

Liu Jinru  
Asian Games Champion  
Weigao reducer ambassador

亚运会冠军 刘津茹  
威高减速机形象大使

2017年泰国亚锦赛团体跳马冠军

2018年雅加达亚运会团体冠军

2017.2018.2019连续三届全国体操锦标赛跳马冠军

**WGT** Weigao Transmission Company was established in 1988 and is a professional manufacturer of reducers, patented gearboxes, and reduction motors. We offer over **160** types of mechanical transmission products in over **90** countries/regions, winning praise from over **20000** customers.

**WGT**威高传动公司成立于1988年，是一家专业生产减速机、专利齿轮箱和减速电机的公司。在**90**多个国家/地区，我们提供了**160**多种机械传动产品，赢得了**20000**多客户的赞誉。



WEGHS: SIESCRIPTION NUMBER  
微信公众订阅号

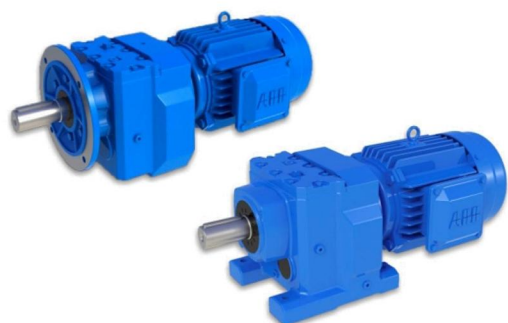
3D SELECTION SYSTEM FOR MOTOR REDUCERS  
《电机减速机3D选型系统》



# 产品目录 PRODUCT CATALOG

威高传动市场定位是业界最佳传动设备供应商。我们赶超的基准包括德国产品的稳定性、美国产品的先进性以及日本产品的耐用性。只要我们持续地改进，就会不断接近高质量、低成本和高效率的理想目标。

WGT's market positioning is to be the industry's best supplier of transmission equipment. Our benchmarks for catching up and surpassing include the stability of German products, the advanced nature of American products, and the durability of Japanese products. As long as we continuously improve, we will steadily move closer to the ideal goals of high quality, low cost, and high efficiency.



型号: R17~R167	Model: R17~R167
传动比: 3.83~229.71	Ratio: 3.83~229.71
输入功率: 0.18~160KW	Input Power: 0.18~160KW
输出扭矩: 85~18000N.m	Output Torque: 85~18000N.m

## R 系列斜齿轮硬齿面减速机 R series helical gear hard tooth surface reducer

R系列斜齿轮硬齿面减速机，具有体积小、重量轻、承载能力高，效率高、使用寿命长，安装方便，所配电机功率范围广，传动比分级精细等特点。

The R series helical gear hard tooth surface reducer has the characteristics of small size, light weight, high load-bearing capacity, high efficiency, long service life, convenient installation, wide power range of the matched motor, and fine transmission ratio grading.



型号: S37~S97	Model: S37~S97
传动比: 10.27~230.48	Ratio: 10.27~230.48
输入功率: 0.18~22KW	Input Power: 0.18~22KW
输出扭矩: 90~6500N.m	Output Torque: 90~6500N.m

## S 系列斜齿蜗轮蜗杆减速机 S series helical worm gear reducer

斜齿轮蜗轮蜗杆减速机的最大优势就是它的简单机械结构。它的效率远比通常的蜗轮减速机高。而且S系列减速机运行噪音低。

The strength of our helical-worm gear units is their simple mechanical structure. This yields a higher efficiency than pure worm gear units. In addition, the S series gear units are quiet during operation.



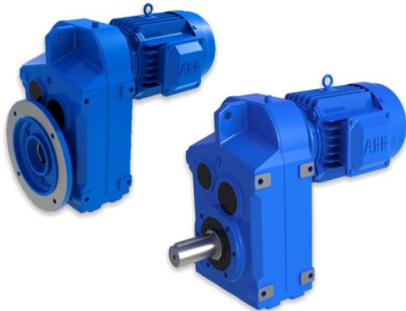


型号: K37~K187	Model:K37~K187
传动比: 5.36~180.78	Ratio:5.36~180.78
输入功率: 0.18~200KW	Input Power:0.18~200KW
输出扭矩: 200~50000N.m	Output Torque:200~50000N.m

**K** K 系列斜齿螺旋锥齿轮减速机  
K series helical bevel gear reducer

斜齿轮锥齿轮减速机采用零磨损设计，维护少，运行寿命长，从技术上来说是非常经济的直角减速机。它的效率非常高，是实实在在的节能高手。

Thanks to their long maintenance-free operating life and their wear-free gearing, our helical-bevel gear units are—technically speaking—economical right-angle gear units. Their high level of efficiency, however, makes them real energy savers.

