

Planetary Gearbox



WSH
Size: 60~280
Ratio: 3~100
Backlash: P0/P1/P2
Noise: ≤58~66dB



WTH
Size: 64~285
Ratio: 4~100
Backlash: P0/P1/P2
Noise: ≤58~66dB



WVRB
Size: 60~220
Ratio: 3~100
Backlash: P0/P1/P2
Noise: ≤56~70dB



WSHR
Size: 60~280
Ratio: 3~200
Backlash: P1/P2
Noise: ≤63~74dB



WTHR
Size: 64~285
Ratio: 4~200
Backlash: P1/P2
Noise: ≤63~72dB



WVRBR
Size: 60~220
Ratio: 3~200
Backlash: P1/P2
Noise: ≤63~72dB



WAD
Size: 64~255
Ratio: 4~100
Backlash: P0/P1/P2
Noise: ≤58~70dB



WAE
Size: 50~235
Ratio: 3~100
Backlash: P0/P1/P2
Noise: ≤56~70dB



WAT
Size: 65~450
Ratio: 1~200
Backlash: P0/P1/P2
Noise: ≤62~72dB



WADR
Size: 64~255
Ratio: 4~200
Backlash: P1/P2
Noise: ≤63~70dB



WAER
Size: 70~205
Ratio: 3~200
Backlash: P1/P2
Noise: ≤63~72dB



Planetary Rotary Actuator
Outer Diameter: φ56-φ124mm
Ratio: 16~36
Backlash: <12 arcmin
Peak Torque: 36~150N.m
Communication Protocol: CAN FD



WTN
Size: 60~450
Ratio: 5,10,18
Reset Positioning
Precision: ±15arcsec
Noise: 65~75dB



WGV gearbox(horizontal)
Size: 100,115,135,160
Ratio: 2~40
Max radial force: 4000~12000
Noise: ≤65dB



Racks, Pinions & Rollers
Quality Grades: Q5-Q10
Rack Type: Straight&Helical
Module: 1-12
Length: 499.51-1017.90mm



WANSHSIN is a professional leading gearmotor manufacturer in China and an intelligent automation complete solution provider, which focus on providing high-grade gearmotor, gearbox and controller(inverter) for the customers to over 50 countries worldwide.



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BROCHURE OF WANSHSIN Gear Motor & Gearbox

Strain Wave Reducer



WCSG-I (II)
Size: 14~40
Ratio: 50~120
Backlash: ≤15arcsec
Load Torque: 6.3~160N.m



WSHG-I (II,III,IV)
Size: 14~40
Ratio: 50~120
Backlash: ≤15arcsec
Load Torque: 6.3~160N.m



WSHD-I
Size: 14~32
Ratio: 50, 100
Backlash: ≤15arcsec
Load Torque: 3.5~96N.m



WCSG-I
Size: 14~32
Ratio: 50, 100
Backlash: ≤15arcsec
Load Torque: 3.7~96N.m

RV Reducer



WRA

- ◆ Size: 5~700
- ◆ Ratio: 31~203
- ◆ Backlash: P0/P1/P2
- ◆ Rated torque: 50~7500N.m



WCF

- ◆ Size: 7~40
- ◆ Ratio: 31~161
- ◆ Backlash: P0/P1/P2
- ◆ Rated torque: 6~300N.m



WF4CF-C

- ◆ Size: 20~380
- ◆ Ratio: 59~119
- ◆ Backlash: P0/P1/P2
- ◆ Rated torque: 207~3713N.m



WF4CF-DA

- ◆ Size: 25~165
- ◆ Ratio: 29~119
- ◆ Backlash: P0/P1/P2
- ◆ Rated torque: 245~1615N.m

Standard Geared Motor

Compact PM Gear Motor

- ◆ Frame Size: 70~100mm
- ◆ Power: 15~200W
- ◆ Ratio: 3~1800



Standard

- ◆ Frame Size: 60~100mm
- ◆ Power: 6~250W
- ◆ Voltage: 1-phase 110V/220V
3-phase 220V/380V
- ◆ Ratio: 3~2000



Right Angle Type

- ◆ Frame Size: 80~100mm
- ◆ Power: 25~250W
- ◆ Voltage: 1-phase 110V/220V
3-Phase 220V/380V
- ◆ Ratio: 3~5000



Eared Type

- ◆ Frame Size: 90mm
- ◆ Power: 60~120W
- ◆ Voltage: 1-phase 110V/220V
3-Phase 220V/380V
- ◆ Ratio: 3~2000



Digital Speed Controller

- ◆ WS-L
- ◆ Power: 6~250W
- ◆ Voltage: 1-phase 110V
1-phase 220V



AC Gear Motor



Flange Mounted

- ◆ Shaft Size: 18~60mm
- ◆ Power: 0.1~7.5kW
- ◆ Voltage: 1-phase 110V/220V
3-phase 220V/380V
- ◆ Ratio: 3~20000



Worm Gear Box

- ◆ WXRW
- ◆ Size: 25~150
- ◆ Ratio: 7.5~100



Foot Mounted

- ◆ Shaft Size: 18~60mm
- ◆ Power: 0.1~7.5kW
- ◆ Voltage: 1-phase 110V/220V
3-phase 220V/380V
- ◆ Ratio: 3~20000



Livestock Equipment

- ◆ Shaft Size: 19~35mm
- ◆ Power: 0.55~1.5kW
- ◆ Voltage: 1-phase 110V/220V
3-phase 220V/380V
- ◆ Ratio: 3,4,5



WXR.F.K.S Gear box with Asynchronous Motor

WXR Series Helical Gear Motor

- ◆ Size: 37~167
- ◆ Ratio: 3.41~289.74
- ◆ Power: 0.12~160kW
- ◆ Output Torque: 70~18000N.m



WXF Series Parallel Shaft Helical Gear Motor

- ◆ Size: 37~157
- ◆ Ratio: 3.77~281.71
- ◆ Power: 0.12~200kW
- ◆ Output Torque: 200~18000N.m



Hypoid Gear Motor

- ◆ Frame Size: 50 63 75 90
- ◆ Power: 120W~3000W



WXK Series Helical Bevel Gear Motor

- ◆ Size: 37~187
- ◆ Ratio: 5.36~197.37
- ◆ Power: 0.12~200kW
- ◆ Output Torque: 200~50000N.m



WXS Series Helical Worm Gear Motor

- ◆ Size: 37~97
- ◆ Ratio: 6.8~288
- ◆ Power: 0.12~22kW
- ◆ Output Torque: 90~2280N.m



IEC Permanent Magnet Synchronous Motor

- ◆ Power: 0.4kW~315kW
- ◆ Mounting type: B3, B5, B14, B35, B34...
- ◆ Voltage: 3 phase 220V/380V
- ◆ Efficiency: IE4, IE5



IEC Asynchronous Motor

- ◆ Power: 0.09kW~630kW
- ◆ Mounting type: B3, B5, B14, B35, B34
- ◆ Voltage: 220/380V, 230/400V, 400/600V...
- ◆ Frequency: 50/60HZ
- ◆ Poles: 2/4/6/8



W6 Series Industrial Planetary Gearbox

- ◆ Size: W600 - W617
- ◆ Modular design, compact size, simple installation

Inverter

WS600 Series High Performance Vector Control Inverter

- ◆ Power: 0.4kW~1000kW
Built-in MODBUS protocol
- ◆ Voltage: 1-phase 110V/220V
3-phase 220V/380V/690V

