

NEWSPACE MARKET · SECTOR CATALOGUE

# Other Products

Every unit we list in this sector — specifications, manufacturers and where to ask for a quote. Compiled from the live NewSpace Market catalogue.

**52**

PRODUCTS

**7**

MANUFACTURERS

**6**

COUNTRIES

**40**

WITH DATASHEETS

[newspacemarket.com/catalogues/other-products/](https://newspacemarket.com/catalogues/other-products/)

as of 2 September 2026

## What is inside

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This catalogue lists **52 other products** offered by **7 manufacturers** across **6 countries**. Of those, 40 carry a manufacturer datasheet and 0 publish a price; the rest are quoted on request — normal in this market, where configuration drives cost.

Entries are grouped alphabetically by manufacturer. Every product links back to its page on [newspacemarket.com](https://newspacemarket.com), where you will find the full specification, the datasheet and a quote form that reaches the manufacturer directly.

Compiled 2 September 2026 from the live catalogue. Specifications are as published by the manufacturers; we normalise units but do not re-measure. Where a figure looked implausible it was left out rather than guessed.

### Manufacturers by country

Germany **2**

Hungary **1**

France **1**

Italy **1**

India **1**

United States **1**

## All products at a glance

| PRODUCT                                                           | MANUFACTURER                  | COUNTRY | KEY SPECIFICATION                                                     | PRICE      |
|-------------------------------------------------------------------|-------------------------------|---------|-----------------------------------------------------------------------|------------|
| Accessories                                                       | WORK Microwave                | Germany | Connector box: 87152.002.00A                                          | on request |
| B-Micro Brushless DC-Servomotors                                  | FAULHABER Drive Systems       | Germany | Nominal voltage: UN                                                   | on request |
| BalMan, maneuvering stratospheric balloon                         | Hemeria                       | France  | Altitude: Between 16 and 22 km                                        | on request |
| BMCD39-channel Ka-band Indoor Tracking Downconverter              | Bonn Hungary Electronics Ltd. | Hungary | Frequency band: Ka                                                    | on request |
| BMCU21 – Ka-Band Upconverter                                      | Bonn Hungary Electronics Ltd. | Hungary | Frequency band: Ka-band                                               | on request |
| BPBC19 – X-band Outdoor 1:1 Redundant Solid State Power Amplifier | Bonn Hungary Electronics Ltd. | Hungary | Frequency band: C-band                                                | on request |
| BPBS44 – 100 W 1:1 Redundant S-band Outdoor Power Amplifier       | Bonn Hungary Electronics Ltd. | Hungary | Frequency band: S-band                                                | on request |
| Braking chopper                                                   | FAULHABER Drive Systems       | Germany | –                                                                     | on request |
| Brushed DC Motors                                                 | FAULHABER Drive Systems       | Germany | Operating temperature: -30 ... +85 °C (optional ve                    | on request |
| Brushless DC-motor with integrated Motion Controller   MCS        | FAULHABER Drive Systems       | Germany | Motor diameter: 15 ... 31 mm                                          | on request |
| Brushless DC-Motors                                               | FAULHABER Drive Systems       | Germany | Hall sensors: 3 discrete digital Hall sensors with a 120° phase shift | on request |
| Brushless DC-Motors with integrated Speed Controller   BRC        | FAULHABER Drive Systems       | Germany | Motor diameter: 15 ... 31 mm                                          | on request |
| Brushless DC-servomotors 2 pole technology   FAULHABER            | FAULHABER Drive Systems       | Germany | Nominal voltage: 24...48 V                                            | on request |
| Brushless DC-Servomotors 2 pole technology   FAULHABER B          | FAULHABER Drive Systems       | Germany | Nominal voltage: UN                                                   | on request |
| Brushless DC-servomotors 4 pole technology                        | FAULHABER Drive Systems       | Germany | Hall sensors: 3 discrete digital Hall sensors with a 120° phase shift | on request |
| Brushless flat DC-Micromotors with integrated Speed Controller    | FAULHABER Drive Systems       | Germany | Power supply electronic: UP                                           | on request |
| BSVX33 – X-Band STALO                                             | Bonn Hungary Electronics Ltd. | Hungary | Bandwidth: Narrowband                                                 | on request |
| BX4 SC                                                            | FAULHABER Drive Systems       | Germany | Peak torque: 17.5 mNm                                                 | on request |
| DC-Micromotors with graphite commutation   FAULHABER CR           | FAULHABER Drive Systems       | Germany | Operating temperature: -30 ... +85 °C                                 | on request |
| DC-Micromotors with graphite commutation   FAULHABER CXR          | FAULHABER Drive Systems       | Germany | Operational Lifetime: 1000 to 5000 hours                              | on request |

