



Bonfiglioli

Industrial

Products range



Bonfiglioli

power, control and green solutions

Power, control and green solutions



Bonfiglioli, one name for a large international group.

It was back in 1956 that Clementino Bonfiglioli established in Bologna, Italy, the company that still bears his name. Now, some fifty years later, the same enthusiasm and dedication is driving Bonfiglioli to become the world's top name in power transmission and control solutions. Through directly controlled subsidiaries and production plants around the world, Bonfiglioli designs, manufactures and distributes a complete range of gearmotors, drive systems and planetary gearboxes, and boasts the most integrated offering on the market today.

Now, to emphasise its commitment to health, safety and environmental sustainability, Bonfiglioli is adding the term "green" to the description of its offering.

This commitment can be seen too in the Group's new trademark, made up of three shapes and colours identifying Bonfiglioli's three main business areas - Power, Control & Green Solutions and symbolising a set of values that includes openness and respect for other cultures.

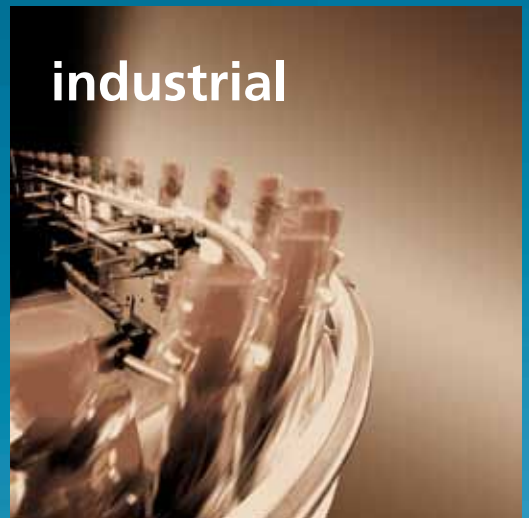
In a market in which excellent product quality alone is no longer sufficient, Bonfiglioli also provides experience, know-how, an extensive sales network, excellent pre-sales and after-sales service and modern communication tools and systems to create high level solutions for industry, mobile machinery and renewable energy.

Bonfiglioli solutions

wind



industrial



mobile



photovoltaic



Innovative solutions for industrial field.

Bonfiglioli Riduttori today is one of the leading brands in the power transmission industry. The company's success is the result of a business strategy that relies on three fundamental factors: know-how, innovation and quality. The complete range of Bonfiglioli gearmotors offers excellent technical characteristics and guarantees the highest performance. Substantial investment and technical expertise have enabled the company to achieve an annual production of 1.600.000 units using fully automated processes.

Certification of the company's Quality System by DNV and TÜV is proof of the high quality standards achieved.

Centres of excellence around the world allow the Bonfiglioli Group to guarantee the high levels of quality and efficiency needed to compete in industry today.

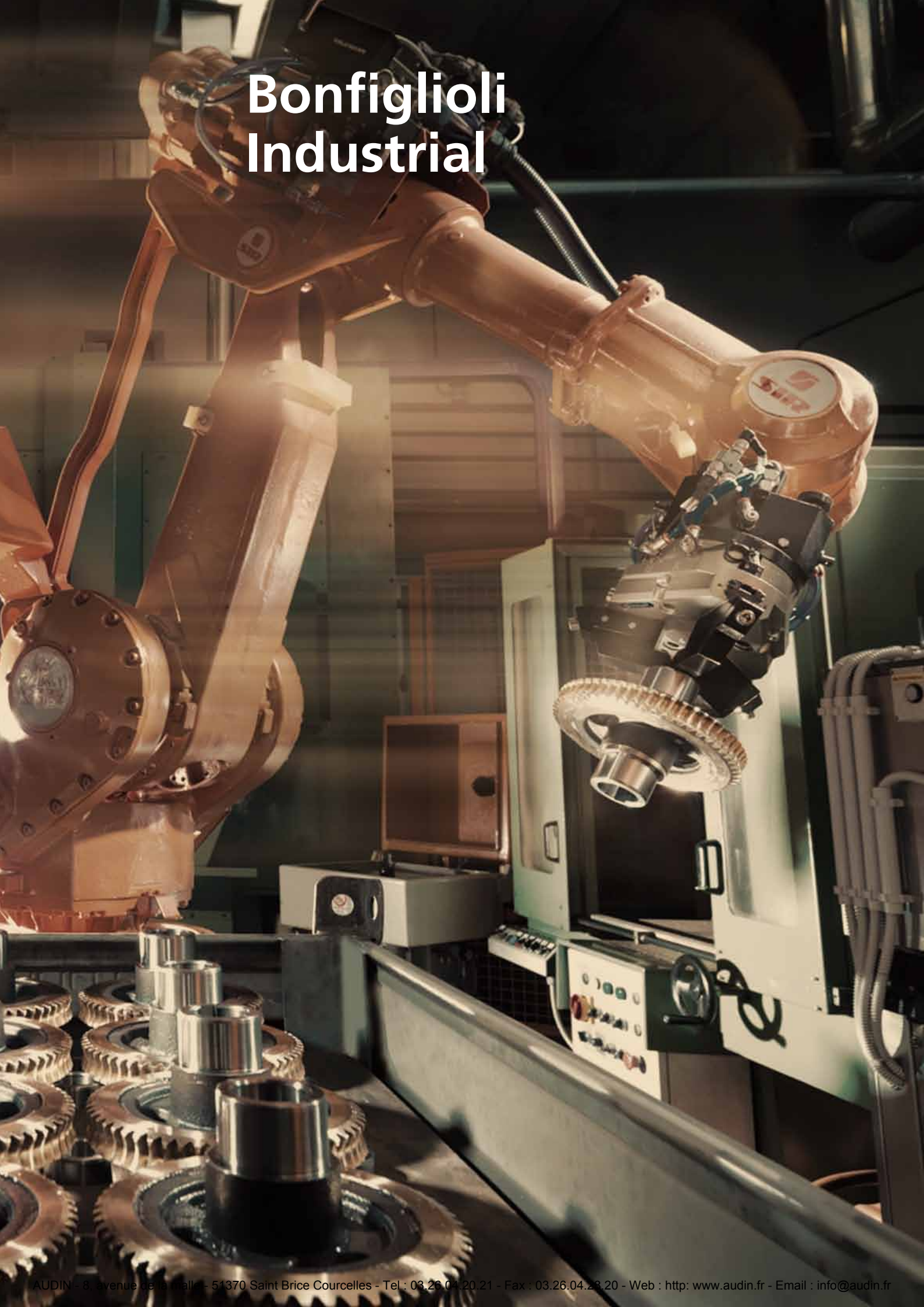
Optimised lean manufacturing principles, major investments in research and development to maintain a high level of innovation, a "local for local" service strategy, and a customer service network that is near to the customer and can rely on a large number of directly controlled subsidiaries and distributors all over the world, enable the Bonfiglioli group to be flexible and rapid and to stay in close touch with the changing needs of the markets it serves.

With the acquisition of the Vectron brand, Bonfiglioli established itself as leader in the industrial automation sector.

Bonfiglioli Vectron supplies products and services for completely integrated inverter solutions. These solutions complement Bonfiglioli's power transmission and control offering to the industrial sector.



Bonfiglioli Industrial

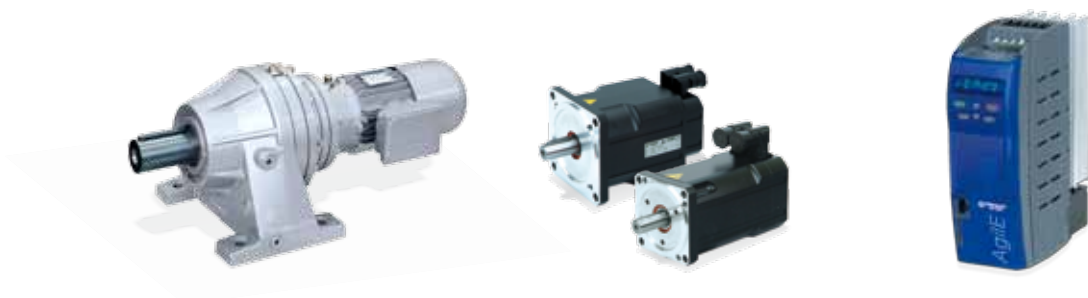


Specific solutions for power transmission and motion control.