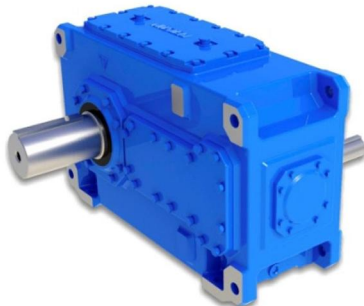


型号: F17~F167	Model:F17~F167
传动比: 3.83~229.71	Ratio:3.83~229.71
输入功率: 0.18~160KW	Input Power:0.18~160KW
输出扭矩: 85~18000N.m	Output Torque:85~18000N.m

**F** F 系列平行轴斜齿轮减速机  
F series parallel axis helical gear reducer

具有通用性强、组合性好、承载能力强的特点。具有传动比容易、效率高、振动小、轴径向载荷大的优点。该系列不仅可以与各种减速器和齿轮箱配合使用，满足要求，而且还有利于相关齿轮箱设备的定位。

It has the characteristics of strong universality, good combination, and strong carrying capacity. It has the advantages of easy transmission ratio, high efficiency, low vibration, and large radial load on the shaft. This series can not only be used in conjunction with various reducers and gearboxes to meet requirements, but also facilitate the positioning of related gearbox equipment.



型号: 3~26	Model:3~26
传动比: 1.25~450	Ratio:1.25~450
输入功率: 4.2~6958KW	Input Power:4.2~6958KW
输出扭矩: 6.2~1030kN.m	Output Torque:6.2~1030kN.m

**HB** HB 系列标准工业齿轮箱  
HB series standard industrial gearbox

HB齿轮箱有平行轴、直交轴两种传动类型，传动级数1-4级。采用吸音箱体结构、圆柱齿轮和螺旋锥齿轮均采用先进的磨齿工艺，使整机的温升、噪声降低，传动的可靠性得到提高，传递功率增大。

The HB gearbox has two types of transmission: parallel axis and orthogonal axis, with transmission stages ranging from 1 to 4. Adopting a sound-absorbing box structure, advanced gear grinding technology is used for both cylindrical and spiral bevel gears, which reduces the temperature rise and noise of the entire machine, improves the reliability of the transmission, and increases the transmission power.



型号: 9~34	Model:9~34
传动比: 25~4000	Ratio:25~4000
输入功率: 0.4~14000KW	Input Power:0.4~14000KW
输出扭矩: 22~1920N.m	Output Torque:22~1920N.m

**P** P 系列行星齿轮减速机  
P series planetary gear reducer

P系列行星齿轮减速机采用渐开线行星齿轮传动，具有重量轻、体积小、传动比范围大、效率高、运转平稳、噪声低适应性强等特点。箱体内的太阳轮、行星轮、内齿圈均采用渗碳淬火处理，得到高硬耐磨表面，热处理后全部磨齿，降低了噪音，提高了整机的效率及使用寿命。

The P series planetary gear reducer adopts involute planetary gear transmission, which has the characteristics of light weight, small volume, large transmission ratio range, high efficiency, smooth operation, low noise, and strong adaptability. The sun gear, planetary gear, and inner gear ring inside the box are all carburized and quenched to obtain a high hardness and wear-resistant surface. After heat treatment, all teeth are ground to reduce noise and improve the efficiency and service life of the entire machine.