| PRODUCT                                                  | MANUFACTURER            | COUNTRY       | KEY SPECIFICATION                                              | PRICE      |
|----------------------------------------------------------|-------------------------|---------------|----------------------------------------------------------------|------------|
| DC-Micromotors with precious metal commutation           | FAULHABER Drive Systems | Germany       | Nominal voltage: UN [V]                                        | on request |
| DC-Motors with precious metal commutation   FAULHABER SR | FAULHABER Drive Systems | Germany       | Thermal resistance: winding to housing: 11 K/W                 | on request |
| DM-Micro                                                 | FAULHABER Drive Systems | Germany       | Outer diameter: 6 mm                                           | on request |
| DM-Ring                                                  | FAULHABER Drive Systems | Germany       | Motor design: DM                                               | on request |
| Encoders for DC Micro Motors                             | FAULHABER Drive Systems | Germany       | –                                                              | on request |
| FAULHABER Accessories                                    | FAULHABER Drive Systems | Germany       | PWM switching frequency: 96 kHz                                | on request |
| FAULHABER AM                                             | FAULHABER Drive Systems | Germany       | Number of angular degrees the motor moves per full-step: 1.8 ° | on request |
| FAULHABER DM-Dynamic                                     | FAULHABER Drive Systems | Germany       | Step angle (full step): 18 degree                              | on request |
| FAULHABER GXR                                            | FAULHABER Drive Systems | Germany       | Mass: 19 g                                                     | on request |
| FAULHABER SXR                                            | FAULHABER Drive Systems | Germany       | Nominal voltage: UN                                            | on request |
| Flat brushless motors with external rotor technology     | FAULHABER Drive Systems | Germany       | Tolerance for no-load speed: ±12 %                             | on request |
| Flat DC-Micromotors and DC-Gearmotors                    | FAULHABER Drive Systems | Germany       | Thermal resistance: – winding to housing: 11 K/W               | on request |
| Geared linear actuators                                  | FAULHABER Drive Systems | Germany       | Continuous output speed, max: 120 mm/s                         | on request |
| Haven Demo                                               | Vast Space              | United States | Mass: 552.19 kg                                                | on request |
| High torque brushless DC-motors 4 pole technology        | FAULHABER Drive Systems | Germany       | –                                                              | on request |
| Incremental Encoders                                     | FAULHABER Drive Systems | Germany       | Resolution: 1024 lines per revolution                          | on request |
| Linear actuators from FAULHABER                          | FAULHABER Drive Systems | Germany       | –                                                              | on request |
| Linear Motors                                            | FAULHABER Drive Systems | Germany       | Continuous force: 3.6 N                                        | on request |
| Linear stepper motors from FAULHABER                     | FAULHABER Drive Systems | Germany       | Resolution: 10 µm                                              | on request |
| Modified Drive Solutions                                 | FAULHABER Drive Systems | Germany       | –                                                              | on request |
| Motors with integrated Electronics                       | FAULHABER Drive Systems | Germany       | PWM switching frequency: high                                  | on request |
| Optical Components                                       | Media Lario             | Italy         | Shape accuracy: better than 20 nm                              | on request |
| Permanent magnet brakes for DC motors                    | FAULHABER Drive Systems | Germany       | –                                                              | on request |

| PRODUCT                                         | MANUFACTURER                  | COUNTRY | KEY SPECIFICATION               | PRICE      |
|-------------------------------------------------|-------------------------------|---------|---------------------------------|------------|
| Planetary Gearheads                             | FAULHABER Drive Systems       | Germany | Gearhead diameter: 22 ... 42 mm | on request |
| Precision Gearheads                             | FAULHABER Drive Systems       | Germany | –                               | on request |
| Pressurized stratospheric balloons              | Hemeria                       | France  | Altitude: Up to 20 km           | on request |
| Radar Amplifiers                                | WORK Microwave                | Germany | –                               | on request |
| Satellite Integration                           | Tata Advanced Systems (Space) | India   | –                               | on request |
| Spur Gearheads and Spur Gearheads zero backlash | FAULHABER Drive Systems       | Germany | –                               | on request |
| Stepper Motors                                  | FAULHABER Drive Systems       | Germany | Outer diameter: 6 ... 66 mm     | on request |
| Synthesizers                                    | WORK Microwave                | Germany | –                               | on request |
| Zero pressure stratospheric balloons            | Hemeria                       | France  | Altitude: Up to 45 km           | on request |

# Products by manufacturer

## Bonn Hungary Electronics Ltd.

HUNGARY · 5 PRODUCTS

Bonn Hungary Electronics Ltd. provides high-reliability RF components and subsystems for satellite and space missions. Their portfolio includes amplifiers, frequency converters, synthesizers, and SDR platforms.