Product diversification, process automation, and quality have enabled Bonfiglioli to play a leading role in industry.

Bonfiglioli's policy focuses on integrated solutions, competence, innovative technology and careful production planning as key factors in guaranteeing customer satisfaction.

The Bonfiglioli product portfolio aims at meeting the toughest and most sophisticated requirements in industrial processes and automation solutions.



Bonfiglioli products

Industrial market segment is covered through the following Product Lines:



Product offer

Helical gearmotors

- 10 C series
 - 11 S series
 - 12 F series
 - 13 A series
-

Worm gearmotors

- 14 VF and W series
-

Planetary gear units

- 15 300 series
-

Helical gear units

- 16 TA series
 - 17 HDP series
 - 18 HDO series
-

Bevel gears

- 19 RAN series
-

Industry-specific solutions

- 20 EP series
 - 21 ATEX compliant gear units
-

Precision gearboxes

- 22 LC series
 - 23 LCK series
 - 24 MP series
 - 25 TR series
 - 26 SL series
 - 27 KR series
 - 28 TQ series
-

Mechanical speed variators

- 29 V series
-

Electric motors

- 30 BN series
 - 31 BE series
 - 32 BS series
 - 33 BC series
 - 34 BTD series
 - 35 BCR series
-

AC drives

- 36 AGILE
 - 37 ACTIVE
 - 38 ACTIVE CUBE
 - 39 VCB series
 - 40 SYNTHESIS
-

42 Values

44 Worldwide

C series

In-line helical gearmotors



When Customers benefit from the know-how developed over the years.

Top torque density, product variety, extremely wide speed choice, great compactness and price effectiveness make the C series the unparalleled line of helical gearmotors and speed reducers.

Torque range

45 ... 12000 Nm

Mechanical rating ($n_1 = 1400 \text{ min}^{-1}$)

0.08 ... 213 kW

Gear ratios

2.6 ... 1481

Output

Foot and flange mount

Metric or inch series solid output shaft

Input

IEC and NEMA motor adaptors

Metric or inch series solid input shaft

Applicable AC motors

Integral motors and brake motors - M series / ME series

IEC-normalized motors and brake motors - BN series / BE series

Single and dual speed motors

Main brake features

DC and AC supply

Faster brake engage/disengage through electronically

Controlled AC/DC rectifier type SB, NBR, SBR (options)

Main motor options

Thermistors and thermostates sensors

Separate supply forced ventilation

Line driver and push-pull incremental encoder

Type	Torque [Nm]
C 05	45
C 11	100
C 21	200
C 31	300
C 35	450
C 41	600
C 51	1000
C 61	1600
C 70	2300
C 80	4000
C 90	7200
C 100	12000



S series

Single reduction helical gearmotors

Simplicity above all.

Simple and yet powerful is the S series, developed for the pump industry as well as the fan and blower application.

Foot and flange mounted, with shaft dimensions to the UNEL - MEC standard.

Type	Torque [Nm]
S 10	21
S 20	37
S 30	70
S 40	125
S 50	200

Torque range

21 ... 200 Nm

Mechanical rating ($n_1 = 1400 \text{ min}^{-1}$)

0.12 ... 11.6 kW

Gear ratios

1.4 ... 13.1

Output

Foot and flange mount

Input

IEC-normalized motor adaptors

Solid input shaft

Applicable AC motors

Integral motors and brake motors - M series / ME series

IEC-normalized motors and brake motors - BN series / BE series

Single and dual speed motors

Main brake features

DC and AC supply

Faster brake engage/disengage through electronically

Controlled AC/DC rectifier type SB, NBR, SBR (options)

Main motor options

Thermistors and thermostates sensors

Separate supply forced ventilation

Line driver and push-pull incremental encoder

F series

Shaft mounted gearmotors

Ruggedness and effectiveness to the state-of-the-art.

No better, easier and neater installation than with a shaft mounted unit of the F series. Lightweight and performing, an F unit is the dependable drive for all the material handling applications.



Torque range

140 ... 14000 Nm

Mechanical rating ($n_1 = 1400 \text{ min}^{-1}$)

0.17 ... 125 kW

Gear ratios

6.4 ... 2099

Output

Keyed hollow shaft - two bore options per size
Keyless shrink disc fitting
Plug-in solid output shaft as an option

Input

IEC-normalized motor adaptors
Solid input shaft

Applicable AC motors

Integral motors and brake motors - M series / ME series
IEC-normalized motors and brake motors - BN series / BE series
Single and dual speed motors

Main brake features

DC and AC supply
Faster brake engage/disengage through electronically
Controlled AC/DC rectifier type SB, NBR, SBR (options)

Main motor options

Thermistors and thermostates sensors
Separate supply forced ventilation
Line driver and push-pull incremental encoder

Type	Torque [Nm]
F 10	140
F 20	250
F 25	400
F 31	600
F 41	1100
F 51	1800
F 60	2900
F 70	5000
F 80	8000
F 90	14000



A series Helical-bevel gearmotors

When efficiency and versatility meet each other.

The A series is the first product to prove equally good in regard to efficiency and versatility within a highly competitive context, both performance- and price-wise.

Type	Torque [Nm]
A 05	100
A 10	150
A 20	250
A 30	410
A 35	600
A 41	850
A 50	1500
A 55	2000
A 60	2800
A 70	5000
A 80	8000
A 90	14000

Torque range

100 ... 14000 Nm

Mechanical rating ($n_1 = 1400 \text{ min}^{-1}$)

0.22 ... 150 kW

Gear ratios

5.4 ... 1715

Output

Foot and shaft mount - two bore options per size

Keyless shrink disc fitting

Metric or Inch series solid output shaft

Taper bushings matching more shaft diameters

Splined hollow shaft to DIN 5480

Input

IEC and NEMA motor adaptors

Servomotor adaptors

Metric or inch series solid input shaft

Main gear options

Backstop

Reinforced bearings for higher overhung load capacity

Reduced backlash

Applicable AC motors

Integral motors and brake motors - M series / ME series

IEC-normalized motors and brake motors - BN series / BE series

Single and dual speed motors

Main brake features

DC and AC supply

Faster brake engage/disengage through electronically

Controlled AC/DC rectifier type SB, NBR, SBR (options)

Main motor options

Thermistors and thermostates sensors

Separate supply forced ventilation

Line driver and push-pull incremental encoder

VF W series Worm gears



A smart design enhanced by latest materials technology and advanced manufacturing. Wormgears of the VF and W series are milestones for the industry worldwide. They succeeded in combining uncompromising quality with state-of-the-art technology and renown price effectiveness.

Absolute flexibility is given by the wide choice of several mounting options, shaft configurations and motor interfaces, all offered as standard. The helical-worm and the double-worm versions, with or without the torque limiter, also add up, creating a highly versatile drive system.

Torque range

13 ... 7100 Nm

Mechanical rating ($n_1 = 1400 \text{ min}^{-1}$)

0.04 ... 75 kW

Gear ratios

7 ... 10000

Output

Keyed hollow shaft
Plug-in solid output shaft
Torque limiter as an option

Input

IEC-normalized motor adaptors
Solid input shaft

Applicable AC motors

Integral motors and brake motors - M series / ME series
IEC-normalized motors and brake motors - BN series / BE series
Single and dual speed motors

Main brake features

DC and AC supply
Faster brake engage/disengage through electronically
Controlled AC/DC rectifier type SB, NBR, SBR (options)

Main motor options

Thermistors and thermostates sensors
Separate supply forced ventilation
Line driver and push-pull incremental encoder

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	1500
VF 150	2000
VF 185	3600
VF 210	5000
VF 250	7100



300 series Planetary drives

A powerful solution to heavy duty drive needs.