单级速比 Single-stage ratio	115-1160
万能速比 Universal ratio	115-1160
双级速比 Two-stage ratio	1/100-1/3600

**WP** WP 系列蜗轮蜗杆减速机  
WP series worm gear reducer

WP系列减速机的蜗杆采用45#优质钢经热处理加工制造，蜗轮用锡青铜铸制而成，耐磨性能良好，尤其在承载能力上更加明显，蜗轮蜗杆减速机主要用于塑料、冶金、饮料、矿山、起重运输、化工建筑等各种机械设备的减速传动。

The worm of the WP series reducer is made of 45# high-quality steel and processed by heat treatment. The worm wheel is made of tin bronze. It has good wear resistance, especially in the bearing capacity. The worm gear reducer is mainly suitable for plastics, metallurgy, and beverages, mining, lifting and transportation, chemical construction and other mechanical equipment deceleration transmission.



型号: 25~130	Model:25~130
传动比: 7.5~100	Ratio:7.5~100
输入功率: 0.18~100KW	Input Power:0.18~100KW
输出扭矩: 2.6~610N.m	Output Torque:2.6~610N.m

**RV** RV 系列蜗轮蜗杆减速机  
RV series Worm Reducer

RV蜗轮蜗杆减速器是精心设计和不断改进的产品。其主要特点是优质铝合金、重量轻、无锈蚀、输出扭矩大、运行稳定、噪音低、散热好、外观美观、耐用。使用寿命短，适用于所有安装位置。

The RV worm gear reducer is a carefully designed and continuously improved product. Its main characteristics are high-quality aluminum alloy, light weight, rust free, high output torque, stable operation, low noise, good heat dissipation, beautiful appearance, and durability. Short service life, suitable for all installation positions.

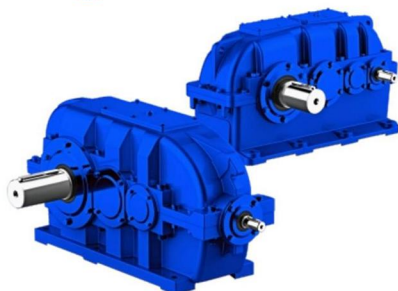


X系列: 1、2、3、4、5、6、7、8、9、10、11
B系列: 0、1、2、3、4、5、6、7、8
两级: 42、53、63、74、84、85、95、106、116、117
三级: 642、742、842、852、853、952、953、1063、1164、1174

**BX** BX 系列摆线针轮减速机  
BX series cycloidal pinwheel reducer

机型分为: X系列、B系列两大类。  
传动形式分为: 单级、双级、三级。  
结构型式分为卧式、立式、双轴型、直联型四种, 可供用户选用满足各种不同需求。

The models are divided into: X series, B series two categories. The drive into two forms: single-stage, two-stage, three. The structure type is divided into horizontal, vertical, double-axle, four direct linking, available for users to choose to meet various needs.

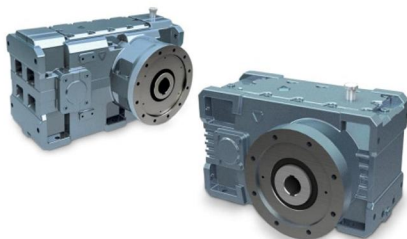


ZDY	速比	ratio Double stage	8-14	双级
ZDY	速比	ratio Three	16-50	三级
DBY	速比	Single stage	1.25-6.3	单级
DBY	速比	ratio Double stage	6.30-20	双级
DBY	速比	ratio Three	22.4-100	三级

**ZD** ZDY DBY 圆锥圆柱齿轮减速机  
ZDY DBY bevel cylindrical gear reducer

圆柱齿轮减速机, 齿轮渗碳, 淬火, 磨削, 承载力高, 噪音低; 主要用于皮带输送机和各种运输机械。优点是: 输入轴和输出轴垂直布置在驱动装置中, 承载能力强, 使用寿命长, 体积小, 效率高, 重量轻。

Cylindrical gear reducer, gear carburizing, quenching, grinding, high bearing capacity, low noise; mainly used for belt conveyors and various transportation machinery. The advantages are: the input shaft and the output shaft are arranged vertically in the drive device, with strong bearing capacity, long service life, small size, high efficiency and light weight.