BONN HUNGARY ELECTRONICS LTD.  
**BMCD39-channel Ka-band Indoor Tracking Downconverter**

The BMCD39 is a 3-channel C-band indoor tracking downconverter designed for excellent phase and amplitude balance between channels.

|                |          |
|----------------|----------|
| Frequency band | Ka       |
| Housing        | Indoor   |
| IF frequency   | 2940 MHz |

price on request



BONN HUNGARY ELECTRONICS LTD.  
**BMCU21 – Ka-Band Upconverter**

The BMCU21 is a Ka-Band Upconverter designed for space applications, featuring an indoor housing and AC power supply.

|                |         |
|----------------|---------|
| Frequency band | Ka-band |
| Housing        | Indoor  |
| IF frequency   | 70 MHz  |
| Power supply   | AC      |

price on request



BONN HUNGARY ELECTRONICS LTD.  
**BPBC19 – X-band Outdoor 1:1 Redundant Solid State Power Amplifier**

This X-band outdoor solid state power amplifier offers 100W RF power and a 1:1 redundant configuration for high reliability in satellite communication systems.

|                |               |
|----------------|---------------|
| Frequency band | C-band        |
| Housing        | Outdoor       |
| Output power   | 100 W         |
| Redundancy     | 1:1 redundant |

price on request



BONN HUNGARY ELECTRONICS LTD.  
**BPBS44 – 100 W 1:1 Redundant S-band Outdoor Power Amplifier**

This solid state power amplifier is designed for S-band satellite communications systems as an uplink SSPA, featuring 100 W output RF power and 1:1 hot redundant arrangement for hi

|                |               |
|----------------|---------------|
| Frequency band | S-band        |
| Housing        | Outdoor       |
| Output power   | 100 W         |
| Redundancy     | 1:1 redundant |

price on request   [datasheet](#)



BONN HUNGARY ELECTRONICS LTD.  
**BSVX33 – X-Band STALO**

This synthesizer is designed for professional applications requiring fast switching speed, low phase noise, and high reliability, operating effectively in harsh environmental condi

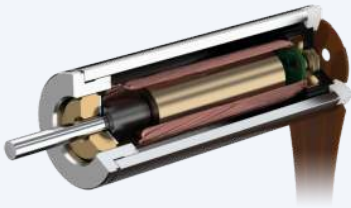
|                    |            |
|--------------------|------------|
| Bandwidth          | Narrowband |
| Highest frequency  | 6-12 GHz   |
| Housing            | Indoor     |
| Internal reference | TCX0       |
| Switching time     | 250-1000us |

price on request

**FAULHABER Drive Systems**

GERMANY · 38 PRODUCTS

FAULHABER Drive Systems manufactures DC-Motors, Brushless DC-Motors, Motors with integrated Electronics, Stepper Motors, Linear Motors, Precision Gearheads, Linear Actuators, Encoders, and Drive Electronics. They also provide accessories su



FAULHABER DRIVE SYSTEMS  
**B-Micro Brushless DC-Servomotors**

FAULHABER B-Micro brushless DC-servomotors offer high performance in a compact design, ideal for demanding space applications requiring precision and reliability.

|                                  |          |
|----------------------------------|----------|
| Nominal voltage                  | UN       |
| Terminal resistance, phase-phase | R ±12 %  |
| Efficiency, max.                 | Kmax.    |
| No-load speed                    | n0 ±12 % |
| Stall torque                     | MH       |

price on request   [datasheet](#)



FAULHABER DRIVE SYSTEMS  
**Braking chopper**

The FAULHABER braking chopper is an accessory designed to limit the supply voltage in drive systems, ensuring safe and efficient operation.

price on request   [datasheet](#)



#### FAULHABER DRIVE SYSTEMS

##### Brushed DC Motors

FAULHABER's brushed DC motors feature innovative winding technology, offering high performance and reliability for various applications, including those in aerospace and aviation.

|                           |                             |
|---------------------------|-----------------------------|
| Operating temperature     | -30 ... +85 °C (optional ve |
| Winding, max. permissible | +125 °C                     |
| Speed up to nmax.         | 12000 min-1                 |
| Number of pole pairs      | 1                           |
| Mass                      | 19 g                        |

[price on request](#) [datasheet](#)



#### FAULHABER DRIVE SYSTEMS

##### Brushless DC-motor with integrated Motion Controller | MCS

The FAULHABER MCS is a brushless DC motor with an integrated motion controller, offering a compact and efficient solution for various applications.

|                 |                                |
|-----------------|--------------------------------|
| Motor diameter  | 15 ... 31 mm                   |
| Motor length    | 25 ... 53 mm                   |
| Nominal voltage | 6 ... 24 V                     |
| Speed           | up to 25.000 min <sup>-1</sup> |
| Torque          | up to 5.9 mNm                  |

