

They can be designed as series (universal motor) or shunt motor. The series motor has a high starting torque, but its speed is heavily load-dependent. The speed of the shunt motor remains nearly constant and is controlled by the armature voltage. On request, motors can be foot-mounted or supplied with a different flange and/or drive-shaft diameter.

DC-Motors with housings can be found in robotics, medical and laboratory technology, door automation, special pumps and in industrial automation. External power electronics are not needed, making their application cost-effective.

The low-voltage-servo-motor of the "Black Panther"-series made by Groschopp distinguishes itself by having extreme high power density, exact positioning and high energy efficiency. The drive specialist from Viersen has now expanded the successful low-voltage-servos by introducing a more powerful design size. The new EGK80-40 comprises an integrated servo ...

Typical induction motors are suitable for both three-phase and single-phase current. Motors have a fixed speed, either 1,400 min<sup>-1</sup> (4-pole) or 2,800 min<sup>-1</sup> (2-pole). Advantages of these motors are a robust design as well as an excellent price-performance ratio. Through intensive development, Groschopp has succeeded in realizing a high power density in these motors, and as a

Groschopp supplies AC-motors in both single- and three-phase-current. Single-phase-current motors are often found in domestic appliances, pumps, fans, conveyor belts and machine tools. Application for three-phase-current motors can be found in various industrial drives like pumps, air blowers, metal-cutting machines or in conveyor technique.

Partnering with Groschopp means working with a small electric motor and gear motor manufacturer that strives for the American standard of quality. It means having a team of motor experts to find the best standard or custom solution for your application.

The KG series are housed DC-drives with revolving armatures. These can be designed as series (universal motor) or shunt motor. The series motor has a high starting torque, but its speed is heavily load-dependent. The speed of the shunt motor remains nearly constant and is controlled by the armature voltage. contact us!

With the ZKS series, Groschopp is launching a new gearbox with a combined worm/spur stage that replaces the current Z14 and Z20 models. The ZKS30 is available for an output torque of 30 Nm, with other versions planned. The ZKS30 is based on the VE31 with a center distance of 31 mm. Both gear units are compatible as far as motor mounting is ...

By activating the checkbox, you agree that the data you provide will be collected and stored electronically. Furthermore, you agree that Groschopp AG will send you information about the following products by e-mail: motors, gearboxes and controllers. You can retract this agreement at any time by message to us.

Permanent-magnet DC-motors are similar to shunt motors, but have a much higher starting torque. In addition, these motors need no excitation power (important for battery operation), and they are characterized by their very high quality of controllability. please contact us!

DC built-in motors are integrated in consumer devices and in electrical machines. One can find Groschopp drives in electrical switchgears for medium and high voltage, special pumps and industrial automation. They do not need external power electronics and for that reason they are cost-effective in speed controlling.

These motors, optimized for a sinusoidal current feed, are often described as "rotating-current-synchronous servo-motors" and produce a very constant and steady torque when operated ...

AC-housing motors of the IG-type-series, made by Groschopp, are specially robust, reliable, and offer high performance. Moreover, they boast a good price-performance ratio. The continuous development and the intelligent design of induction motors enable various mechanical and electrical adaptations suitable for a broad spectrum of applications. . . .

For all applications where weight reduction, corrosion resistance and economy are important. Whether induction, DC or permanently excited synchronous motors (servo motors) - Groschopp now offers motors in every functional principle in stainless steel. The various stainless steel motors from Groschopp are not only robust, durable and versatile, they also achieve ...

Depending on the application, the question of brushed or brushless motors may arise. We would like to briefly introduce you to the advantages of a BLDC motor and the alternatives available. Drive systems from Groschopp: Whether BLDC motor or brushed motor - Groschopp AG has the tailor-made solution for every application! To our data sheets

Groschopp AG has been supplying the company "Bienen Ruck" for more than 20 years with custom-specific motors. These special drives are incorporated in tangential and self-reversing honey extractor equipment available from special retailers. They have proved their worth so much, that a Groschopp-motor is regarded as "THE product of first choice" among beekeepers.

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The brushless AC-servo-motors produced by Groschopp AG are rounded up by these compact and dynamic motors of the model range EGK "Black Panther" and E174;. Robust and hygienic: The Silver-Line-model range.

Groschopp was one of the first manufacturers of servo-motors who, in 2006/2007, introduced a drive unit completely made of stainless steel on the market.

DC-Motors are used in industry, automobiles and households. Almost every food processor and every electrical tool is equipped with DC-drives. You can find drives from Groschopp AG in electrical switchgears for medium and high voltage, in medical applications (X-ray machines, magnetic resonance tomographs, etc.) and in sirens.

Three-phase and single-phase current motors with convection cooling can be used in many environments. They are characterized by a robust design. Due to the closed housing, they are protected against external influences. If required, the housing can be made resistant to chemical attacks by special coatings.

Servo-motors of the type series "Black Panther" are characterized by their high power density, dynamics and accuracy in positioning tasks. Operated together with a servo-controller, they generate a constant torque. the servo-motor can be equipped with various transmitter systems.

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