Compact, and yet extremely powerful, are the units of the 300 series. Their planetary drive train makes them the ideal choice for all the severe duty applications where shock loadings and impacts are more the rule than the exception. The product configuration is highly versatile, due to several options as far as the mounting, the gear layout, the output shaft and the motor interface. All features are available for each of the 18 closely spaced frame sizes, spanning over the 1000 - 1100000 Nm torque range. Finding the perfect match to any drive problem is therefore more than a wish, it is something users can safely rely on - always.

Type	Torque [Nm]
300	1000
301	1750
303	2500
304	3600
305	5000
306	8500
307	12500
309	18000
310	25000
311	40000
313	55000
314	80000
315	100000
316	135000
317	170000
318	250000
319	350000
321	500000
323	800000
325	1100000

Torque range

1000 ... 1100000 Nm

Mechanical rating ($n_1 = 1400 \text{ min}^{-1}$)

up to 450 kW

Gear ratios

3.4 ... 5000

Gear unit versions

In line

Right angle (with Gleason bevel gear set)

Output

Foot and flange mounted

Output shaft: keyed solid, splined, splined hollow, hollow shaft with shrink disc

Input

IEC and NEMA motor adaptors

Solid input shaft with or without fan cooling - inch or metric dims.

Applicable AC motors

Compact motors and brake motors M series

IEC motors and brake motors BN series

Single and dual speed motors

Main brake features

DC and AC supply

Faster brake reaction through electronically controlled rectifier

Main motor options

Thermistors and thermostatic sensors

Independent forced cooling

Line driver and push-pull incremental encoder

TA series

Shaft mounted speed reducers

The sturdy and weather-resistant product for the material handling industry.

The TA series has long established itself in the industry until become a best seller for the quarry and mine applications where absolute reliability and low maintenance are key factors.

Also appreciated is the backstop option that prevents backdriving in case of incline conveyors.



Torque range ($n_1 = 900 \text{ min}^{-1}$)

150 ... 16000 Nm

Mechanical rating ($n_1 = 900 \text{ min}^{-1}$)

1.1 ... 156 kW

Gear ratios

5.0 ... 31.5

Output

Keyed hollow shaft

Up to three bore options per frame size

Gearcase

Sturdy cast iron housing suitable for outdoor installation

Backstop

Available on all frame sizes - externally accessible

Type	Torque [Nm]
TA 30	150
TA 35	400
TA 40	900
TA 45	1350
TA 50	2100
TA 60	3500
TA 70	4900
TA 80	6600
TA 100	10500
TA 125	16000



HDP series

Parallel shaft gear units

The new benchmark in the parallel shaft category.

Torque ratings consistently high, gear ratios in close progression, numerous mounting options along with compact dimensions will ease the engineering of any application. The housing from nodular cast iron ensures robustness even in the harshest environment and the class of precision the gears are machined into helps producing an extremely quiet and vibration-free operation.

Type	Torque [Nm]
HDP 60	5000
HDP 70	6850
HDP 80	12600
HDP 90	17650
HDP 100	25650
HDP 110	28900
HDP 120	37500
HDP 130	63250
HDP 140	79150
HDP 150	106550
HDP 160	133700
HDP 170	176350
HDP 180	194050

Torque range

5000 ... 194050 Nm

Gear ratios

7.1 ... 500

Mounting

Foot, flange, shaft mounting

Input

solid shaft, motor adapter

Output

solid (single and double extension), keyed hollow, shrink disc

Options

Fan cooling, cooling coil, heaters
 Independent cooling systems
 Backstop
 Non-contacting seals
 Forced lubrication
 Temperature and oil level sensors
 Drywell

HDO series

Bevel helical speed reducer

The heavy-duty product that matches performance and versatility with compactness. The new bevel helical series from Bonfiglioli optimises superior performance with compact dimensions and flexibility. The several options that can be selected from the catalogue facilitate customization to meet specific application requirements. Gear case from nodular cast iron guarantee rigidity in all circumstances while gears, integrally ground finished on their profile, ensure quiet and vibration-free operation even in the harshest conditions.



Torque range

25650 ... 194050 Nm

Gear ratios

5.6 ... 400

Mounting

Foot, flange, shaft mounting

Input

Solid shaft, lantern housing c/w flexible coupling double input shaft (pony drive)

Output

solid (single and double extension), keyed hollow, shrink disc

Options

Fan cooling, cooling coil, heaters
Independent cooling systems
Backstop
Non-contacting seals
Forced lubrication
Temperature and oil level sensors
Drywell for installations with vertical shaft

Type	Torque [Nm]
HDO 100	25650
HDO 110	28900
HDO 120	37500
HDO 130	63250
HDO 140	79150
HDO 150	106550
HDO 160	133700
HDO 170	176350
HDO 180	194050

RAN series Bevel gears



The handy drive when it comes to angled transmissions.

The units of the RAN series are designed to fit the purposes of transmissions laid out in right angle setting. Easy to fit and almost maintenance-free, RAN units offer multiple shaft arrangements and a choice of several exact gear ratios, beside the 1:1, that come handy when designing synchronized drive systems. Also available in the version for screw jack duty.

Type	Torque [Nm]
RAN 1	1350
RAN 2	3000
RAN 2R	3000
RAN 8	3
RAN 15	8
RAN 18	15
RAN 20	28
RAN 24	80
RAN 25	39
RAN 28	150
RAN 38	300
RAN 48	600

Torque range

3 ... 3000 Nm

Mechanical rating ($n_1 = 1400 \text{ min}^{-1}$)

0.15 ... 91 kW

Gear ratios

1.0 ... 7.4

Shaft arrangement

Single and double shaft projection

Input

Solid input shaft

RAN 1 / RAN 2 / RAN 2R

Input

Solid - single and double projection

Output shaft

Keyed hollow

Gear ratios

$i = 3$

Rated thrust capacity

RAN 1 50000 N

RAN 2 80000 N

RAN 2R 150000 N

W VF_EP series

Gearmotors for hostile environments

When multi-purpose products become specific and meet industry requirements. Wormgears and motors are also available in the enhanced protection "EP" configuration, featuring food grade specifications and extra corrosion protection, allowing for cleanability and sanification after operation. Besides the food processing, the EP configuration will also suit the requirements of the chemical and pharmaceutical industry as well as the marine on-board and quayside installations.



Applications

Food processing, chemical and pharmaceutical industry
Marine on-board and quayside installations
Corrosive and/or highly hygienic environments

Availability on

Gears: VF 44, VF 49, W 63, W 75, W 86
Motors: BN 63 ... BN 112 / M1SD ... M3LC

Standard features

Stainless steel hollow shaft
Stainless steel mounting hardware and tag
Oil seals loaded with stainless steel spring
Sealed gearcase (unvented)
Unused tapped holes closed with button plugs
Four draining holes on motor DE and NDE shield
Motor protection IP 56

Options

Epoxy primer+epoxy top coating FDA approved
Washdown duty oil seals
Food grade lubricant, class H1

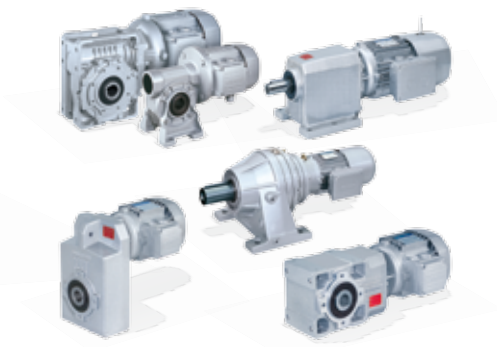
Configurations

Foot, flange and shaft mount

Accessories

Plug-in solid output shaft from stainless steel
Safety cover for the hollow output shaft
Torque arm

ATEX



Gearmotors for use in potentially explosive atmosphere.

ATEX-compliant gear units in categories 2G and 2D are available, according to the classification set forth by the European Directive 94/9/CE, applying to areas with presence of potentially explosive atmosphere. AC three-phase motors in category Ex II 2D 125 °C are also available in either the integral or the IEC design.

