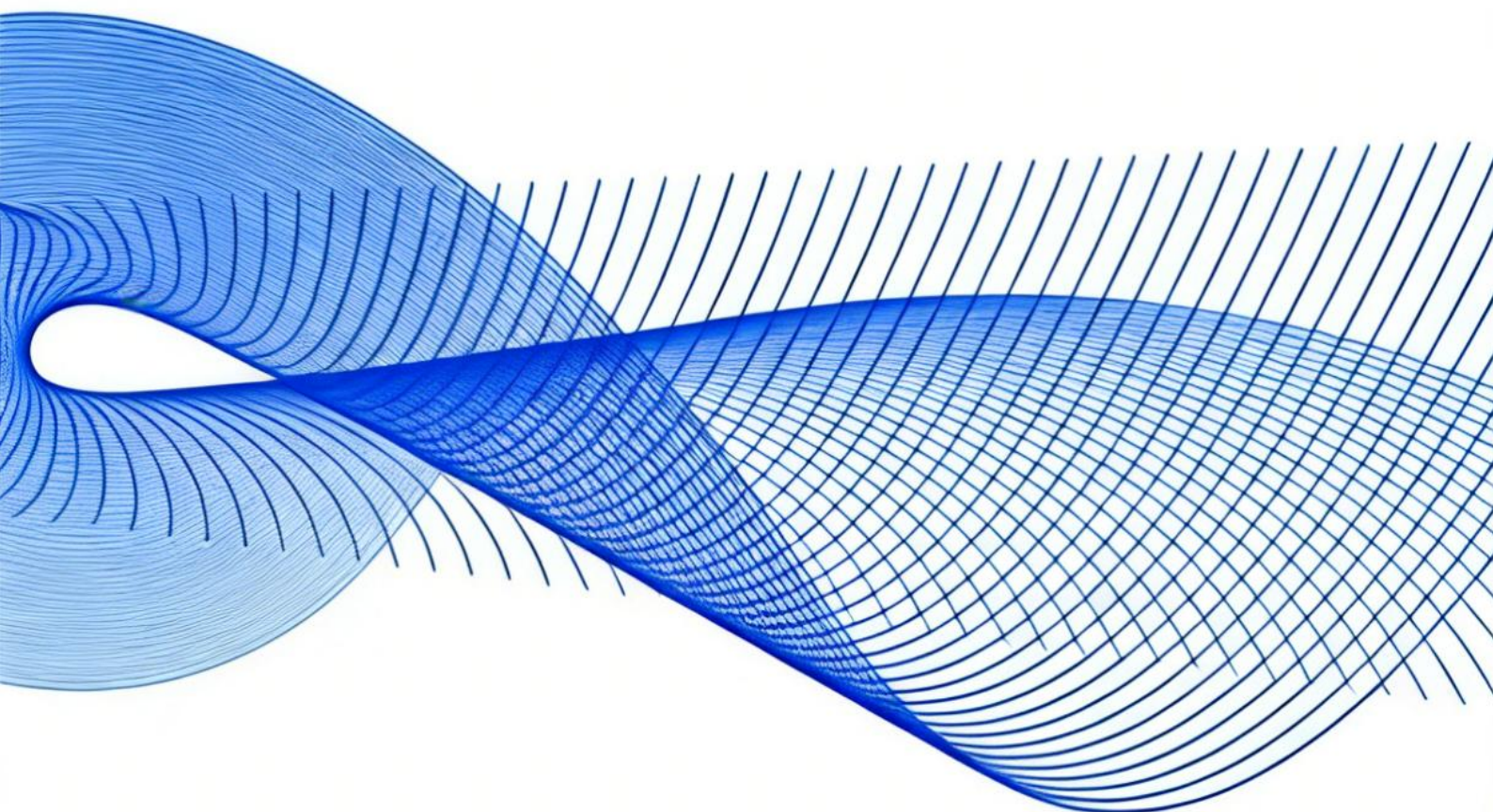


Hangzhou GT Rail Traffic Equipment Co., Ltd

IVH Drive: Global Power Transmission Solutions



www.ivhdrive.com

About Us

IVH DRIVE was founded in 2011 and headquartered in Hangzhou, is a National High-Tech Enterprise integrating R&D, manufacturing, and sales. With over 150 employees (15% in R&D) and a 32,000 m² smart production base, the company achieves an annual turnover of 150 million RMB (with 30% from exports), maintaining steady growth. Holding prestigious international certifications such as CE, UL, and CSA, IVH DRIVE is committed to providing domestic alternatives for high-end transmission equipment, delivering high-efficiency and high-stability power solutions for the global rail traffic and industrial sectors. Our products are widely utilized in diverse industries, including smart logistics, food packaging, energy & mining, and construction machinery. To date, we have exported to 25 countries, with a business footprint spanning Europe, North America, Southeast Asia, and the Middle East, making us your trusted partner for industrial power.

