

Industrial Planetary Gearmotors & Units



300M Series

Bonfiglioli's 300M Series is an outstanding solution for all heavy-duty applications where compactness is not an option. Thanks to its modular design, the 300M Series can be customized to match an extremely wide range of applications. Bonfiglioli's expertise in planetary technology ensures high-quality product design and manufacturing procedures. The 300 Series operates without unwanted downtime even in the harshest environments. This planetary gearbox achieves top-class flexibility thanks to several outputs, as well as input configurations available for all 20 sizes.



ATEX GEARBOX AVAILABLE

Gear ratios

- 3.4 ... 2,916

Mechanical rating

- up to 1,050 kW

Motors

- Input with solid shaft
- Input with e-motor coupling:
 - M, ME, MX (compact asynchronous)
 - BN, BE, BX (IEC asynchronous)
 - BSR (IEC reluctance)
 - BS (IEC single phase)

Motor options

- Thermistors and thermostat sensors
- Independent forced cooling
- Incremental, sin/cos absolute single/multi-turn encoders
- Tropicalization
- Anti-condensate heaters
- Backstop

Main options

- In line/right angle version
- Independent cooling unit
- Patented integrated cooling solution
- Taconite seals
- ATEX certification for explosive environments

Key benefits

- High torque density
- Extreme speed reduction and high output torque
- Low maintenance cost
- Extremely customizable
- Flexibility
- Usable in explosive environments

Key features

- Highly transmissible torque/weight ratio
- Combined version (HD, A, W/VF series)
- High quality standards
- High shock resistance
- Wide range of options and accessories
- Electric and hydraulic motor compatible
- Built-in cooling fan
- ATEX version 2G/2D

Torque (Nm)

300	1,250
301	2,460
303	2,970
304	3,960
305	5,800
306	10,840
307	15,680
309	23,240
310M	33,460
311M	49,210
313M	60,940
314M	80,640
315M	100,800
316M	134,390
317M	207,490
318M	297,550
319	471,190
321	655,740
323	890,310
325	1,286,000