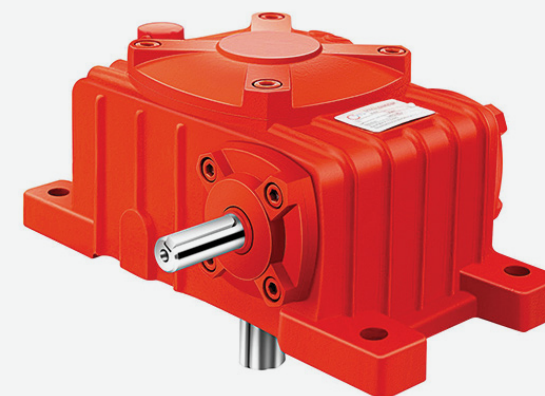
WPA



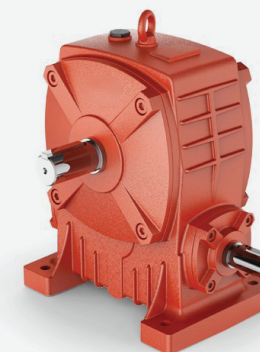
WPO



WPS



WPX



WPA



WPAD

Body/Housing Material: Cast Iron Body

Worm wheels Materials: Tin Bronze, Aluminum Bronze, Copper-9-4#

Surface Hardness: 56-62HRC

Shaft: Chromium Steel-45#

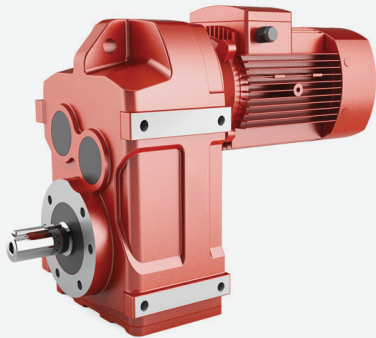
Input Power: 0.06KW to 15KW

Body Sizes: 40, 50, 60, 70, 80, 100, 120, 135, 147, 155, 175, 200, 250

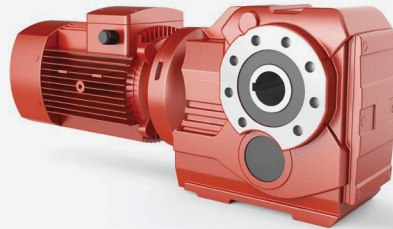
Single Gear Standard Ratios: 1:5, 1:10, 1:15, 1:20, 1:25, 1:30, 1:40, 1:50, 1:60, 1:70, 1:80, 1:100

Double Gear Ratios: 1:200~900

K R S & F Series Helical Gear Reducer



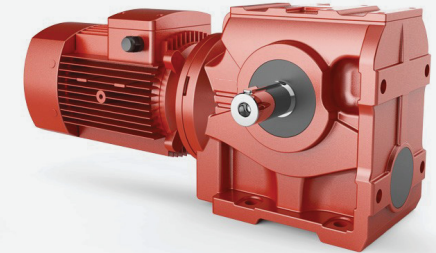
F – Series Parallel
Shaft Helical Gear Reducer



K – Series Helical
Babel Gear Reducer



R – Series Helical
Gear Reducer



S – Series Helical
Worm Gear Reducer

Voltage Types: (AC) Single Phase(220V), Three Phase (220V, 380V/440V)

Motor Types: Permanent Magnet Motors, Synchronous Motors,
Three Phase Motors with Brake