2011

SINCE

25+

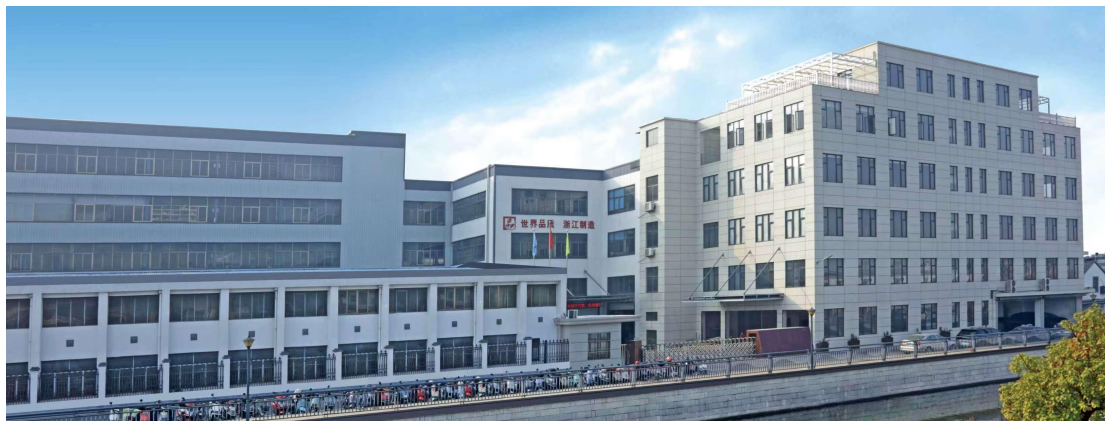
EXPORT COUNTRIES

40+

PRODUCT COVERAGE

8

FACTORIES DISTRIBUTION



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Automatic Car Wash Worm Gear reducer
Snow Sweeper Worm Gear reducer

HK Series Worm Gear Screw Jack
SWL Series Worm Gear Screw Jack
UDL Continuously Variable Transmission
MB Continuously Variable Transmission
JWB Continuously Variable Transmission
KRV Hyperbolic Gear Reducer
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HS Code: 8483409090

NMRV Aluminium Worm Gear Reducer

NMRV SERIES WORM GEAR REDUCER

Size: 030-040-050-063-075-090-110-130-150

Power: 0.06 to 11kw

Reduction ratios: between 7.5 and 100

Cases: up to 90 in die-cast aluminum alloy, Cast Iron

Application: Packaging Machinery, Plastic Machinery, Wooden Machinery, Ceramic Industries, Pharma Industries, Construction Machinery etc...



HS Code: 8483409090

Double Worm Gear Reducer

NMRV+NMRV WORM GEAR REDUCER

Centre Distance: up to 150mm

Ratio: 100:1-5000:1

Torque: up to 250Kgm

Input Power: 0.16HP-7.5HP

Mounting: Universal Mounting

Output shaft: Hollow 14mm-50mm Plug in solid shaft

Application: Packaging, Mixing, Conveyor, Cranes.etc.

Industries: Material handling, Pharma, Packaging, Food processing, Ceramic etc.



HS Code: 8483409090

VF Aluminium Worm Gear Reducer

VF SERIES WORM GEAR REDUCER

Size: 030-040-050-063-075-090-110-130-150

Power: 0.06 to 15kw

Reduction ratios: between 7 and 100

Application: Food and beverage and beer industries, Packaging and printing industries, Logistics and automated warehousing, Woodworking and furniture machinery, etc...