[price on request](#) [datasheet](#)



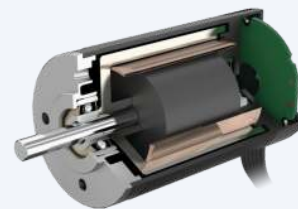
#### FAULHABER DRIVE SYSTEMS

##### Brushless DC-Motors

FAULHABER's brushless DC-motors offer high precision and dynamic performance, making them ideal for demanding applications in space exploration and satellite systems.

|                 |                                                         |
|-----------------|---------------------------------------------------------|
| Hall sensors    | 3 discrete digital Hall sensors with a 120° phase shift |
| Magnet material | SmCo and NdFeB                                          |

[price on request](#) [datasheet](#)



#### FAULHABER DRIVE SYSTEMS

##### Brushless DC-Motors with integrated Speed Controller | BRC

FAULHABER BRC series brushless DC-motors with integrated speed controllers offer a compact and efficient solution for various applications, including those in aerospace and aviation.

|                 |                                |
|-----------------|--------------------------------|
| Motor diameter  | 15 ... 31 mm                   |
| Motor length    | 25 ... 53 mm                   |
| Nominal voltage | 6 ... 24 V                     |
| Speed           | up to 25.000 min <sup>-1</sup> |
| Torque          | up to 5,9 mNm                  |

[price on request](#) [datasheet](#)



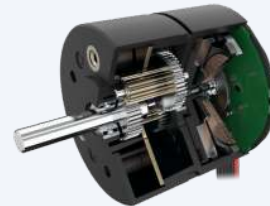
#### FAULHABER DRIVE SYSTEMS

### Brushless DC-servomotors 2 pole technology | FAULHABER

FAULHABER offers brushless DC-servomotors with 2-pole technology, suitable for demanding applications in aerospace and other high-precision industries.

|                   |                                 |
|-------------------|---------------------------------|
| Nominal voltage   | 24...48 V                       |
| Speed             | up to 100.000 min <sup>-1</sup> |
| Torque            | up to 217 mNm                   |
| Continuous output | up to 282 W                     |
| Motor diameter    | 6 ... 44 mm                     |

[price on request](#) [datasheet](#)



#### FAULHABER DRIVE SYSTEMS

### Brushless DC-Servomotors 2 pole technology | FAULHABER B

FAULHABER B series brushless DC-servomotors with 2-pole technology are designed for high-performance applications in space and other demanding industries.

|                                  |       |
|----------------------------------|-------|
| Nominal voltage                  | UN    |
| Terminal resistance, phase-phase | R     |
| Efficiency, max.                 | Kmax. |
| No-load speed                    | n0    |
| Stall torque                     | MH    |

[price on request](#) [datasheet](#)



#### FAULHABER DRIVE SYSTEMS

### Brushless DC-servomotors 4 pole technology

FAULHABER's BX4 series of brushless DC-servomotors offers high performance and efficiency in a compact design, suitable for demanding applications including those in aerospace.

|                 |                                                         |
|-----------------|---------------------------------------------------------|
| Hall sensors    | 3 discrete digital Hall sensors with a 120° phase shift |
| Magnet material | SmCo and NdFeB                                          |

[price on request](#) [datasheet](#)



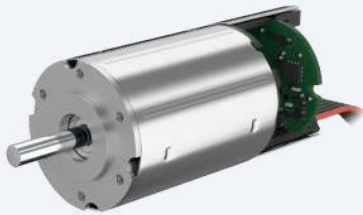
#### FAULHABER DRIVE SYSTEMS

### Brushless flat DC-Micromotors with integrated Speed Controller

FAULHABER B-Flat SC series offers compact, high-performance brushless DC-micromotors with integrated speed controllers, ideal for demanding space applications.

|                                           |                   |
|-------------------------------------------|-------------------|
| Power supply electronic                   | UP                |
| Power supply motor                        | U <sub>mot</sub>  |
| Nominal voltage for motor                 | UN                |
| No-load speed (at UN)                     | n0                |
| Peak torque (S2 operation for max. 3s/2s) | M <sub>max.</sub> |

[price on request](#) [datasheet](#)



#### FAULHABER DRIVE SYSTEMS

##### BX4 SC

The BX4 SC is a brushless DC-motor with an integrated speed controller, offering a compact and powerful solution for various applications.

Peak torque 17.5 mNm

[price on request](#) [datasheet](#)



#### FAULHABER DRIVE SYSTEMS

##### DC-Micromotors with graphite commutation | FAULHABER CR

FAULHABER CR series DC-Micromotors with graphite commutation offer high performance and reliability for demanding applications, including those in aerospace and aviation.