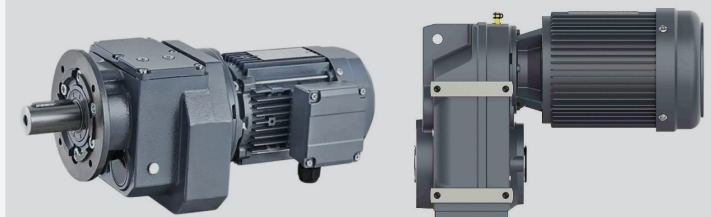
Motor Speed: 4Pole; 1400RPM

Power Range: 0.18kW–200kW

Ratio Range: Wide Reduction Ratio

Torque: High Torque

Body Material: Aluminum, Cast Iron depends on availability

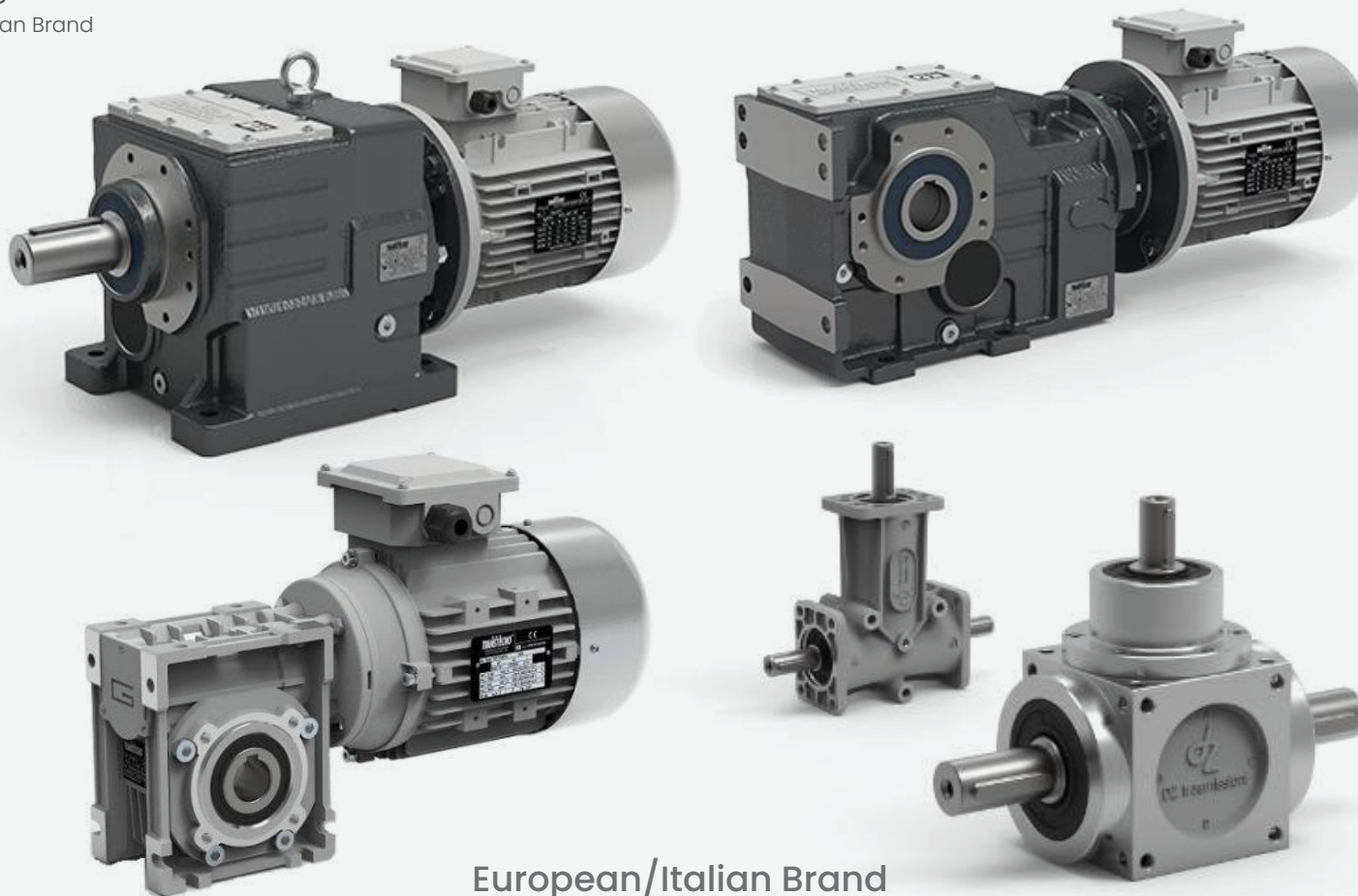


RF – Series Helical
Gear Reducer

FA – Series Parallel Shaft
Helical Gear Reducer

TRANSTECNO[®]
the modular gearmotor
European/Italian Brand

Worm Gears Helical Series (on demand)

