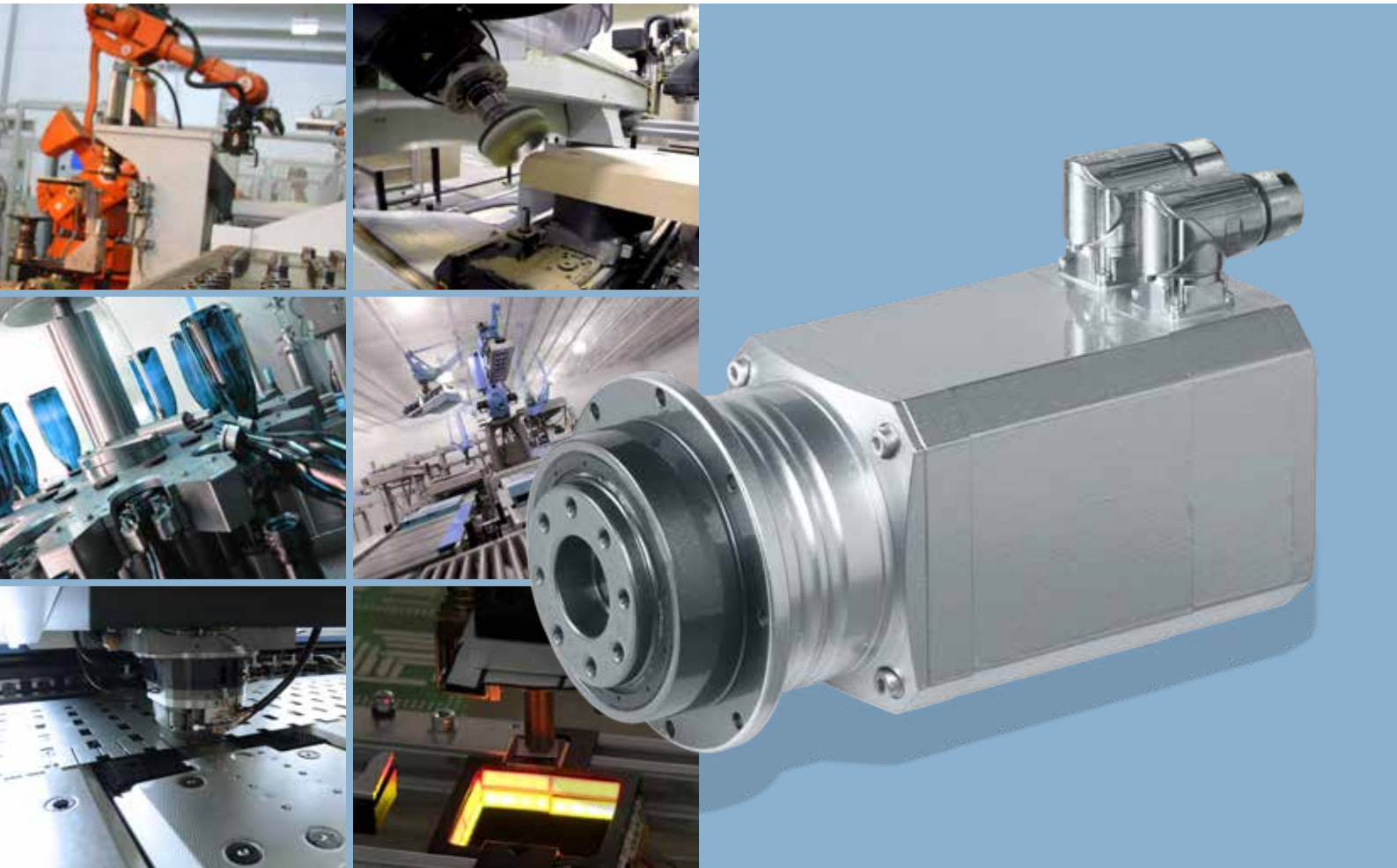


Bonfiglioli Tecnoingranaggi

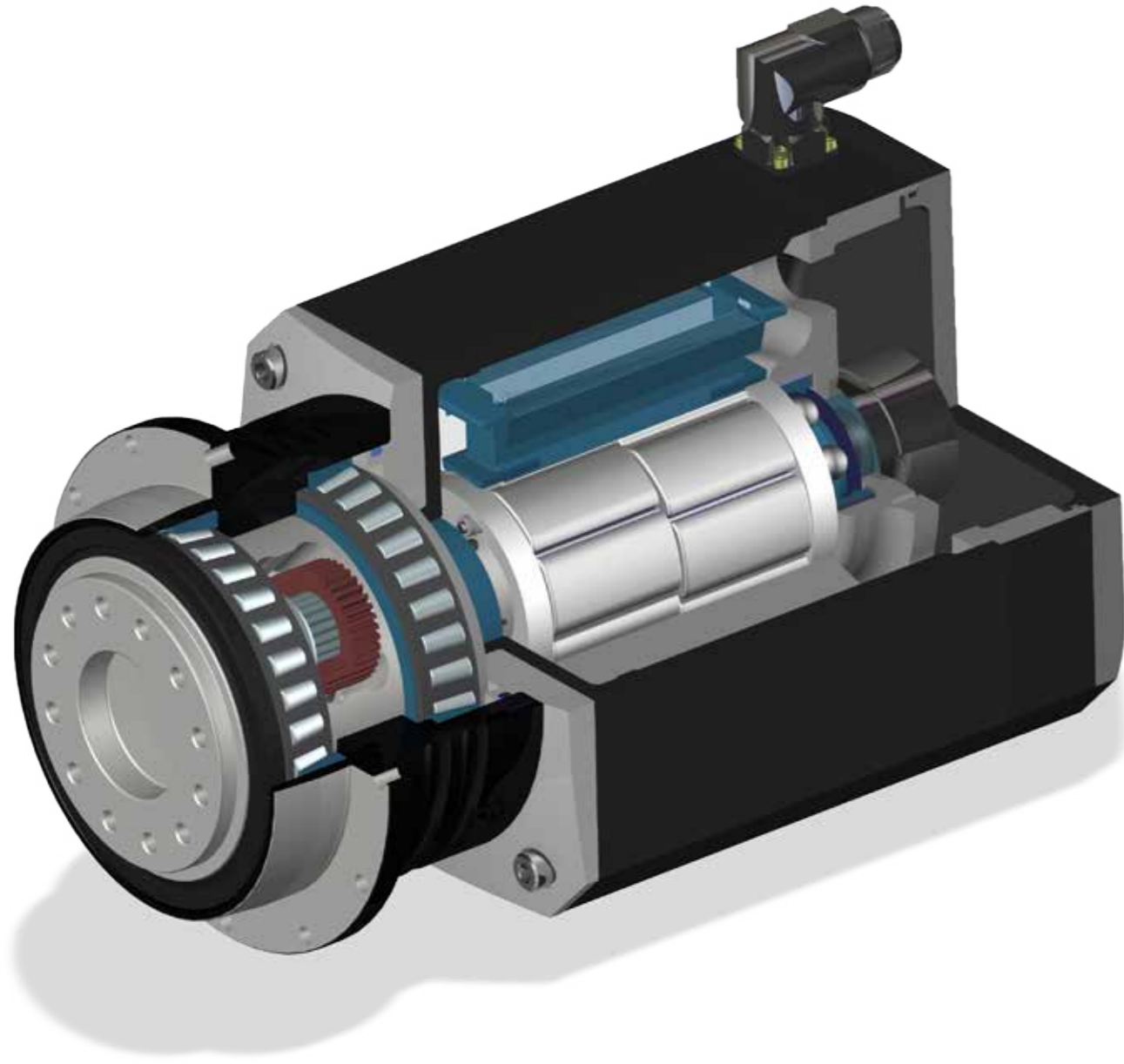
Precision Planetary Servo Gearmotor



Mechatronic Solution by Bonfiglioli

BMD + TQF

- Output torque: 8...800 Nm
- Input motor speed: 1600; 3000; 4500; 6000 rpm
- Backlash: less than 3 arcmin
- Designed for continuous duty & intermittent operation
- Universal mounting position
- Power supply: 230; 400Vac
- Additional inertia feature
- Electromechanical holding brake
- Various feedback sensors and sensorless option
- IP65 Protection



POWERFUL & PRECISE

- High power density
- Nominal torque up to 800 Nm
- Peak torque up to 1200 Nm
- Backlash lower than 3 arcmin
- 1 and 2 stages

COMPACT DESIGN

- Space-saving solution
- Cost optimized solution

HIGH DYNAMIC