HS Code: 8483409090

WP Cast Iron Worm Gear Reducer

Unit Size: WPA50 to WPA175

Range: Power Range up to 250kw

Ratio: 1-10 to 1-60

Type: Under Driven/Oriven/Vertical Units in Single & Double Reduction.

Application: Conveyor, Alleviator, Ball Mill, Agitators, Cranes, Paper Mill, Ceramic, Lift Gearbox

Industries: Ceramic, Paper Mill, etc.

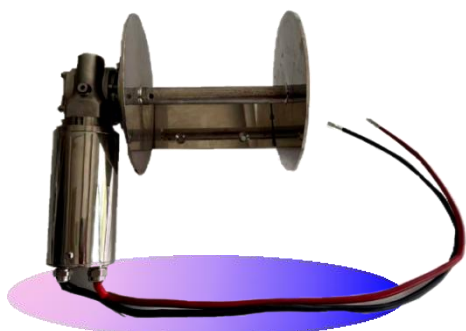


HS Code: 8483409090

Stainless Steel NMRV Worm Reducer

Model: RV40/50/63/75/90, GMSS30/40/50/63/75/90

Application: Food & Beverage Processing Machinery, Water Treatment, Aquaculture & Environmental Equipment, Pharmaceutical & Chemical Light Industry Machinery, Cold Chain, Daily Chemical & Coastal Automatic Equipment, etc.



HS Code: 8483409090

Stainless Steel VF Worm Gear Reducer

Model: SSVF/40/50/63

Application: Food, Beverage & Slaughter Processing Machinery, Pharmaceutical, Daily Chemical & Light Chemical Machinery, Water Treatment, Aquaculture & Environmental Equipment, Cold Chain, Marine & Outdoor Automatic Equipment, etc.



HS Code: 8483409090

Automatic Car Wash Worm Gear reducer

Model: CW050

Application: Automatic Car Wash & Petrol Station Equipment, Food, Beverage & Packaging Machinery, Water Treatment, Environmental & Chemical Mixing Equipment, Logistics Conveying, Warehousing & Light Lifting Equipment, etc.



HS Code: 8483409090

Snow Sweeper Worm Gear reducer

Model: SXVF050

Application: Municipal Sanitation & Road Maintenance, Airport, Railway Station & Large Yard Maintenance, Gardens, Farms & Ski Resort Equipment, Military, Polar & Special Construction Machinery, etc.



HS Code: 8483409090

R Series Coaxial Helical Gear Reducer

Unit Size: R37-R167

Power Range: 0.12-160kw

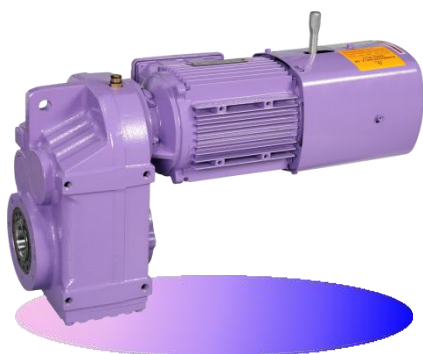
Output Speed: 0.16-1028RPM

Output Torque: up to 23000N.m

Mounting Type: Foot Mounting

Reduction Stage: 2 stage & 3 stage

Application: Packaging, Mixing, Conveyor, Cranes. etc.



HS Code: 8483409090

F Series Parallel Shaft Helical Gear Reducer

Unit Size: F37-F157

Input Power: 0.12-200kw

Output Torque: up to 22500N.m

Gear Ratio: up to 22323:1

Application: Packaging, Mixing, Conveyor, Cranes. etc.



HS Code: 8483409090

K Series Bevel Helical Gear Reducer

Unit Size: K37-K187

Power Range: 0.12-200kw

Output Speed: 0.16-1028RPM

Output Torque: up to 23000N.m

Mounting Type: Flange Mounting

Reduction Stage: 2 stage & 3 stage

Application: Packaging, Mixing, Conveyor, Cranes. etc.



HS Code: 8483409090

S Series Helical Gear Reducer

Unit Size: S37-S97

Power Range: 0.12-22kw

Output Speed: 0.12-177RPM

Output Torque: up to 4900N.m

Application: Packaging, Mixing, Conveyor, Cranes. etc.