Coaxials series C

C11 ... C61

Bevel helicals series A

A10 ... A60

Shaft mounts series F

F10 ... F60

Worm gears series VF and W

VF30 ... VF49

W63 ... W110

Planetaries series 300

300 ... 321

Motors series M and BN

0.12 ... 3 kW

LC series

Low backlash gearboxes

Low backlash at a competitive price.

The LC Series of planetary gearboxes is characterised by low backlash, silent running and easy motor coupling.



Torque range

12 ... 300 Nm

Maximum acceleration torque

20 ... 450 Nm

Transmission ratios

3 ... 100

Output configuration

Flange mounting

Input configuration

Wide range of coupling configurations to suit most common servomotors

Maintenance

Lubricated for life

Type	Rated torque [Nm]
LC 050	12
LC 070	25
LC 090	43
LC 120	110
LC 155	300

Type	Acceleration torque [Nm]
LC 050	20
LC 070	35
LC 090	80
LC 120	190
LC 155	450

Type	Backlash [arcmin]	
	1 stage	2 stages
Standard	12	15
Reduced	6	8



LCK series

Low backlash right-angle gearboxes

The economical, precise and efficient solution wherever space is at a premium. LCK Series gearboxes offer the same exceptional performance as the LC in-line series, but their right-angle design makes them easier to install in tight spaces.

Type	Rated torque [Nm]
LCK 050	12
LCK 070	25
LCK 090	43
LCK 120	110
LCK 155	300

Type	Acceleration torque [Nm]
LCK 050	20
LCK 070	35
LCK 090	80
LCK 120	190
LCK 155	450

Type	Backlash [arcmin]	
	2 stages	3 stages
Standard	6	8

Torque range

10 ... 300 Nm

Maximum acceleration torque

20 ... 450 Nm

Transmission ratios

6 ... 100

Output configuration

Flange mounting

Input configuration

Wide range of coupling configurations to suit most common servomotors

Maintenance

Lubricated for life

MP series

Low backlash planetary gearboxes

High precision for excellent results.

The MP Series of low backlash planetary gearboxes is characterised by a wide range of mounting configurations, silent running, and superbly easy motor coupling.



Torque range

20 ... 1000 Nm

Maximum acceleration torque

30 ... 1200 Nm

Transmission ratios

3 ... 1000

Output configuration

Flange mounting

Input configuration

Wide range of coupling configurations to suit most common servomotors

Maintenance

Lubricated for life

Versions available



MP



MP - IS



MP - G



MP - MB

Type	Rated torque [Nm]
MP 053	20
MP 060	30
MP 080	70
MP 105	170
MP 130	450
MP 160	700
MP 190	1000

Type	Acceleration torque [Nm]
MP 053	30
MP 060	45
MP 080	100
MP 105	250
MP 130	700
MP 160	950
MP 190	1200

Type	Backlash [arcmin]		
	1 stage	2 stages	3 stages
Standard	15	15	17
Reduced	10	10	12



TR series

Low backlash planetary gearboxes

Maximum precision for highly dynamic applications.

TR Series planetary gearboxes set new standards for low backlash, superb reliability, extremely silent operation and compatibility with all leading brands of servomotor.

Type	Rated torque [Nm]
TR 053	20
TR 060	30
TR 080	70
TR 105	170
TR 130	450
TR 160	700
TR 190	1000

Type	Acceleration torque [Nm]
TR 053	30
TR 060	45
TR 080	100
TR 105	250
TR 130	700
TR 160	950
TR 190	1200

Type	Backlash [arcmin]		
	1 stage	2 stages	3 stages
Standard	5	5	7
Reduced	3	3	5

Torque range

20 ... 1000 Nm

Maximum acceleration torque

30 ... 1200 Nm

Transmission ratios

3 ... 1000

Output configuration

Flange mounting

Input configuration

Wide range of coupling configurations to suit most common servomotors

Maintenance

Lubricated for life

Versions available



MP



MP - IS



MP - G



MP - MB

SL series

Low backlash planetary gearboxes for pulley drives



Perfect for toothed belt drives.

The new SL Series from Tecnoingranaggi knows no rivals when it comes to compactness, efficiency and an optimised design for use with toothed belt drive systems. SL Series low backlash gearboxes are the ideal complement to servo-drive systems in applications that need to combine precision and high overhung loads with ultra-compact dimensions. SL Series gearboxes are also ideal for turntable applications without pulleys.

Torque range

18 ... 110 Nm

Maximum acceleration torque

35 ... 190 Nm

Transmission ratios

3 ... 10

Output configuration

Flange mounting

Input configuration

Wide range of coupling configurations to suit most common servomotors

Maintenance

Lubricated for life

Type	Rated torque [Nm]
SL 070	25
SL 090	43
SL 120	110

Type	Acceleration torque [Nm]
SL 070	35
SL 090	80
SL 120	190

Type	Backlash [arcmin]
Standard	12
Reduced	6



KR series

Low backlash right-angle gearboxes

The economical, flexible and efficient solution for low backlash right-angle drive systems.

The KR Series of low backlash, right-angle gearboxes delivers the best possible combination of precision, dynamics and compactness. A wide range of input and output configurations combined with a selection of transmission ratios give these gearboxes unrivalled flexibility.

Type	Rated torque [Nm]
KR 010	10
KR 020	24
KR 030	55
KR 040	120

Type	Acceleration torque [Nm]
KR 010	14
KR 020	35
KR 030	75
KR 040	170

Type	Backlash [arcmin]
Standard	8

Torque range

3 ... 120 Nm

Maximum acceleration torque

14 ... 170 Nm

Transmission ratios

1, 2, 5

Output configuration

Hollow shaft with keyway
Solid shaft, single or double sided
Hollow shaft with shrink disc
Mounting flange

Input configuration

Wide range of coupling configurations to suit most common servomotors

Maintenance

Lubricated for life

TQ series

Low backlash planetary gearboxes

The TQ Series of low backlash planetary gearboxes is designed to deliver the highest possible level of precision. Low backlash internals combined with a casing of high torsional rigidity guarantee extremely low total backlash. The chosen design solutions also permit high loads on the output shaft while still ensuring superbly silent operation.



Torque range

30 ... 800 Nm

Maximum acceleration torque

45 ... 1200 Nm

Transmission ratios

3 ... 100

Output configuration

Square flange mounting

Input configuration

Wide range of coupling configurations to suit most common servomotors

Maintenance

Lubricated for life

Type	Rated torque [Nm]
TQ 060	30
TQ 070	70
TQ 090	200
TQ 130	400
TQ 160	800

Type	Acceleration torque [Nm]
TQ 060	45
TQ 070	100
TQ 090	300
TQ 130	600
TQ 160	1200

Type	Backlash [arcmin]	
	1 stage	2 stages
Standard	3	5
TQ 060	4	6
TQ 070	4	6

V Series Mechanical speed variators



A conventional product optimised by re-engineering.

The completely renewed V Series features a brand new speed control mechanism that optimises functioning, extends the lifetime of key components, and allows the variator to run cooler and more silently than ever. V Series speed variators are available with an additional helical reduction stage and can be coupled to most Bonfiglioli gearboxes.

Type	Power kW
V 0.25	4
V 0.5	8
V 1	16
V 2	35
V 3	56
V 5.5	72
V 10	144

Max. to Min. speed setting

5.2 times

∞ Reduction through a differential unit

Transmissible power ($n_1 = 1400 \text{ min}^{-1}$)

0.18 ... 9,2 kW

Additional helical reduction stage

$i_N = 2.5 \dots 6.3$

Output configuration

Foot or flange mounting

Metric or Inch series solid output shaft

Compact and IEC coupling for helical and worm gearboxes

Speed setting

Manual by knob

Remote by servo mechanism

Optional speed measuring kit with display

Input configuration

Provision for IEC and NEMA standard motors

Solid input shaft

Applicable three phase motors

IEC standard and BN Series self-braking motors

BN series AC motors



A complete range of AC motors developed for gearmotor duty that will exceed expectations.