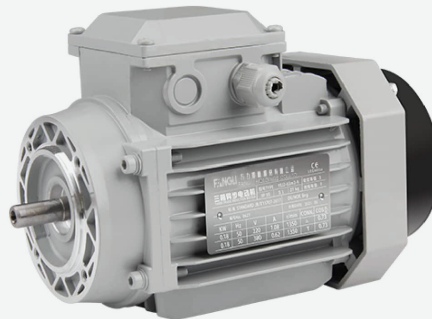


European/Italian Brand

Electric Induction Motors



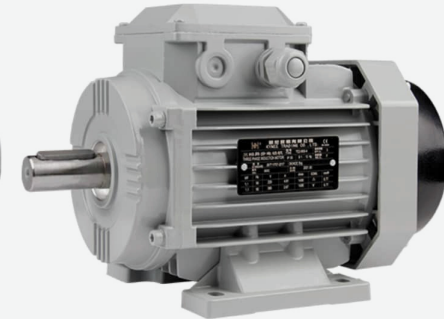
Flange
Mounting (B5)



Flange
Mounting (B14)



Foot and Flange(B5)
Mounting



Flange
Mounting

Motor Types: Permanent Magnet Motors, Synchronous Motors, Three Phase Motors with Brake, Explosion Proof (On Demand), Integrated VFD Electric Motors (On Demand)

Voltage Types: (AC) Single Phase(220V), Three Phase (220V, 380V/440V)

Mounting Types: Foot Mounting, Foot and Flange Mounting, Flange Mounting

Motor Speed: 900rpm, 1400rpm, 2800rpm

Motor Speed: 8Poles 700rpm, 10Poles 600rpm (On Demand)

Power Range: 0.12kW-1000kW

Body Material: Aluminum, Cast Iron (depends on type and availability)

Absolute Encoders & Displacement Sensors



Size: 25 / 27 / 38 / 38B / 38M / 50 / 58 (mm)

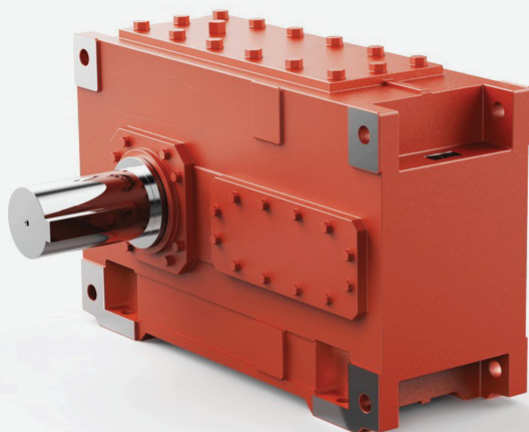
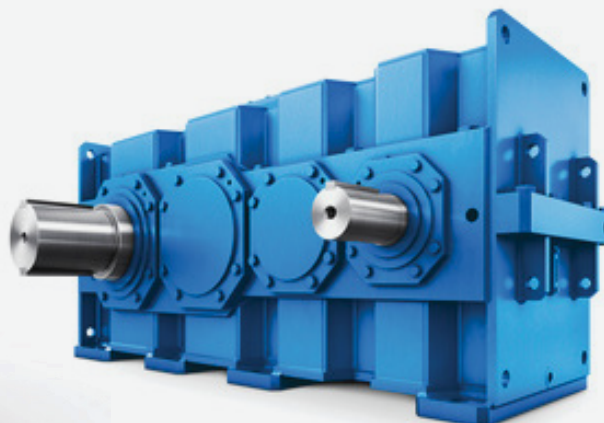
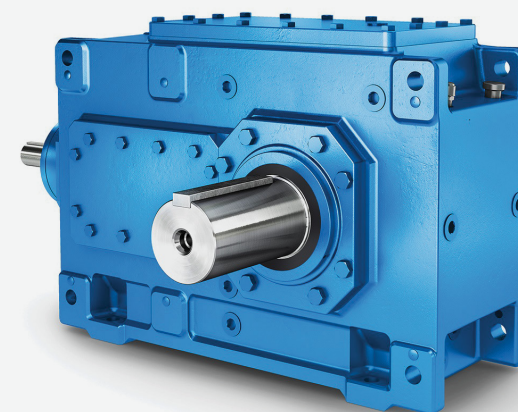
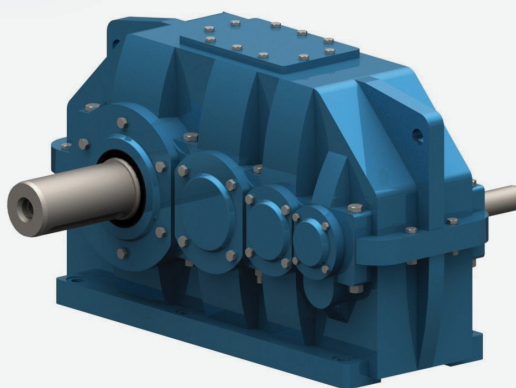
Bit: 10,12,14,15,26,17