HS Code: 8483409090

Cycloid Gear Reducer

Range: 0.50 to 100 hp

Ratio: 9:1, 11:1, 17:1, 23:1, 29:1, 35:1, 43:1, 59:1, 71:1, 87:1

Type: BLD Series/XLD Series

Mounting Type: Foot Mounting

Application: Line /Kiln/Convair &All Ceramic

Industrial Industries: Material Handling, Pharma, Packaging, Food Processing, Ceramic, etc.



HS Code: 8483409090

Z Series Industrial Cylindrical Helical Gearbox

Unit Size: ZDY Series/ZLY Series/ZSY Series/ZFY Series

Power Range: 1.1—6000kw

Transmission Ratio Range: 1.25—500

Output Torque: top to 520Kn.m

Input Speed Range: 750 / 1000 / 1500 rpm

Reduction Stages: 1 / 2 / 3 / 4 stages

Application: Packaging, Mixing, Belt Conveyor, Overhead Cranes, Mining, Metallurgy, Cement, Building Materials, Chemical Industry, etc.



HS Code: 8483409090

H Series Heavy Duty Parallel Shaft Industrial Gear Reducer

Power Range: 5.5—7000 kw

Transmission Ratio Range: 1.25—450

Output Torque: up to 750 kN · m

Input Speed Range: 750 / 1000 / 1500 rpm

Stage of Reduction: 1 / 2 / 3 / 4 stages

Gear Type: Hardened helical spur gear

Housing Material: Cast iron / Cast steel

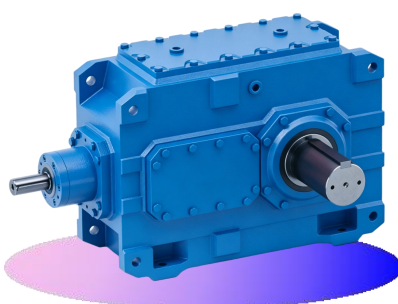
Mounting Form: Foot-mounted, Flange-mounted, Shaft-mounted

Lubrication Mode: Splash lubrication / Forced oil lubrication

Cooling Method: Natural air cooling / Fan cooling / Water cooling

Sealing Structure: Double lip oil seal, anti-leakage design

Application: Conveyors, Mixers, Mining equipment, Cranes, Metallurgy machinery, Building material equipment, Packaging lines, etc.



HS Code: 8483409090

B Series Heavy Duty Parallel Shaft Industrial Gear Reducer

Power Range: 5.5 — 7000 kw

Transmission Ratio Range: 1.25 — 450

Output Torque: up to 750 kN·m

Input Speed Range: 750 / 1000 / 1500 rpm

Reduction Stages: 1 / 2 / 3 / 4 stages

Gear Structure: Hardened precision helical gears

Housing Material: High strength cast iron / cast steel

Mounting Type: Foot-mounted, flange-mounted, hollow shaft mounted

Lubrication Mode: Splash lubrication / forced circulation oil lubrication

Cooling System: Natural air cooling, fan cooling, water jacket cooling

Sealing Design: Double lip oil seal, anti-oil-leakage structure

Application: Belt conveyors, industrial mixers, mining machinery, overhead cranes, metallurgical equipment, building material production lines, packaging equipment, etc.



≤0.75kW: 8501510000
0.75-75KW: 8501520090
> 75kW: 8501530090

Three-phase Asynchronous Motor

Aluminium Body

Range: 0.12 KW to 315 KW

Type: YE1/YE2/YE3/YE4/YE5

Application: Water treatment, fan & pump, Automation & logistics conveying, Building materials, mining & heavy industry, Textile, food and light industry, etc.



HS Code: 8501400090

Single-phase Asynchronous Motor

Aluminium Body

Range: 0.12 KW to 7.5 KW

Pole: 2 poles, 4 poles

Speed: 1400 to 2800 RPM

Application: HVAC & household appliances, Light industry & small machinery, Water supply, gardening & agriculture, Commercial automatic & office equipment, etc.



≤0.75kW: 8501510000
0.75-75KW: 8501520090
> 75kW: 8501530090

Three-phase Break Asynchronous Motor

Aluminium Body

Range: 0.18 kw to 75 kw

Type: Y2EJ

Application: Matched with R/F/K/S/NMRV/H/Z series gear reducers, lifting equipment, packaging machinery, logistics conveyors, printing machinery, automation production lines, machine tools, etc.