The IEC-normalized BN motors comply with all the applicable international standards, including the EMC and LV Directives. They are available in the 0.06 - 30 kW range in the foot and the flange mounting version, the latter in both the IM B5 and the IM B14 configuration. Single and dual pole versions available with generally, three brake options offered, one DC and two AC supply, lending further flexibility to the system. Finally, all motors are inverter duty.

kW rating (4 pole)

0.06 ... 30 kW

Frame sizes

56A ... 200L

Pole numbers

2, 4, 6, 8, 2/4, 2/6, 2/8, 2/12, 4/6, 4/8

Mounting options

Foot IM B3

Flange IM B5 and IM B14

Operation

50 Hz and 60 Hz

Compliance

2006/95/EC (LVD) and 2004/108/EC (EMC)

Inverter duty

All frame sizes

Housing

Cast aluminium

Main brake features

DC and AC supply

Faster brake engage/disengage through electronically

Controlled AC/DC rectifier type SB, NBR, SBR (options)

Main options

Thermistors and thermostates sensors

Separate supply forced ventilation

Line driver and push-pull incremental encoder

CSA and UL approved design

Type	kW rating
BN 56A	0.06
BN 56B	0.09
BN 63A	0.12
BN 63B	0.18
BN 63C	0.25
BN 71A	0.25
BN 71B	0.37
BN 71C	0.55
BN 80A	0.55
BN 80B	0.75
BN 80C	1.1
BN 90S	1.1
BN 90LA	1.5
BN 90LB	1.85
BN 100LA	2.2
BN 100LB	3
BN 112M	4
BN 132S	5.5
BN 132MA	7.5
BN 132MB	9.2
BN 160MR	11
BN 160M	15
BN 180M	18.5
BN 180L	22
BN 200L	30



BE series IE2 AC motors

Class IE2 high efficiency AC motors.

The IEC-normalized BE motors comply with IEC 60034-30:2008 (efficiency classes) and all the applicable international standards, including the EMC and LV Directives. They are available in the 0.75 - 22 kW range in the foot and the flange mounting version, the latter in both the IM B5 and the IM B14 configuration. Single pole version available with generally, two brake options offered, one DC and one AC supply, lending further flexibility to the system. Finally, all motors are inverter duty.

Type	kW rating
BE 80B	0.75
BE 90S	1.1
BE 90LA	1.5
BE 100LA	2.2
BE 100LB	3
BE 112M	4
BE 132S	5.5
BE 132MA	7.5
BE 132MB	9.2
BE 160M	11
BE 160L	15
BE 180M	18.5
BE 180L	22

kW rating (4 pole)

0.75 ... 22 kW

Frame sizes

80B ... 180L

Pole numbers

2, 4, 6

Mounting options

Foot IM B3

Flange IM B5 and IM B14

Operation

50 Hz and 60 Hz

Compliance

IEC 60034-30:2008 (IE), 640/2009/EC
2006/95/EC (LVD) and 2004/108/EC (EMC)

Inverter duty

All frame sizes

Housing

Cast aluminium

Main brake features

DC and AC supply

Faster brake engage/disengage through electronically controlled AC/DC rectifier type SB, NBR, SBR (options)

Main options

Thermistors and thermostates sensors

Separate supply forced ventilation

Line driver and push-pull incremental encoder

CSA and UL approved design

BS series

Single-phase induction motors

A range of motors dedicated to domestic and light workshop duty.

Single-phase motors of the BS series are manufactured to the applicable IEC standards and are of the enclosed type, externally ventilated and with run capacitor permanently connected.

Motors are available in the B5 and B14 flange mountings, in the 4-pole execution. For applications requiring high starting torque the version with both the run and the starting capacitor can be specified.



kW ratings

0.06 ... 1.5 kW

Frame sizes

56A to 90L

Poles

4

Mounting

Flange mounting IM B5 and IM B14

Frequency

50 and 60 Hz

European norms

2006/95/EC (LVD) and 2004/108/EC (EMC)

Housing

Cast Aluminium

Main options

Starting and run capacitors
Bimetal thermal protector
Balanced winding

Type	kW rating
BS 56A	0.06
BS 56B	0.09
BS 63A	0.12
BS 63B	0.18
BS 71A	0.25
BS 71B	0.37
BS 80A	0.55
BS 80B	0.75
BS 90S	1.1
BS 90L	1.5



BC series DC motors

A comprehensive range of permanent magnet DC motors.

The motors of the BC series are the simple, proven and economical solution to the requirements of DC drives. The materials and the design concepts exploited allow the use of BC motors under the severest duty and with 4-quadrants thyristor converters. Motors can be operated in the -20 to +40 °C temperature range and are IP54 protected and class F isolated.

Type	Torque [Nm]
BC 110	0.3
BC 120	0.8
BC 140	1.4
BC 220	0.9
BC 240	1.2
BC 270	2.2
BC 310	4.5

Torque range

0.3 ... 4.5 Nm

Speed

1500, 2000, 3000 min⁻¹

Supply

12, 24, 36, 48,65, 110, 180, Vdc

Configurations

IM B5 and IM B14 Flange Mount

Ventilation

BC110 ... BC140 non-ventilated

BC220 ... BC310 TEFC

BTD series

AC brushless servomotors

A range of compact servomotors.

BTD Series servomotors are designed to provide effective solutions for applications demanding high efficiency, compact motors. The extremely small size of these actuators, achieved by the use of advanced materials and design technology, ensures exceptional dynamics and low temperature operation. Equipped with IP65 push-pull connectors (IP67 connectors are optional), in conformity to EMC requirements, and a PTC temperature probe with reinforced insulation, these motors guarantee secure electrical connections under all ambient operating conditions.



Stall torque

0.26 ... 27 Nm

Rated speed

3000, 4500 min⁻¹

Power supply

230, 400 Vac

Inertia

Low for BTD sizes from 0.26 Nm ... to 1 Nm

Conformity

2006/95/EC (LVD) and 2004/108/EC (EMC)

DC brake

Optional 24 Vdc

Certification

CE, UL

Type	Torque [Nm]
BTD2 0026	0.26
BTD2 0053	0.53
BTD2 0074	0.74
BTD2 0095	0.95
BTD3 0095	0.95
BTD3 0190	1.9
BTD3 0325	3.25
BTD3 0420	4.2
BTD4 0410	4.1
BTD4 0630	6.3
BTD4 0860	8.6
BTD5 1160	11.6
BTD5 1490	14.9
BTD5 1870	18.7
BTD5 2730	27.3



BCR series AC brushless servomotors

A range of high performance servomotors.

BCR Series servomotors are designed to satisfy the needs of continuous and transient high torque applications. Thanks to a wide torque range and above average instantaneous overload ratings, BCR servomotors are robust enough for even the most demanding drive applications. Equipped with IP65 push-pull connectors (IP67 connectors are optional), in conformity to EMC requirements, and with a PTC temperature probe with reinforced insulation, these motors guarantee a secure electrical connection under all ambient operating conditions.

Type	Torque [Nm]
BCR2 0020	0.2
BCR2 0040	0.4
BCR2 0060	0.6
BCR2 0080	0.8
BCR3 0065	0.65
BCR3 0130	1.3
BCR3 0250	2.5
BCR3 0300	3
BCR4 0100	1
BCR4 0260	2.6
BCR4 0530	5.3
BCR4 0750	7.5
BCR5 0660	6.6
BCR5 1050	10.5
BCR5 1350	13.5
BCR5 1700	17
BCR5 2200	22
BCR6 1350	13.5
BCR6 1900	19
BCR6 2200	22
BCR6 2900	29
BCR7 2700	27
BCR7 3200	32
BCR7 4000	40
BCR8 0400	40
BCR8 0680	68
BCR8 0930	93
BCR8 1150	115

Stall torque

0.2 ... 115 Nm

Rated speed

2000, 3000, 4500 rpm

Power supply

230, 400 Vac

Inertia

Low for BCR sizes from 0.2 Nm ... to 1 Nm

Conformity

2006/95/EC (LVD) and 2004/108/EC (EMC)

DC brake

Optional 24 Vdc

Certification

CE, UL

Agile Frequency Inverter



Innovative, eco-friendly, user-friendly.