Power Off Memory Range: Single turn, 16, 24, 32, 50, 64, 99, 100, 200, 400, 600, 1800, 5400, 10800, 21600 turns (Customizable)

Protection Rating: IP54, IP68 Waterproof, Explosion Proof

Supply Voltage: 5-24Volts

Multi Stage Helical Gear Units



Applications

- Casting cranes
- Heavy Load
- Tower slewing cranes
- Container cranes
- Offshore cranes
- Bridge cranes
- Drawworks

Ratio Range: 1:3~100

Torque: 10,000 up to 1,400,000 Nm.

Body Material: Depends on Availability

Pneumatic Shock Absorber



Available Types: Self-Compensation, Adjustable Type, Two Way Damper for Robotics.

Magnetic Powder Brake/Clutch and Tension Controller



Size: 6 / 12 / 25 / 50 / 100 / 200 / 400
Torque: 6 / 12 / 25 / 50 / 100 / 200 / 400 Nm
Supply Voltage: 24Volts
Speed: 1000/1400

Web Guiding System (on demand)



HVLS Industrial Fan





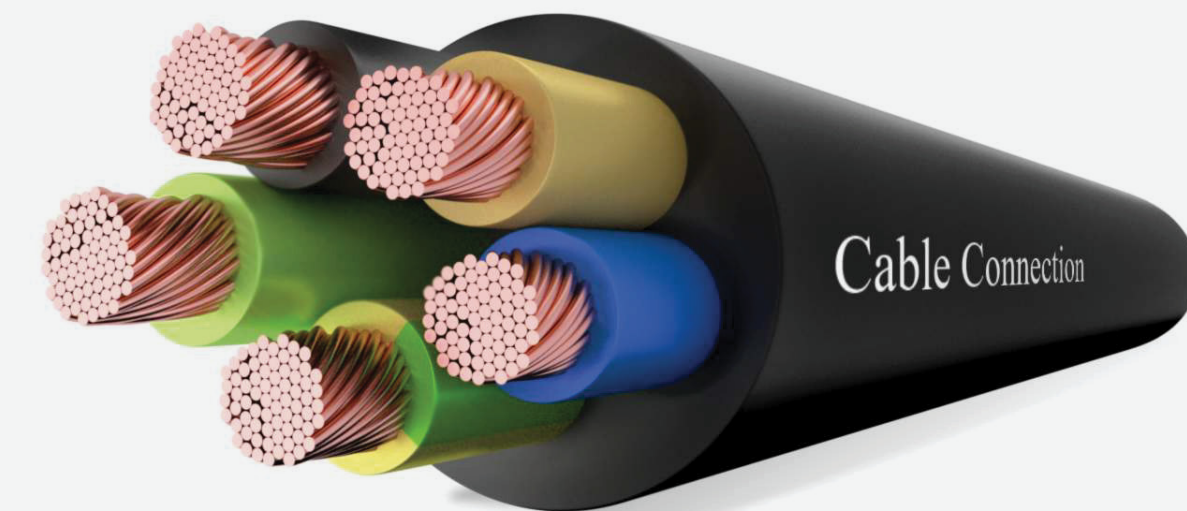
Inverters or VFD's



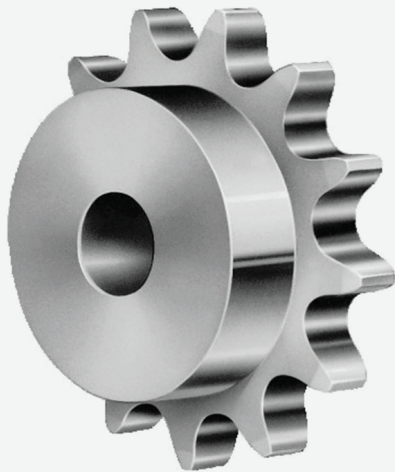
Wolong – Soft Starters (Medium and High Voltage Drives)



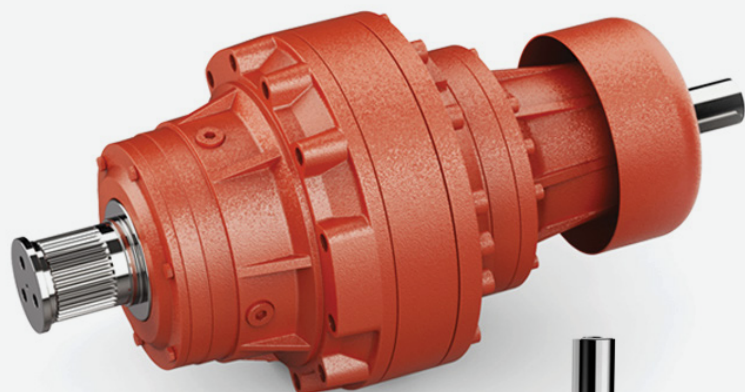
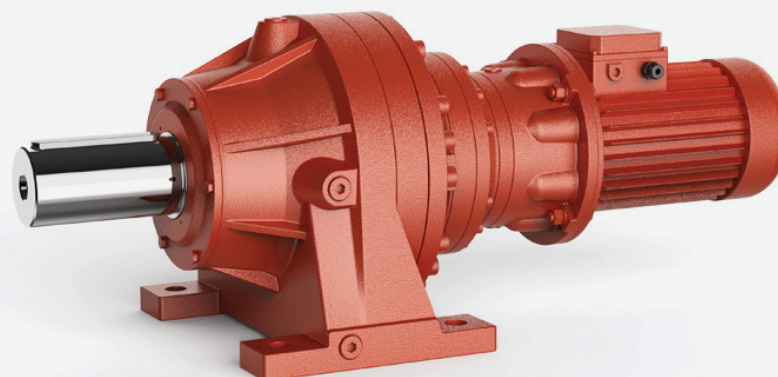
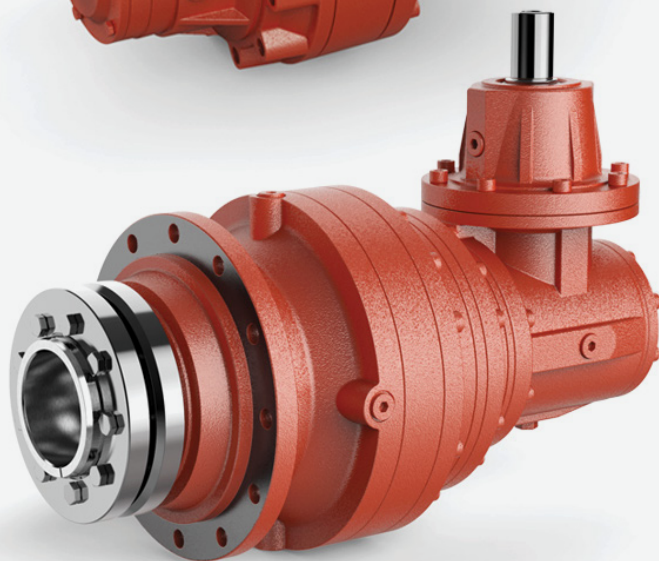
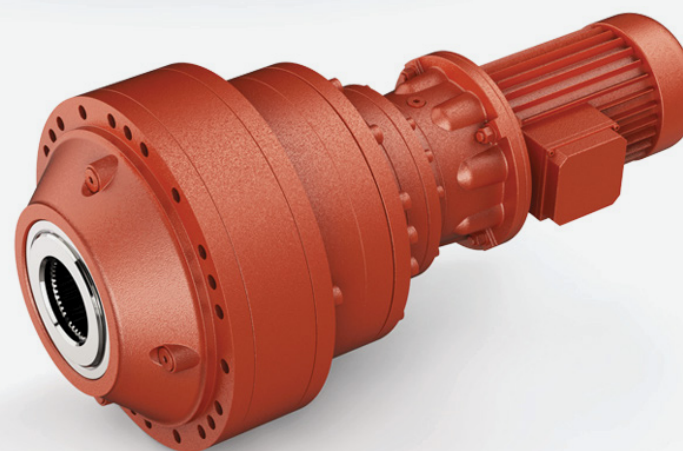
Industrial Electric Cables