Operating temperature -30 ... +85 °C

Max winding temperature +125 °C

[price on request](#) [datasheet](#)



#### FAULHABER DRIVE SYSTEMS

##### DC-Micromotors with graphite commutation | FAULHABER CXR

The FAULHABER CXR series offers powerful and robust DC-micromotors with graphite commutation, designed for continuous operation and high performance in demanding applications.

Operational Lifetime 1000 to 5000 hours

PWM signal minimum frequency 20 kHz

[price on request](#) [datasheet](#)



#### FAULHABER DRIVE SYSTEMS

##### DC-Micromotors with precious metal commutation

FAULHABER DC-Micromotors with precious metal commutation are ideal for applications requiring high performance, reliability, and compact size, including those in aerospace and avia

Nominal voltage UN [V]

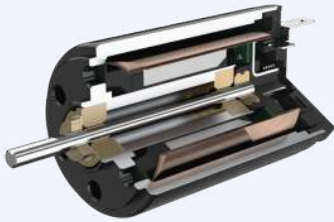
Terminal resistance R [Ω]

Rotor inductance L [μH]

Efficiency, max. ηmax. [%]

No-load speed n0 [min-1]

[price on request](#) [datasheet](#)



#### FAULHABER DRIVE SYSTEMS

### DC-Motors with precious metal commutation | FAULHABER SR

FAULHABER SR DC-Motors with precious metal commutation are designed for high-performance applications, offering reliability and precision.

|                                                                  |        |
|------------------------------------------------------------------|--------|
| Thermal resistance: winding to housing                           | 11 K/W |
| Thermal resistance: housing to ambient (external plastic flange) | 28 K/W |
| Thermal resistance: housing to ambient (external metal flange)   | 6 K/W  |
| Thermal time constant: winding                                   | 8.1 s  |
| Thermal time constant: housing (external plastic flange)         | 220 s  |

[price on request](#) [datasheet](#)



#### FAULHABER DRIVE SYSTEMS

### DM-Micro

Two-phase stepper motors with a magnetic disc, offering high power density and precise positioning in a compact design.

|                                |          |
|--------------------------------|----------|
| Outer diameter                 | 6 mm     |
| Number of steps per revolution | 20       |
| Holding torque                 | 0.25 mNm |

[price on request](#) [datasheet](#)



#### FAULHABER DRIVE SYSTEMS

### DM-Ring

The DM-Ring is a ring stepper motor featuring a very large aperture, designed for applications requiring precise motion control in compact spaces.

|                      |      |
|----------------------|------|
| Motor design         | DM   |
| Motor diameter       | 6 mm |
| Steps per revolution | 20   |

[price on request](#) [datasheet](#)



#### FAULHABER DRIVE SYSTEMS

### Encoders for DC Micro Motors

FAULHABER offers a range of incremental and absolute encoders designed for precise motion control in conjunction with DC micro motors, suitable for demanding applications including

[price on request](#)



## FAULHABER DRIVE SYSTEMS

### FAULHABER Accessories

FAULHABER offers a range of accessories including brakes, braking choppers, and electronic filters to complement their drive systems for various applications, including aerospace.

|                         |        |
|-------------------------|--------|
| PWM switching frequency | 96 kHz |
| Efficiency electronic   | 95 %   |

[price on request](#) [datasheet](#)



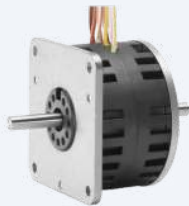
## FAULHABER DRIVE SYSTEMS

### FAULHABER AM

The FAULHABER AM series offers two-phase stepper motors with single magnets, providing precise positioning and high torque in a compact design, suitable for demanding applications

|                                                         |                         |
|---------------------------------------------------------|-------------------------|
| Number of angular degrees the motor moves per full-step | 1.8 °                   |
| Max. acceleration                                       | 2000 rad/s <sup>2</sup> |
| Max. operating frequency at no load                     | 100 Hz                  |
| Thermal time constant                                   | 70 s                    |
| Max. ambient temperature                                | 70 °C                   |

[price on request](#) [datasheet](#)



## FAULHABER DRIVE SYSTEMS

### FAULHABER DM-Dynamic

The FAULHABER DM-Dynamic is a 4-coil stepper motor designed for highly dynamic movement and precise positioning in demanding applications.

|                        |           |
|------------------------|-----------|
| Step angle (full step) | 18 degree |
|------------------------|-----------|

[price on request](#) [datasheet](#)



## FAULHABER DRIVE SYSTEMS

### FAULHABER GXR

The FAULHABER GXR series offers DC-motors with graphite commutation, providing high performance and reliability in a compact design.

|                                                 |                   |
|-------------------------------------------------|-------------------|
| Mass                                            | 19 g              |
| Number of pole pairs                            | 1                 |
| Operating temperature                           | -30 ... +85 °C    |
| Operating temperature winding, max. permissible | +125 °C           |
| Shaft bearings                                  | sintered bearings |