型号: 112-450	Model: 112-450
传动比: 8-20	Ratio: 8-20
输入功率: 4.4-188KW	Input Power: 4.4-188KW
输出扭矩: 0.65-11.1kN.m	Output Torque: 0.65-11.1kN.m

**ZL** ZLYJ 单螺杆挤出机专用减速机  
ZLYJ single screw extruder dedicated reducer

塑料螺杆挤出机采用轻量化设计, 造型美观, 密封性好, 更高效。具有设计结构紧凑、承载能力强、传动平稳、低噪声等优点。零件由高强度合金钢制成, 齿轮经过渗碳处理, 淬火和齿轮磨削。

The plastic screw extruder adopts a lightweight design, with beautiful appearance, good sealing performance, and more efficiency. It has the advantages of compact design structure, strong load-bearing capacity, stable transmission, and low noise. The parts are made of high-strength alloy steel, and the gears are carburized, quenched, and ground.





型号: 35~125	Model:35~125
传动比: 5~31	Ratio:5~31
输入功率: 2.5~226KW	Input Power:2.5~226KW
输出扭矩: 420~17000N.m	Output Torque:420~17000N.m

**RXG** RXG 悬挂式齿轮减速机  
RXG suspension gear reducer

RXG 是威高传动公司长期以来采石场和矿山应用的畅销产品。它采用立式三级传动设计，主要为行车配套，具有高可靠性和低维护。在倾斜输送机的情况下，可装退回装置来防止反向驱动。

The RXG series has long been a best-selling product for quarry and mining applications. Adopting a vertical three-level transmission design, mainly used as a supporting device for driving, with high reliability and low maintenance. In the case of inclined conveyors, a return device can be installed to prevent reverse drive.

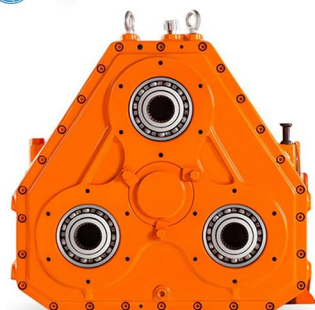


型号: ABCDEFGHJ	Model: ABCDEFGHJ
传动比: 5:1~13:1或20:1	Ratio: 5:1~13:1/20:1
输入功率: 0.29~134.2KW	Input Power: 0.29~134.2KW
输出扭矩: 256~7449N.m	Output Torque: 256~7449N.m

**SMR** SMR轴装式斜齿减速机  
SMR shaft mounted helical gear reducer

轴装式减速机结构紧凑、承载能力大、效率高、噪声低等性能可靠，广泛应用于矿山、冶金等行业。齿轮采用高强度合金钢材料，渗碳淬火，磨齿工艺。逆止器可用于不能反转的使用条件，扭力臂可用于安装调整减速机的空间位置及皮带的松紧。

The axle mounted reducer has a compact structure, large bearing capacity, high efficiency, low noise, and reliable performance, widely used in industries such as mining and metallurgy. The gears are made of high-strength alloy steel material, carburized and quenched, and undergo gear grinding process. The backstop can be used for non reversible usage conditions, and the torque arm can be used to install and adjust the spatial position of the reducer and the tightness of the belt.



型号: BQ126~BQ452	Model:BQ126~BQ452
传动比: 0.57~1.13	Ratio: 0.57~1.13
输入功率: 260KW~1600KW	Input Power:260KW~1600KW
输出扭矩: 1560~7966 N.m	Output Torque:1560~7966 N.m

**BQ** BQ 系列分动箱泵驱动装置  
BQ series transfer case pump drive device

BQ系列分动箱是将发动机的动力进行分配的装置。它采用标准化模块设计，精密铸造壳体、高精度齿轮、进口轴承、进口轴承密封件、高弹联轴器等等与SAE标准发动机飞轮连接。箱体采用特殊油路设计，确保充分的润滑冷却效果。

The BQ series transfer box is a device that distributes the power of the engine. It adopts a standardized modular design, with precision casting shells, high-precision gears, imported bearings, imported bearing seals, high elasticity couplings, etc. connected to SAE standard engine flywheels. The box body adopts a special oil circuit design to ensure sufficient lubrication and cooling effect.