Industries: All Process Industries



≤0.75kW: 8501510000
0.75-75KW: 8501520090
> 75kW: 8501530090

Cast Iron Motor

Cast Iron Body

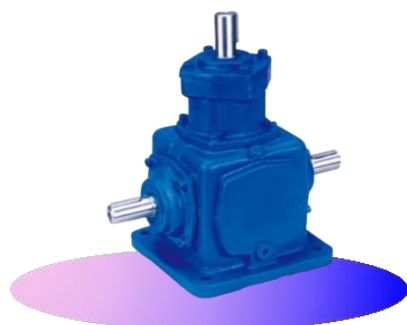
Output: 2HP to 6HP

Frame Size: 63 to 280M

Synchronous Speed: 3000 / 1500 / 1000 / 750 rpm

Rated Voltage: 380V / 400V 50Hz; Custom 220/460V 60Hz available

Application: Supporting H/Z/R/F/K/S/NMRV series gear reducers, mining machinery, conveyor equipment, mixers, water pumps, fans, cement, metallurgy, heavy-duty general industrial transmission equipment, etc.



HS Code: 8483409090

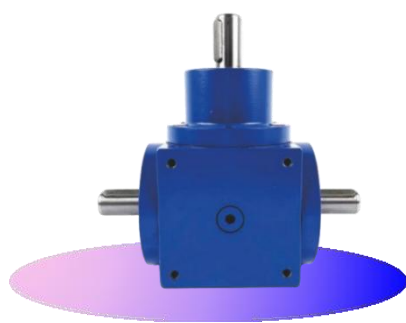
T Series Spiral Bevel Gear Steering Device

Model: T2,T4,T6,T7,T8,T10,T12,T16,T20,T25

Ratio: 1:1 to 5:1

Type: -I-U, -I-D, -D-L, -U-LR

Application: Agricultural Machinery, Construction & Mining Equipment, Food, Packaging & Printing Machinery, Woodworking & Industrial Automation, etc.



HS Code: 8483409090

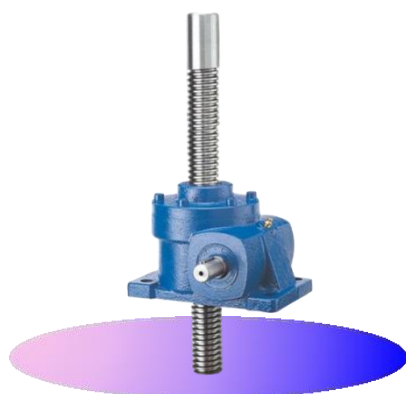
HD Series Spiral Bevel Gear Unit

Model: HD09,HD11,HD14,HD17,HD21,HD24,HD28

Ratio: 1:1 to 5:1

Type: HD, HDA, HDF, HDAF

Application: Industrial Automation & Logistics Conveying, Water Treatment, Environmental Protection & Fan/Pump, Food, Packaging, Pharmaceutical & Light Industry Machinery, Woodworking, Building Materials & Plastic Machinery, etc.



HS Code: 8428909090

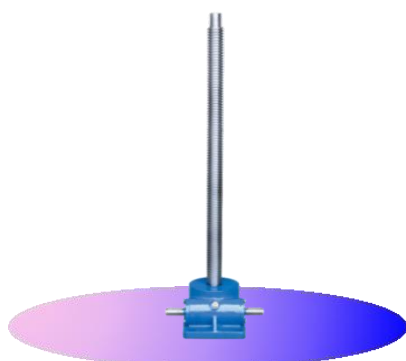
HK Series Worm Gear Screw Jack

Model: HK35, HK40, HK50, HK60, HK60B, HK70, HK100, HK120, HK130, HK150

Ratio: 1/5 to 1/36

Type: HK-R, HK-S, HK-T, HK-H

Application: Industrial Automation & Assembly Line Lifting Equipment, Water Treatment & Environmental Protection Equipment, Metallurgy, Building Materials & Heavy Industry Machinery, Food, Packaging & Pharmaceutical Light Machinery, etc.