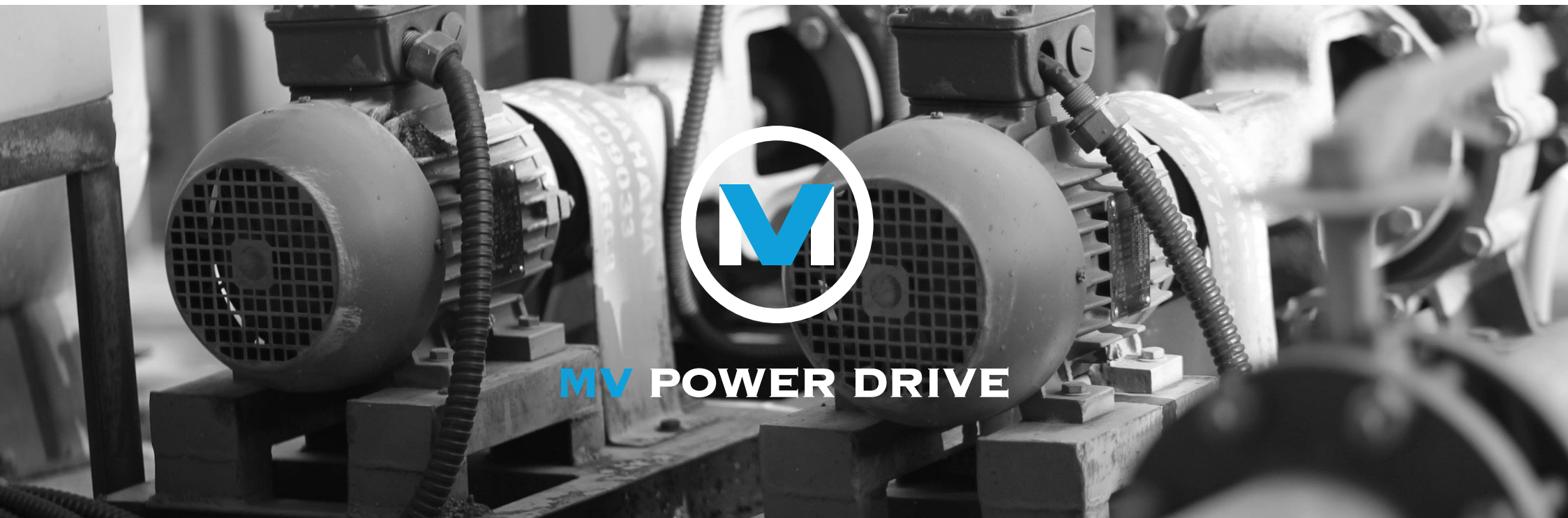


Sprockets and Chains



SPN Planetary Reducer Series (on demand)





MV POWER DRIVE



Website



WhatsApp

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