Agile series provide in a sensorless vector inverter innovations able to boost plant efficiency through open loop vector control of brushless motors, MMC memory cards and web control.

Agile inverters are easy to install, program and quick to start-up without the needs of specialized resources.

Power range

0.25 kW - 11 kW / three-phase 320 V ... 530 V / 45 Hz... 69 Hz

Motor compatibility

Two types of motor:

Asynchronous AC motors

Permanent magnet synchronous (brushless) motors

Type of control

Selectable control function:

V/f control for asynchronous motors

Sensor-less vector control for asynchronous motors

Sensor-less vector control for brushless motors

Degree of protection

IP20 (EN 60529)

Main hardware features

Power supply from common DC bus

Integrated braking module

Short circuit / ground fault protection

Integrated Safe Torque Off safety system

Plug-in and programmable control terminals

6 digital inputs, 2 multifunctional A/D inputs

1 multifunctional I/O, 1 digital output

1 multifunctional A/D/pulse output, 1 relay output (alarm)

available power outputs: +24 V DC, +10 V DC

optional separate 24 V DC electronic power supply

standard serial interfaces: RS-232, RS485, Systembus

Integrated Modbus

Optional expansion modules

Resource Pack memory card

Optional communication modules

Profibus-DP, CANopen

PC software

VPlus suite

Main software features

Permanent motor tuning

Selective Multi-Motor Control (SMMC)

Energy saving function

Ready to use application masks

Integrated maintenance wizard

Alarm history

Motor and inverter state memory

Autodiagnosics

Integrated PLC function with graphic development environment

Integrated oscilloscope function

Customisable units of measurement

Type	Power kW
AGL402-02	0.25
AGL402-03	0.37
AGL402-05	0.55
AGL402-07	0.75
AGL402-09	1.1
AGL402-11	1.5
AGL402-13	2.2
AGL402-15	3.0
AGL402-18	4.0
AGL402-19	5.5
AGL402-21	7.5
AGL402-22	9.2
AGL402-23	11



Active Solution Drives

Versatility, rating, performances.

A full series of flexible solution drives that are versatile and extremely easy to use, featuring control for high performance and unbeatable advantages in their scalability and compact size.

Type	Power kW
ACT201-05	0.55
ACT201-07	0.75
ACT201-09	1.1
ACT201-11	1.5
ACT201-13	2.2
ACT201-15	3.0
ACT201-18	4.0
ACT201-19	5.5
ACT201-21	7.5
ACT201-22	9.2

ACT401-05	0.55
ACT401-07	0.75
ACT401-09	1.1
ACT401-11	1.5
ACT401-12	1.85
ACT401-13	2.2
ACT401-15	3.0
ACT401-18	4.0
ACT401-19	5.5
ACT401-21	7.5
ACT401-22	9.2

ACT401-23	11
ACT401-25	15
ACT401-27	18.5
ACT401-29	22
ACT401-31	30
ACT401-33	37
ACT401-35	45
ACT401-37	55
ACT401-39	65
ACT401-43	75
ACT401-45	90
ACT401-47	110
ACT401-49	132

Power range (ACT401)

0.55 - 132 kW / three-phase 360 V - 480 V / 50 Hz - 60 Hz ($\pm 10\%$)

Power range (ACT201)

0.55 - 9.2 kW / single or three-phase 200 V - 240 V / 50 Hz - 60 Hz ($\pm 10\%$)

Type of control

Selectable Vector control function:
sensor-less control, sensor-less field oriented control, field oriented control with encoder

Overload capacity

150% for 60s / 200% for 1s

Switching frequency

2, 4, 8, 12, 16 kHz

Enclosure

IP20 (EN 60529)

EMC filter

Integrated up to 9.2 kW (EN 61800-3)

Main standard hardware features

Integrated dynamic braking module, DC link connection, Standard encoder interface, Motor temperature monitoring, Plug-in power terminals (up to 3kW), Plug-in and programmable control terminals, 6 digital input, 1 multifunction input, 1 digital output, 1 multifunction Output, 1 relay output (changeover contact)

Optional expansion modules

Expansion of analog, digital inputs and outputs, additional encoder or resolver input, repetition frequency output, System bus

Optional communication modules

RS232, RS485, Profibus-DP, CANopen

Optional keypad

Removable keypad KP500 with copy function, Cabinet mounting kit and handheld for keypad

Optional PC software

VPlus for Windows operating system with set-up, terminal monitor, actual value window, scope function and teleservice

Main software features

Programmable reference value channel, Programmable start and stop characteristics, Motor potentiometer, Programmable S curve, 4 data sets, Auto start-up and commissioning, Auto reset after failure, Auto start after power failure, PI controller, Programmable logic and timer functions, Volume flow control, Bump-less torque / speed changeover, Master / Slave function with electronic gear, Enhanced positioning function, Mechanical brake control free of friction, Index and stability control, Intelligent current limits, Power failure regulation, Comprehensive monitoring and protection capabilities, High speed control, Function for lift, crane and winch applications, 3 different brake Management Functions.

Active Cube Solution & Servo Drive

Versatility, promptness, accuracy.

A full series of solution & servo drives, compact and flexible, dedicated both to high demanding industrial automation systems and to motion control architectures, in match with Bonfiglioli servomotors



Power range (ACU401)

0.25 - 132 kW / three-phase 360 V - 480 V / 50 Hz - 60 Hz (± 10%)

Power range (ACU201)

0.25 - 9.2 kW / single or three-phase 200 V - 240 V / 50 Hz - 60 Hz (± 10%)

Type of control

Selectable Vector control function: sensor-less control, sensor-less field oriented control, field oriented control with speed sensor, field oriented control of synchronous servomotors with speed/position sensor

Overload capacity

200% for 1min (size 01 and 03) / 150% for 1min (other ratings),
Shorter overload: 200% for 1sec all ratings

Switching frequency

2, 4, 8, 12, 16 kHz

Enclosure

IP20 (EN 60529)

EMC filter

Integrated up to 9.2 kW (EN 61800-3)

Main standard hardware features

Integrated safe torque off function, External 24Vdc supply for control board and electronics, Integrated dynamic braking module, DC link connection, Standard encoders interface, Resolver module for feedback acquisition from Bonfiglioli servomotors, Motor temperature monitoring, Plug-in power terminals (up to 3kW), Plug-in and programmable control terminals 6 digital input, 1 multifunction input, 1 digital output, 1 multifunction, Output, 1 relay output (changeover contact)

Optional expansion modules

Expansion of analog, digital inputs and outputs, additional encoder or resolver input and sincos encoder, repetition frequency output, System bus

Optional communication modules

RS232, RS485, Modbus, Profibus-DP, CANopen

Optional keypad

Removable keypad KP500 with copy function, Cabinet mounting kit and handheld for keypad

PC software VPlus

Windows-based engineering "workbench" with easy interface, Drive parameters set-up, Terminal monitor, Actual value window, Scope function, Bonfiglioli servomotors quick-configuration window, Motion block parameters management, Teleservice

Main software features

32 Programmable Motion blocks, 36 Homing functions according to CANopen DSP4.02, Unit converter, Jog function, Absolute and relative positioning modes, Touch probe, Teach-In functions, Rotary table control, Programmable reference value channel, Programmable start and stop characteristics, Motor potentiometer, Programmable S curve, 4 data sets, Auto start-up and commissioning, Auto reset after failure, Auto start after power failure, PI controller, Programmable logic and timer functions, Bump less torque / speed changeover, Master / Slave function with electronic gear, Index and stability control, Intelligent current limits, Power failure regulation, Comprehensive monitoring and protection capabilities, High speed control, Function for lift, crane and winch applications, 3 different brake Management Functions. Advanced application functions: advanced brake release control, spindle control up to 1000Hz, traverse function for winders, Volume flow control, load evaluation.