HS Code: 8428909090

SWL Series Worm Gear Screw Jack

Model: SWL0.5T to 100T

Max lifting force: 5KN to 1000KN

Power: 0.12kw to 15kw

Application: Metallurgy, Mining & Building Materials Heavy Machinery, Water Treatment, Environmental & Water Conservancy Equipment, Machine Tool, Mold Tooling & Industrial Press Equipment, Construction, Bridge & Large Lifting Storage Equipment, etc.



HS Code: 8483409090

UDL Continuously Variable Transmission

Unit Size: UDL 0.18-1.1/UD1.1-7.5

Range: From 0.18kw to 7.5kw

Ratio: 1:1.4 to 7/O/P RPM=200-1000 RPM

Sizes: Form 14mm to 28mm output shaft diameter

Application: Packaging, Mixing, Conveyor, Cranes, etc.

Industries: Material handling, Pharma, Packaging, Food processing, Ceramic, etc.



HS Code: 8483409090

MB Continuously Variable Transmission

Model: MB02,MB04,MB07,MB15,MB22,MB40,MB75,MB150,MB220

Range: From 0.12kw to 7.5kw

Ratio: 1/1.45 to 1/7.25

Application: Food Processing & Packaging Industry, Ceramic & Building Materials Industry, Pharmaceutical & Fine Chemicals Industry, Rubber & Plastics Processing Industry, etc.



HS Code: 8483409090

JWB Continuously Variable Transmission

Unit Size: JWB

Range: From 0.18kw to 7.5kw

Ratio: 5:1

Output Speed Range: 200 – 1000 R/MIN

Application: Pharmaceutical & Fine Chemical Industry, Rubber & Plastics Processing Industry, Food & Beverage Deep Processing Industry, Printing & Packaging Precision Processing Industry, etc.



HS Code: 8483409090

KRV Hyperbolic Gear Reducer

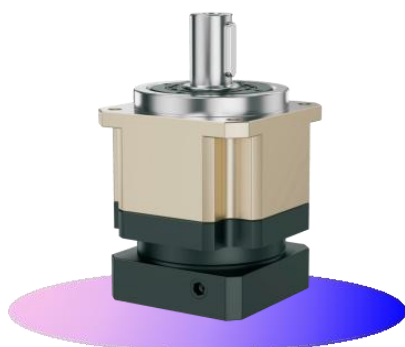
KRV+MOTOR HYPERBOLIC GEAR REDUCER

Size: 050-063-075-090-110

Power: 0.25 to 7.5kw

Reduction ratios: between 5 and 100

Application: Food packaging and beverages, Textile printing and dyeing, Logistics warehousing and automation, Building materials and cement machinery, Environmental protection and water treatment, Light industry and printing and papermaking, etc....



HS Code: 8483402000

HAB Series Precision Helical Planetary Gearbox

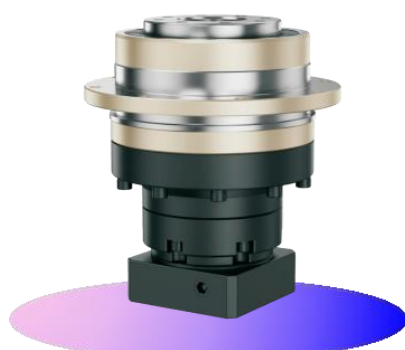
Frame Sizes: HAB042/HAB060/HAB090/HAB115/HAB142/HAB180

Stage of Reduction: 1-stage / 2-stage / 3-stage

Standard Gear Ratios: 3-1000

Backlash Precision: 1-stage $\leq 3\text{arc-min}$; 2-stage $\leq 5\text{arc-min}$;
3-stage $\leq 8\text{ arc-min}$

Application: Servo automation equipment, CNC machine tools, robotics, packaging machinery, laser cutting equipment, 3C automation, textile precision equipment, medical automation, etc.



HS Code: 8483402000

HAD Series Flange Planetary Gearbox

Frame Sizes: HAD042/HAD060/HAD090/HAD115/HAD142/HAD180

Stage of Reduction: 1-stage / 2-stage / 3-stage

Standard Gear Ratios: 3-1000

Backlash Precision: 1-stage $\leq 3\text{arc-min}$; 2-stage $\leq 5\text{arc-min}$; 3-stage $\leq 8\text{arc-min}$

Application: Rotary indexing tables, turntable automation, packaging rotary equipment, laser processing, robotic joints, CNC rotary axes, medical precision automation, 3C rotating positioning equipment, textile rotary machinery, etc.