[price on request](#) [datasheet](#)



## FAULHABER DRIVE SYSTEMS

### FAULHABER SXR

DC-micromotors with innovative winding technology, suitable for demanding applications in aerospace and aviation.

|                     |                            |
|---------------------|----------------------------|
| Nominal voltage     | UN                         |
| Terminal resistance | R [Ω]                      |
| Rotor inductance    | L                          |
| Efficiency, max.    | $\eta_{\max}$ [%]          |
| No-load speed       | $n_0$ [min <sup>-1</sup> ] |

[price on request](#) [datasheet](#)



## FAULHABER DRIVE SYSTEMS

### Flat brushless motors with external rotor technology

FAULHABER's BXT series of flat brushless DC motors offers high torque in a compact design, ideal for space-constrained applications.

|                             |       |
|-----------------------------|-------|
| Tolerance for no-load speed | ±12 % |
|-----------------------------|-------|

[price on request](#) [datasheet](#)



## FAULHABER DRIVE SYSTEMS

### Flat DC-Micromotors and DC-Gearmotors

FAULHABER flat DC-micromotors and DC-gearmotors are ideal for applications requiring high power in a compact design, offering a robust and reliable solution for various drive tasks

|                                                              |        |
|--------------------------------------------------------------|--------|
| Thermal resistance: – winding to housing                     | 11 K/W |
| Thermal resistance: – housing to ambient (external plastic f | 28 K/W |
| Thermal resistance: – housing to ambient (external metal fla | 6 K/W  |
| Thermal time constant: – winding                             | 8,1 s  |
| Thermal time constant: – housing (external plastic flange)   | 220 s  |

[price on request](#) [datasheet](#)



## FAULHABER DRIVE SYSTEMS

### Geared linear actuators

FAULHABER's geared linear actuators are powerful and robust, designed for precise linear motion in demanding applications, including those in aerospace and aviation.

|                              |                         |
|------------------------------|-------------------------|
| Continuous output speed, max | 120 mm/s                |
| Peak output speed, max       | 150 mm/s                |
| Continuous input speed, max  | 15000 min <sup>-1</sup> |
| Peak input speed, max        | 20000 min <sup>-1</sup> |
| Continuous axial force, avg. | 305 N                   |

[price on request](#) [datasheet](#)



#### FAULHABER DRIVE SYSTEMS

### High torque brushless DC-motors 4 pole technology

FAULHABER's BP4 series offers high torque brushless DC motors with 4-pole technology, designed for demanding applications requiring high power density and reliability.

[price on request](#) [datasheet](#)



#### FAULHABER DRIVE SYSTEMS

### Incremental Encoders

FAULHABER Incremental Encoders provide precise position and speed feedback for various drive systems, available in optical or magnetic versions.

|                |                           |
|----------------|---------------------------|
| Resolution     | 1024 lines per revolution |
| Supply voltage | 5 V                       |

[price on request](#) [datasheet](#)

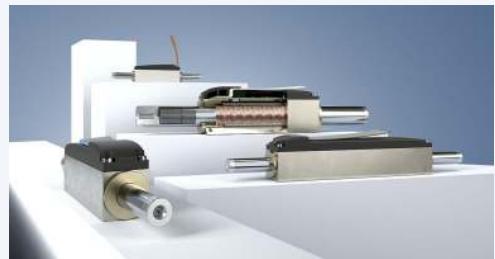


#### FAULHABER DRIVE SYSTEMS

### Linear actuators from FAULHABER

FAULHABER offers a range of linear actuators, including geared and direct drive options, designed for very high force applications.

[price on request](#)



#### FAULHABER DRIVE SYSTEMS

### Linear Motors

FAULHABER's compact linear motors offer high dynamics and precision, making them ideal for demanding applications in various industries, including aerospace and aviation.

|                    |           |
|--------------------|-----------|
| Continuous force   | 3.6 N     |
| Peak force         | 10 N      |
| Continuous current | 0.5 A     |
| Peak current       | 1.6 A     |
| Back-EMF constant  | 5.2 V/m/s |

[price on request](#) [datasheet](#)



#### FAULHABER DRIVE SYSTEMS

### Linear stepper motors from FAULHABER

FAULHABER's linear stepper motors offer precise positioning and high dynamic performance, making them ideal for demanding applications in various industries, including aerospace.

|            |            |
|------------|------------|
| Resolution | 10 $\mu$ m |
| Axial play | 30 $\mu$ m |

[price on request](#) [datasheet](#)

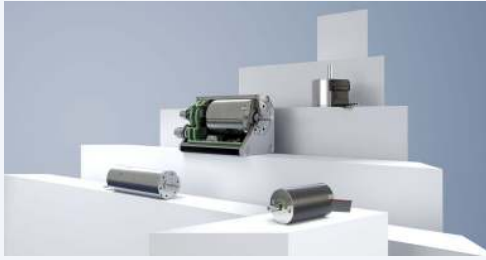


#### FAULHABER DRIVE SYSTEMS

### Modified Drive Solutions

FAULHABER offers adaptable drive solutions tailored to specific customer requirements, ensuring optimal performance in demanding space applications.

