

WHY BONFIGLIOLI?



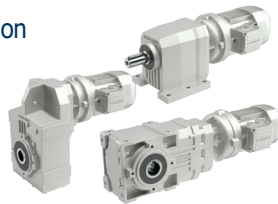
COMPANY HIGHLIGHTS

- Over 60 years of experience in the power transmission industry
- \$1 billion company with worldwide production, distribution, sales and service
- Family owned and operated since 1956
- One of the widest product ranges in the marketplace to provide solutions for most applications
- Over 1 million gearboxes and gearmotors manufactured per year
- Market leader in wind energy - 1 in 3 wind turbines worldwide has a Bonfiglioli gearbox
- Headquartered in Bologna Italy, Bonfiglioli has 21 branches in 15 countries and 14 production plants
- Investments of 60M€ in new production technologies and infrastructures

PRODUCT DETAILS

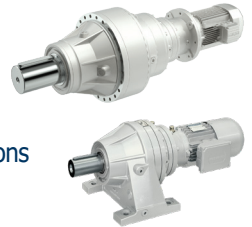
A/C/F SERIES

- Universal mounting provides easy installation
- High efficiency
- Closely spaced ratios
- Inherent low backlash
- Wide variety of input and output options
- Quiet operation
- Servo motor options



300 SERIES

- Torque range exceeding 11m in-lbs
- Versatile configuration
- High shock load resistance
- More output variations vs competitors
- Large ratio range. Easy to add more reductions
- Torque dense, compact design
- Several options to fit different applications



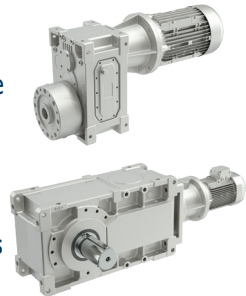
VF/W SERIES

- Worldwide leader in production of 3,500 per day
- Widest range offering
- Lubricated for life (frame sizes VF27-49, W63-86)
- Low cost solution
- Universal mounting provides easy installation
- One piece housing - aluminum and cast iron
- High peak torque
- Large ratio range up to 10,000:1
- Torque limiter option



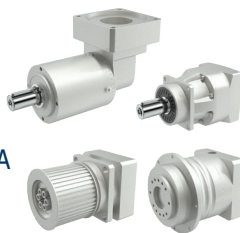
HD SERIES

- Torque range exceeding 1.8m in-lbs
- Ratio's up to 500:1
- Favorable torque distribution across ratio range
- Closely spaced ratios
- High radial load capacity on all sizes with HDB (Heavy Duty Bearings) option
- Ground finished gears to provide quiet operation and reduced vibration
- Rigid housing with numerous mounting options
- Broad range of options allows for extensive customization



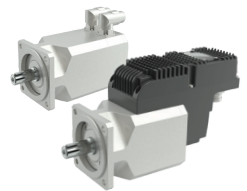
PRECISION GEARHEADS

- Market drop-in design
- Lubricated for life
- High efficiency
- Low backlash & high torsional stiffness
- Wide variety of input options including NEMA
- Up-to 3 stages of reduction
- Ratio range up to 1,000:1



SERVO MOTORS

- Torque rating up to 530 in-lbs.
- Low inertia
- Compact design with high torque density
- Concentrated winding
- Segmented stator technology
- Optimized rotor for low torque ripple
- High energy permanent magnets (not glued)
- Integral die-cast aluminum housing



VARIABLE FREQUENCY DRIVES

- Energy saving functions (quadratic V/F, flux reduction)
- Compatible with all Ethernet protocols
- Internal programmable PLC and oscilloscope function
- Master/slave function with electronic gear through internal system bus
- Power failure management (recovery and controlled stop)
- SD card slot for parameter management



SERVO DRIVES

- Power range up to 1,600 hp
- Compatible with all Ethernet protocols
- Market highest power density of 2.8hp/Liter
- Up to 16kHz switching frequency and 1600Hz output frequency with customized firmware
- 32 Programmable motion blocks for auto sequencing
- Master/slave function with electronic gear through internal system bus
- Power failure management (recovery and controlled stop)



Bonfiglioli.com/USA



 **Bonfiglioli**
Forever Forward