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Solutions for  
**Heavy Industry**



SECTOR

## **PRODUCT RELIABILITY IS ACHIEVED THROUGH A PRODUCTION PROCESS GEARED TOWARDS EXCELLENCE**

All essential parts are produced in Bonfiglioli's own plant using constantly updated machine tools of the latest generation.

Machining technology is therefore fully owned by Bonfiglioli and part of a know-how acquired over 50 years of manufacturing.

Today, precision machining is very much a part of Bonfiglioli's consolidated heritage.

The CNC machine tools and equipment used for the production of gears and other essential component parts are all state-of-the-art in terms of quality, efficiency and productivity in general.

Advanced machinery has always been central to Bonfiglioli's production system and Bonfiglioli has always assigned top priority to the quality and efficiency of its machine park, and has invested accordingly.



## VF W series

### Worm gearmotors

**Clementino Bonfiglioli created the first worm gearbox in 1956; today we manufacture over 3.500 gearboxes per day.**

VF and W series wormgears are milestones for the global industry. They succeeded in combining uncompromising quality with state-of-the-art technology and renowned price effectiveness.

Absolute flexibility is achieved by the wide range of mounting options, shaft configurations and motor interfaces, all offered as standard. The pre-stage and the double-worm versions, with or without the torque limiter, also enhance a highly versatile drive system.

Type	Torque [Nm]
VF 27	13
VF 30	24
VF 44	55
VF 49	88
W 63	190
W 75	320
W 86	440
W 110	830
VF 130	1 500
VF 150	2 000
VF 185	3 600
VF 210	5 000
VF 250	7 100

#### Torque range

13 ... 7 100 Nm

#### Mechanical rating

0.04 ... 75 kW

#### Gear ratios

7 ... 10 000



ATEX GEARBOX AVAILABLE



## VF-EP/W-EP series

### Gearmotors for hygienic environments

**Meeting food specifications and high resistance to harsh conditions.**

Wormgears and motors are also available in the Enhanced Protection "EP" configuration, featuring food grade specifications and extra corrosion protection, ensuring risk-free operations in hygienic environments, and facilitate effective sanitising. In addition to food processing applications, the EP configuration will also suit the requirements of the chemical and pharmaceutical industry, as well as marine on-board and quayside installations.

Type	Torque [Nm]
VF_EP 44	55
VF_EP 49	88
W_EP 63	190
W_EP 75	320
W_EP 86	440

#### Applications

Food processing, chemical and pharmaceutical industry  
 Marine on-board and quayside installations  
 Corrosive environments

#### Torque range

55 ... 440 Nm