[price on request](#)



#### FAULHABER DRIVE SYSTEMS

### Motors with integrated Electronics

FAULHABER offers compact motors with integrated electronics, providing precise control and high performance for various applications, including space exploration.

PWM switching frequency high

[price on request](#) [datasheet](#)



#### FAULHABER DRIVE SYSTEMS

### Permanent magnet brakes for DC motors

FAULHABER permanent magnet brakes are designed for DC motors, offering reliable holding and emergency stop functions in various applications, including those in aerospace.

[price on request](#) [datasheet](#)



#### FAULHABER DRIVE SYSTEMS

### Planetary Gearheads

FAULHABER Planetary Gearheads are designed for maximum torque transmission in a compact form factor, ideal for demanding applications.

Gearhead diameter 22 ... 42 mm

Material stainless steel

Continuous torque 0.45 ... 18 Nm

Continuous input speed up to 15,000 min-1

Intermittent torque 0.6 ... 25 Nm

[price on request](#) [datasheet](#)

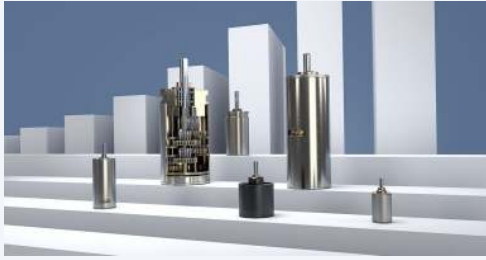


#### FAULHABER DRIVE SYSTEMS

### Precision Gearheads

FAULHABER offers a comprehensive range of precision gearheads, including planetary, spur, and zero-backlash spur gearheads, designed for demanding applications in various industries.

[price on request](#)



#### FAULHABER DRIVE SYSTEMS

### Spur Gearheads and Spur Gearheads zero backlash

FAULHABER Spur Gearheads offer high efficiency and precise speed reduction, available with or without zero backlash for demanding applications.

[price on request](#) [datasheet](#)



#### FAULHABER DRIVE SYSTEMS

### Stepper Motors

FAULHABER Stepper Motors are known for their long-lasting performance and compact design, making them ideal for precise positioning in various applications, including space exploration.

|                                |                               |
|--------------------------------|-------------------------------|
| Outer diameter                 | 6 ... 66 mm                   |
| Motor length                   | 9,5 ... 32,6 mm               |
| Number of steps per revolution | 20 / 24 / 100 / 200           |
| Holding torque                 | 0,25 (0,39) ... 307 (581) mNm |
| Speed range up to              | 16 000 min <sup>-1</sup>      |

[price on request](#) [datasheet](#)

## Hemeria

FRANCE · 3 PRODUCTS

HEMERIA designs, produces, and supplies space systems, vehicles, and defense equipment for commercial, institutional, and scientific customers.



#### HEMERIA

### BalMan, maneuvering stratospheric balloon

Hemeria develops an innovative stratospheric balloon, BalMan, capable of piloting its trajectory in the stratosphere, facilitating access to space at a lower cost and environmental.

|                 |                      |
|-----------------|----------------------|
| Altitude        | Between 16 and 22 km |
| Flight duration | Several months       |
| Payload         | Between 15 and 20 kg |
| Dimensions      | Ø = 20 m             |

[price on request](#) [datasheet](#)



#### HEMERIA

### Pressurized stratospheric balloons

Hemeria's pressurized stratospheric balloons are designed for long-duration missions in environmental studies or meteorology, offering low-cost access to the stratosphere.

|                 |                |
|-----------------|----------------|
| Altitude        | Up to 20 km    |
| Flight duration | Several months |
| Payload         | Up to 50 kg    |
| Dimensions      | 11 and 13 m    |

[price on request](#) [datasheet](#)



#### HEMERIA

### Zero pressure stratospheric balloons

Hemeria's zero pressure stratospheric balloons are primarily utilized by the scientific community for astronomy or astrophysics missions and by space companies for equipment testin

|                 |                                |
|-----------------|--------------------------------|
| Altitude        | Up to 45 km                    |
| Flight duration | A few hours up to several days |
| Payload         | Up to 2 tons                   |
| Volume          | ~ 3,000 m <sup>3</sup>         |

[price on request](#)

[datasheet](#)

## Media Lario

ITALY · 1 PRODUCT

Media Lario produces optical components and systems for space telescopes, satellite earth observation systems, and laser optical communications systems. Their products include optical systems, optical components, and mirrored panels.