Type	Power kW
ACU201-01	0.25
ACU201-03	0.37
ACU201-05	0.55
ACU201-07	0.75
ACU201-09	1.1
ACU201-11	1.5
ACU201-13	2.2
ACU201-15	3.0
ACU201-18	4.0
ACU201-19	5.5
ACU201-21	7.5
ACU201-22	9.2

ACU401-01	0.25
ACU401-03	0.37
ACU401-05	0.55
ACU401-07	0.75
ACU401-09	1.1
ACU401-11	1.5
ACU401-12	1.85
ACU401-13	2.2
ACU401-15	3.0
ACU401-18	4.0
ACU401-19	5.5
ACU401-21	7.5
ACU401-22	9.2

ACU401-23	11
ACU401-25	15
ACU401-27	18.5
ACU401-29	22
ACU401-31	30
ACU401-33	37
ACU401-35	45
ACU401-37	55
ACU401-39	65
ACU401-43	75
ACU401-45	90
ACU401-47	110
ACU401-49	132



VCB series Frequency Inverter

Convenient in operation and flexible in application.

Reliable, highly compact and a robust choice for any application, this inverter with high-level functions soundly meets the requirements of a constantly evolving market.

Type	Power kW
VCB400-250	132
VCB400-300	160
VCB400-370	200
VCB400-460	250
VCB400-570	315
VCB400-610	355

Power range (VCB400)

132 kW - 800 kW, three-phase 320 V - 506 V, 45 Hz - 66 Hz

Type of control

Selectable Vector control function:
Sensor-less control, sensor-less field oriented control,
Field oriented control with encoder

Overload capacity

120% / 150% for 60s

Switching frequency

1 kHz up to 8 kHz

Enclosure

IP20 up to 355 kW (EN 60529) / IP54 on demand

Main standard hardware features

Three-phase 230 V and three-phase 500 V on demand
DC link connection, Plug-in and programmable control terminals
8 digital input, 3 analog input
2 digital output, 1 analog output
1 Relay output (changeover contact)

Optional expansion modules

Motor temperature monitoring, expansion of analog, digital inputs and outputs,
additional encoder or resolver input, repetition frequency output, Safety relay in
combination with expansion module

Optional communication modules

RS232, RS485, Profibus-DP, CANopen, LON

Optional keypad

Removable keypad KP100

Optional PC software

VPlus for Windows operating system with set-up, terminal monitor,
actual value window, scope function and teleservice

Main software features

Programmable reference value channel, Programmable start and stop characteristics,
Motor potentiometer, Programmable S curve, 4 data sets, Auto start-up and
commissioning, Auto start after power failure, PI controller, Volume flow control,
Bump-less torque / speed changeover, Master / Slave function with electronic gear,
Dynamic braking and motor chopper, Mechanical brake control free of friction,
Intelligent current limits, Power failure regulation, Index and stability control,
Comprehensive monitoring and protection capabilities, Function for lift, crane and
winch applications

Synthesis AC Drive

Install and go.

The simple use, wide range of controls, integrated EMC filter, IP65 protection level and the limited size make the SYN10 a sound response to the broadest needs for electronic speed variation, where basic performance and contained costs are matched with robust construction and great reliability.



Power range (SYN10 S 220)

0.2 - 0.75kW 1 - Phase 200 - 240V / 50 - 60Hz (+10, -15%)
1.5 - 2.2kW 1 and 3 - Phase 200 - 240V / 50 - 60Hz (+10, -15%)

Power range (SYN10 T 400)

0.75 - 2.2kW 3 - Phase 380 - 460V / 50 - 60Hz (+10, -15%)

Type of control

V/f control with Torque Gain and Selectable Patterns

Overload capacity

150% for 60s

Switching frequency

4-16 kHz

Enclosure

IP20, IP65

EMC filter

Standard Integrated A Class (EN 61800-3)

Main standard hardware features

Integrated braking module (SYN10 S 220/07/09 - SYN10 T 400)

DC link connection (SYN10 S 220/07/09 - SYN10 T 400)

Inverter temperature monitoring

1 Analog Input (V or I selectable)

4 Digital Input (programmable multifunction)

1 Analog Output (voltage linear)

1 Relay output (programmable multifunction)

Keypad

Integrated standard

Main functions

I2t Motor temperature monitoring

DC braking injection

Selectable Volt on Hz characteristic

JOG frequency

Selectable Auto-restart

Selectable stop method

Automatic alarm reset

Alarm history

Momentary power loss prevention

Stall prevention

Output Short-Circuit protection

Grounding fault protection

Heat sink overheat protection

Current limit

Type	Power kW
SYN10S-001	0.2
SYN10S-003	0.4
SYN10S-005	0.75
SYN10S-007	1.5
SYN10S-009	2.2
SYN10S-005	0.75
SYN10S-007	1.5
SYN10S-009	2.2

Our qualities



Sharing the value of our work with you.



The development of effective, tailored solutions for a wide range of applications is a fundamental aspect of our work.

We succeed in this because we co-operate closely with our customers, listen to their requests and work with them to improve our own performance.



Bonfiglioli is determined to deliver the best service possible – before, during and after the sale of any of our products – by applying all our know-how, experience, technology, and advanced communication tools. Bonfiglioli works to the strictest standards of quality and safety, as certified by seven different internationally recognised institutes.



We believe in innovation, and back up this belief by dedicating 100 of our people and 5 activity centres to research and development, and by working hand in hand with some of the world's most prestigious universities.

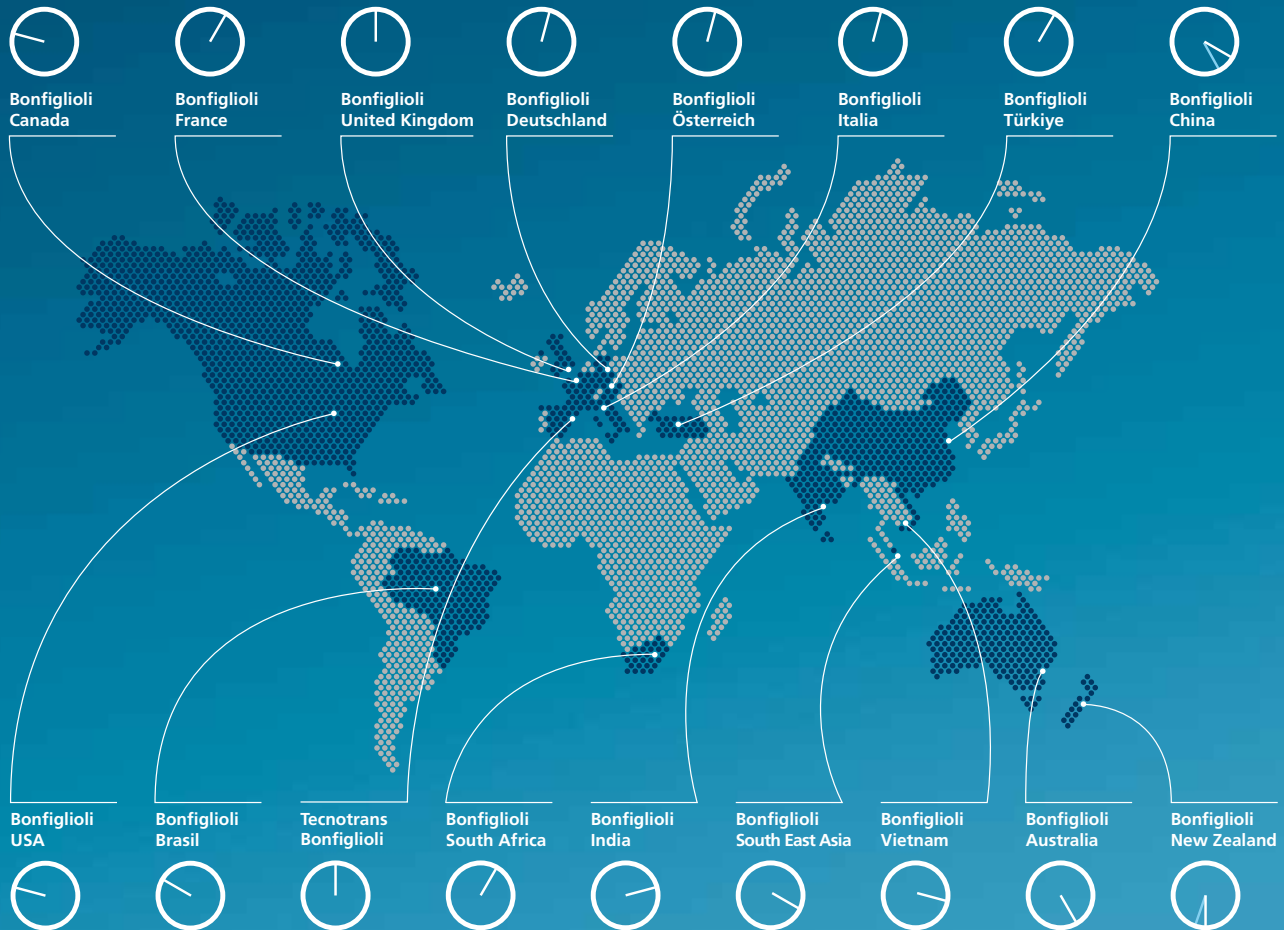
Our work increasingly brings us into contact with other nations and cultures, for which we have the greatest respect and with whom we share a vision of sustainable development based on renewable energy.