- High acceleration and high cycle rates
- High torsional stiffness
- Reduced inertia

HIGH EFFICIENCY

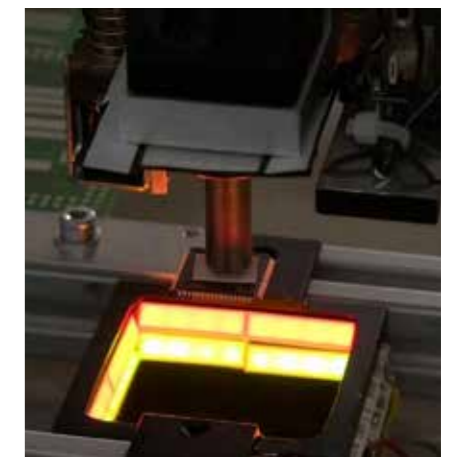
- Less losses by reduction of input bearings and radial shaft seals

WIDE FLEXIBILITY

- Various feedback sensors
- Thermal protection by PTC / KTY
- Additional inertia feature
- Electromechanical holding brake optional
- UL motor certification

HIGH RELIABILITY

- Robust solution
- Optimized combination
- Parts 100% inspected & tested
- More than 60 years of engineering expertise





Bonfiglioli has been designing and developing innovative and reliable power transmission and control solutions for industry, mobile machinery and renewable energy applications since 1956.

HEADQUARTERS

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