HS Code: 8483402000

HAF Extended Barrel Planetary Gearbox

Frame Sizes: HAF042/HAF060/HAF090/HAF115/HAF142/HAF180

Stage of Reduction: 1-stage / 2-stage / 3-stage

Standard Gear Ratios: 3-1000

Backlash Precision: 1-stage $\leq 3\text{arc-min}$; 2-stage $\leq 5\text{arc-min}$; 3-stage $\leq 8\text{arc-min}$

Application: Long-stroke automation equipment, linear module drive, packaging conveying machinery, laser cutting, 3C assembly equipment, textile precision machinery, robotic linear axes, medical automated equipment, etc.



HS Code: 8483402000

LAF Standard Spur Planetary Gearbox

Frame Sizes: LAF042 / LAF060 / LAF090 / LAF115 / LAF142 / LAF180

Stage of Reduction: 1-stage / 2-stage / 3-stage

Standard Gear Ratios: 3-1000

Backlash Precision: 1-stage $\leq 5\text{arc-min}$; 2-stage $\leq 8\text{arc-min}$; 3-stage $\leq 10\text{arc-min}$

Application: General automation equipment, packaging machinery, conveying equipment, textile machinery, woodworking equipment, small CNC equipment, 3C ordinary assembly lines, low-to-medium precision positioning automation, etc.



220V: 8501400090
380V, $\leq 750W$: 8501510000
380V, $\leq 37.5W$: 8501109990

Micro AC Gear Motor

Power Range: 6W ~ 200W

Gear Ratio Range: 3K ~ 200K

Reduction Stage: 1~2 stage spur

Protection Grade: IP44

Application: Mini conveyor lines, food small machinery, packaging auxiliary equipment, printing small machines, laboratory mixing equipment, textile light-duty equipment, automatic doors, small turntables, etc.



220V: 8501400090
380V, $\leq 750W$: 8501510000
380V, $\leq 75W$: 8501520090

Right Angle Hollow Shaft AC Gear Motor

Power Range: 25W ~ 750W

Gear Ratio Range: 5 ~ 200

Reduction Stage: 1~2 stage helical gear reduction

Protection Grade: IP44

Application: Small rotary turntables, light conveyor lines, packaging rotary equipment, food processing small machines, automatic door rotating mechanism, lab stirring equipment, textile light-duty rotary machinery, etc.



220V: 8501400090
380V, $\leq 750W$: 8501510000
380V, $\leq 75W$: 8501520090

Right Angle Solid Shaft AC Gear Motor

Power Range: 25W ~ 750W

Gear Ratio Range: 5 ~ 200

Reduction Stage: 1 / 2 stage precision helical gear reduction

Protection Grade: IP44

Application: Mini conveyor lines, packaging machinery, food light processing equipment, small rotary turntables, textile light-duty machinery, laboratory mixing equipment, automatic logistics sorting equipment, etc.



$\leq 0.75kW$: 8501510000
0.75-75kW: 8501520090
> 75kW: 8501530090

CH/CV Series Three-Phase Parallel Shaft Gear Motor

Type: CH, CV

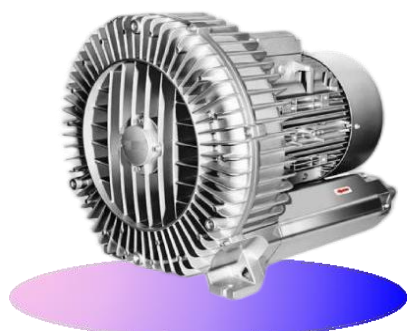
Power Range: 0.1kW ~ 3.7kW

Voltage Standard: 380V/400V 50Hz, custom 220/460V 60Hz available

Pole Number: 4-pole, synchronous input speed 1500 rpm

Gear Ratio Range: 3 ~ 100

Application: Heavy-duty belt conveyors, industrial agitators, packaging machinery, food processing equipment, woodworking machinery, printing equipment, logistics sorting equipment, small lifting machinery, etc.



HS Code: 8414599099

Single Stage Blower

Model: HG010 to HG930

Rated Power: 0.09kw to 18.5kw

Application: Industrial Air Drying, Air Knife & Dust Removal, Water Treatment, Aeration & Aquaculture Oxygenation, Food, Packaging & Light Industry Vacuum Conveying, Woodworking, Automation & Sorting Adsorption Equipment, etc.