This bond of commitment allows us to be an authoritative and reliable global partner for the present and the future.



Branches and facilities

Our branches



Our production facilities



Bonfiglioli is your partner worldwide for power transmission and motion control.

Customer satisfaction has always been one of Bonfiglioli's key values. It is pursued around the world, and in a wide range of contexts, by a network of subsidiaries located in 17 countries and on 5 continents.

Each subsidiary provides rapid and efficient pre-sales and after-sales service, and can guarantee prompt deliveries from local assembly plant and warehouses.

In addition to our directly controlled subsidiaries, Bonfiglioli can also rely on an extensive network of authorised dealers, selected for their ability to guarantee excellent pre-sales and after-sales assistance.

To give everybody the chance to purchase a Bonfiglioli product - anywhere.

This is the ambitious objective that drives the development of our added value sales networks, off and on-line.

BEST (Bonfiglioli Excellence Service Team) is one of the most modern sales organisations in the field of power transmission.

Our BEST partners can benefit from our local assembly plant and warehouses, our training courses and tools, and our promotional activities.

For the first time ever, manufacturer and distributors are working together from the product assembly stage and in the design of new applications, in a sharing process that sees one party transferring know-how and technology and the other partly providing a thorough knowledge of the local market.



Bonfiglioli worldwide network.

Bonfiglioli Australia

2, Cox Place Glendenning NSW 2761
Locked Bag 1000 Plumpton NSW 2761
Tel. (+ 61) 2 8811 8000 - Fax (+ 61) 2 9675 6605
www.bonfiglioli.com.au - sales@bonfiglioli.com.au

Bonfiglioli Brazil

Travessa Cláudio Armando 171 - Bloco 3
CEP 09861-730 - Bairro Assunção
São Bernardo do Campo - São Paulo
Tel. (+55) 11 4344 2323 - Fax (+55) 11 4344 2322
www.bonfigliolidobrasil.com.br
bonfiglioli@bonfigliolidobrasil.com.br

Bonfiglioli Canada

2-7941 Jane Street - Concord, Ontario L4K 4L6
Tel. (+1) 905 7384466 - Fax (+1) 905 7389833
www.bonfigliolicanada.com
sales@bonfigliolicanada.com

Bonfiglioli China

19D, No. 360 Pudong Road (S)
New Shanghai International Tower
200120 Shanghai
Tel. (+86) 21 69 225 500 - Fax (+86) 21 69 225 511
www.bonfiglioli.cn - bds@bonfiglioli.com.cn

Bonfiglioli Deutschland

Sperberweg 12 - 41468 Neuss
Tel. (+49) 02131 2988-0
Fax (+49) 02131 2988-100
www.bonfiglioli.de - info@bonfiglioli.de

Bonfiglioli España

TECNOTRANS BONFIGLIOLI S.A.
Pol. Ind. Zona Franca sector C, calle F, nº6
08040 Barcelona
Tel. (+34) 93 4478400 - Fax (+34) 93 3360402
www.tecnotrans.com - tecnotrans@tecnotrans.com

Bonfiglioli France

14 Rue Eugène Pottier BP 19
Zone Industrielle de Moimont II
95670 Marly la Ville
Tel. (+33) 1 34474510 - Fax (+33) 1 34688800
www.bonfiglioli.fr - btf@bonfiglioli.fr

Bonfiglioli India

PLOT AC7-AC11 Sidco Industrial Estate
Thirumudivakkam - Chennai 600 044
Tel. +91(0) 44 24781035 - 24781036 - 24781037
Fax +91(0) 44 24780091 - 24781904
www.bonfiglioliindia.com - info@bonfiglioliin.com

Bonfiglioli Italia

Via Sandro Pertini lotto 7b
20080 Carpiano (Milano)
Tel. (+39) 02 985081 - Fax (+39) 02 985085817
www.bonfiglioli.it
customerservice.italia@bonfiglioli.it

Bonfiglioli New Zealand

88 Hastie Avenue, Mangere Bridge, Auckland
2022, New Zealand - PO Box 11795, Ellerslie
Tel. (+64) 09 634 6441 - Fax (+64) 09 634 6445
npollington@bonfiglioli.com.au

Bonfiglioli Österreich

Molkereistr 4 - A-2700 Wiener Neustadt
Tel. (+43) 02622 22400 - Fax (+43) 02622 22386
www.bonfiglioli.at - info@bonfiglioli.at

Bonfiglioli South East Asia

No 21 Woodlands industrial park E1
#02-03 Singapore 757720
Tel. (+65) 6893 6346/7 - Fax (+65) 6893 6342
www.bonfiglioli.com.au
sales@bonfiglioli.com.sg

Bonfiglioli South Africa

55 Galaxy Avenue,
Linbro Business Park - Sandton
Tel. (+27) 11 608 2030 OR - Fax (+27) 11 608 2631
www.bonfiglioli.co.za
bonfigsales@bonfiglioli.co.za

Bonfiglioli Türkiye

Atatürk Organize Sanayi Bölgesi,
10015 Sk. No: 17, Çigli - Izmir
Tel. +90 (0) 232 328 22 77 (pbx)
Fax +90 (0) 232 328 04 14
www.bonfiglioli.com.tr
info@bonfiglioli.com.tr

Bonfiglioli United Kingdom

Industrial Equipment
Unit 7, Colemeadow Road
North Moons Moat - Redditch,
Worcestershire B98 9PB
Tel. (+44) 1527 65022 - Fax (+44) 1527 61995
www.bonfiglioli.co.uk
uksales@bonfiglioli-uk.com
Mobile Equipment
3 - 7 Grosvenor Grange, Woolston
Warrington - Cheshire WA1 4SF
Tel. (+44) 1925 852667 - Fax (+44) 1925 852668
www.bonfiglioli.co.uk
sales@bonfiglioli.co.uk

Bonfiglioli USA

3541 Hargrave Drive Hebron, Kentucky 41048
Tel. (+1) 859 334 3333 - Fax (+1) 859 334 8888
www.bonfiglioliusa.com
industrialsales@bonfiglioliusa.com
mobilesales@bonfiglioliusa.com

Bonfiglioli Vietnam

Lot C-9D-CN My Phuoc Industrial Park 3
Ben Cat - Binh Duong Province
Tel. (+84) 650 3577411 - Fax (+84) 650 3577422
www.bonfiglioli.vn - salesvn@bonfiglioli.com



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

Bonfiglioli Riduttori S.p.A.
Via Giovanni XXIII, 7/A
40012 Lippo di Calderara di Reno
Bologna (Italy)

tel: +39 051 647 3111
fax: +39 051 647 3126
bonfiglioli@bonfiglioli.com
www.bonfiglioli.com

1850 R8