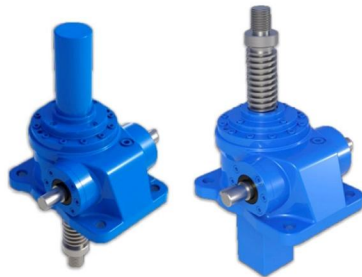


型号: T2~T25	Model:T2~T25
传动比: 1~5	Ratio:1~5
输入功率: 0.12~300KW	Input Power:0.12~300KW
输出扭矩: 7.15~5713N.m	Output Torque:7.15~5713N.m

**T** T 系列螺旋锥齿轮转向箱  
T Series Spiral Bevel Steering Box

T系列一级螺旋锥齿轮变速箱是标准化的，提供单轴、双水平轴、单垂直轴和双垂直轴。螺旋锥齿轮可以前进和后退，具有低速或高速传动，低噪音、低振动和高耐久性。T系列换向器具有转向功能，可以随着输入轴旋转方向的变化而改变输出轴。

The T-series primary spiral bevel gear transmission is standardized and offers single axis, dual horizontal axis, single vertical axis, and dual vertical axis. Spiral bevel gears can move forward and backward, with low or high-speed transmission, low noise, low vibration, and high durability. The T series commutator has a steering function, which can change the output shaft as the direction of input shaft rotation changes.



型号: 010~1000	Model:010~1000
传动比: 6~32	Ratio:6~32
输入功率: 0.18~16.3KW	Input Power:0.18~16.3KW
起升力: 2.5吨~120吨	Lift Capacity:2.5T~120T

**JW** JW SWL 蜗轮蜗杆升降机  
JW SWL Worm Gear Elevator

JW系列蜗轮蜗杆升降机是基本的起重部件，它具有起重、下降、前进和转动功能。结构紧凑、体积小、重量轻，安装方便，灵活可靠。性能强，使用寿命长等优点，可由电机或其他动力源直接驱动，也可手动操作。

The JW series worm gear elevator is a basic lifting component that has functions of lifting, lowering, advancing, and rotating. Compact structure, small size, light weight, convenient installation, flexible and reliable. Strong performance, long service life, and other advantages, can be directly driven by a motor or other power source, or can be manually operated.



型号大类:  
YE2、YE3、YVF2、YS、YB、YEJ、YB2、YVP、YTJK、FTJK、YY、YL

[Supply Chain Alliance] MOTOR



**M** 电机系列[供应链联盟产品]  
[Supply Chain Alliance] MOTOR

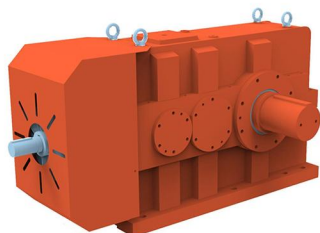
YE2系列超高效率电机；YE3系列超高效率电机  
YVF2系列变频调速电机；YB系列防爆电机  
YY系列单相电容电机；YL系列双值电容电机

YE2 series ultra high efficiency motor  
YE3 series ultra high efficiency motor  
YVF2 series variable frequency motor  
YB series explosion-proof motor  
YY series single-phase capacitor motor  
YL series dual value capacitor motor





**M/MC** M/MC 系列工业齿轮箱  
M/MC series industrial gearbox



WGT M/MC系列专利齿轮箱是工业齿轮箱具有：大扭矩、高负载、高效率、高寿命的特点。备有单或双输入、输出轴端，结构易于更改，并可实现水平、垂直多种安装形式。是更换SEW M/MC系列工业变速箱的备选方案

M系列型号: 10~90 MC系列型号: 02~09	M series models: 10~90 MC series models: 02~09
M系列传动比: 6~1800 MC系列传动比: 7.1~112	M series transmission ratio: 6-1800 MC series transmission ratio: 7.1~112
M系列输入功率: 4.2~6958KW MC系列输入功率: 4.2~1000KW	M series input power: 4.2~6958KW MC series input power: 4.2~1000KW
M系列输出扭矩: 30~186000N.m MC系列输出扭矩: 30~65000KW	M series output torque: 30~186000N. m MC series output torque: 30~65000KW

The WGT M/MC series patented gearbox is an industrial gearbox with the characteristics of high torque, high load, high efficiency, and long service life. Equipped with single or dual input and output shaft ends, the structure is easy to change and can be installed in various horizontal and vertical forms. It is an alternative solution to replace the SEW M/MC series industrial gearbox

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: GearreducerNet