HS Code: 8414599099

Double Stage Blower

Model: 2HG220 to 2HG820

Rated Power: 0.7kw to 17.3kw

Application: Powder & Granule Pneumatic Conveying, Deep Water Aeration & Environmental Water Treatment, Strong Vacuum Adsorption & Automatic Handling Equipment, Industrial Dust Removal, Hot Air Circulation & High-pressure Drying, etc.



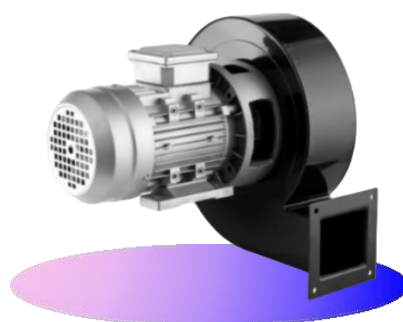
HS Code: 8414599099

Centrifugal Fan

Model: YN-TB-100 to YN-TB-180

Rated Power: 0.75kw to 15kw

Application: Dust Removal & Environmental Exhaust Treatment, HVAC, Air Conditioning & Industrial Drying Systems, Woodworking, Building Materials & Light Industry Conveying, Boiler, Metallurgy &



HS Code: 8414599099

Low Noise Centrifugal Blower

Model: DF-1.3 to DF-9

Rated Power: 120w to 2.2kw

Application: HVAC, Air Purification & Clean Room Ventilation, Industrial Drying, Oven & Hot Air Circulation Equipment, Printing, Packaging & Electronic Light Industry Automation, Kitchen Ventilation, Oil Fume & Waste Gas Treatment, etc.



HS Code: 8413609090

Foaming Metering Pump for PPG and POP

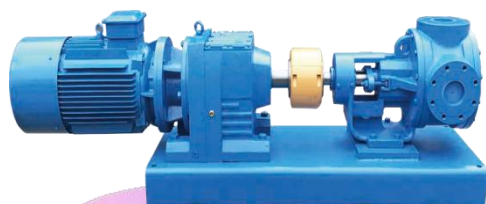
The product can be applied to metering delivery of PPG, POP, TDI, MDI and large materials on a continuous foaming production line. When the above types deliver PPG or POP on the continuous foaming machine, the foaming can reach 10Kg/min-380Kg/min and completely meet the requirements about light and heavy foams. In addition, for metering delivery on a high-low PU low pressure foaming machine, Materials A and B can reach 300g/s-5000g/s respectively.



HS Code: 8413609090

Foaming Metering Pump for PU

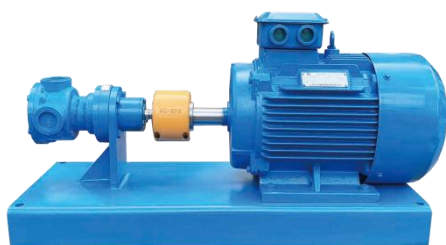
The product can be applied to metering delivery of 15Kg-65Kg powder and oil on a round-foam production line. The gear is made of high-carbon steel of integral quenching. The small bushing is made of silicon carbide, so its service life is remarkably prolonged. When it delivers MC or TDI in a sponge continuous foaming machine, it has advantages such as stable pressure, more accurate flow and shortened foam head length.



HS Code: 8413609090

4" High-flow Tanker Discharge and Pipeline Delivery Pump

The product can be applied to tanker discharge of polyurethane chemical materials such as PPG, POP, TDI, MDI to a large storage tank or long-distance pipeline delivery from a large storage tank to a foaming tank. Foaming metering delivery of PPG, POP and large materials on a continuous foaming machine and feeding from a large storage tank to a foaming tank.



HS Code: 8413609090

TDI, MDI and MC Feeding Pump

The product can be applied to metering delivery of small materials and color paste on a continuous foaming machine. Feeding pump for a PU foaming machine and transfer pump for an iron bucket of 200KG. Feeding pump from a large storage tank to a foaming tank. The gear is processed through center machining and other technologies. The high-precision equipment can guarantee manufacturing precision of each pump and make the pump have advantages such as low noise, stable pressure and accurate metering.



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