#### MEDIA LARIO

### Optical Components

Media Lario offers high-precision optical components, including repli-formed, metallic, and glass mirrors and lenses, suitable for various space applications.

|                |                   |
|----------------|-------------------|
| Shape accuracy | better than 20 nm |
| Size           | up to 1.2 m       |

[price on request](#)

[datasheet](#)

Tata Group aerospace and defense manufacturer providing satellite Assembly, Integration and Testing (AIT) services for ISRO and commercial operators



TATA ADVANCED SYSTEMS (SPACE)

Satellite Integration

Tata Advanced Systems offers satellite assembly, integration, and testing services, including the development and launch of Earth Observation satellites like TSAT-1A.

price on request

Private space station developer building Haven-1, the world's first commercial space station, with launch services via SpaceX Falcon 9.



VAST SPACE

Haven Demo

Haven Demo is an in-space testbed designed to validate technologies for the Haven-1 space station, achieving mission success after deploying from the Bandwagon-4 rideshare mission.

|                    |             |
|--------------------|-------------|
| Mass               | 552.19 kg   |
| Power              | 1,100 W     |
| Orbit              | 45°, 510 km |
| Commissioning      | 5 Days      |
| Nominal Operations | 27 Days     |

price on request

WORK Microwave develops and manufactures RF electronics technologies and products. They create innovative RF electronics and digital signal processing, including satellite communication, optical ground station, virtualized DIFI solutions, d

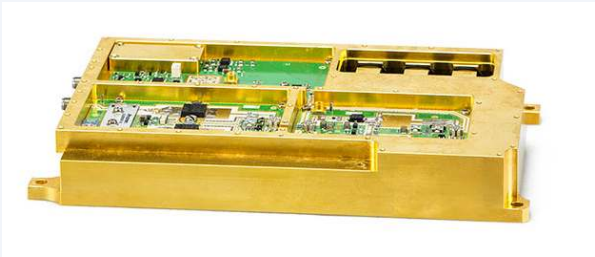


WORK MICROWAVE  
Accessories

WORK Microwave offers a range of accessories including connector boxes, connection cables, test kits, and replacement/mounting tools for sensors.

|                                   |               |
|-----------------------------------|---------------|
| Connector box                     | 87152.002.00A |
| Connector box with LED signalling | 87152.002.00B |
| Connection cable 2 m              | 03540.006.00A |
| Connection cable 10 m             | 03540.002.00B |
| Connection cable 20 m             | 03540.003.00A |

price on request   [datasheet](#)



WORK MICROWAVE  
Radar Amplifiers

WORK Microwave offers a wide range of amplifier types for radar systems, including high pulse power amplifiers, pre-amplifiers for L-band, and RF distribution amplifiers for phased

price on request



WORK MICROWAVE  
Synthesizers

Low noise, frequency agile local oscillator for frequency converters and radar applications.

price on request

## Manufacturers in this sector

### Bonn Hungary Electronics Ltd.

Hungary · 5 products

Bonn Hungary Electronics Ltd. provides high-reliability RF components and subsystems for satellite and space missions. Their portfolio includes amplifiers, frequency converters, synthesizers

### FAULHABER Drive Systems

Germany · 38 products

FAULHABER Drive Systems manufactures DC-Motors, Brushless DC-Motors, Motors with integrated Electronics, Stepper Motors, Linear Motors, Precision Gearheads, Linear Actuators, Encoders, and D

### Hemeria

France · 3 products

HEMERIA designs, produces, and supplies space systems, vehicles, and defense equipment for commercial, institutional, and scientific customers.

### Media Lario

Italy · 1 product

Media Lario produces optical components and systems for space telescopes, satellite earth observation systems, and laser optical communications systems. Their products include optical system

### Tata Advanced Systems (Space)

India · 2006 · 1 product

Tata Group aerospace and defense manufacturer providing satellite Assembly, Integration and Testing (AIT) services for ISRO and commercial operators

### Vast Space

United States · 2021 · 1 product

Private space station developer building Haven-1, the world's first commercial space station, with launch services via SpaceX Falcon 9.

### WORK Microwave

Germany · 3 products

WORK Microwave develops and manufactures RF electronics technologies and products. They create innovative RF electronics and digital signal processing, including satellite communication, opt

## Need a quote?

Open any product on [newspacemarket.com](https://newspacemarket.com) and send one request — it goes straight to the manufacturer. Comparing several? Add them to a list and send a single bulk request.

<https://newspacemarket.com/catalogues/other-products/>

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