

## DC-Motors with Ferrite-Magnets GM55 - GM110 Series

### Typenübersicht

Typ Type Type	Bestell-Nr. ohne Bremse Order no. without brake No. de commande sans frein	Bestell-Nr. mit Bremse Order no. with brake No. de commande avec frein	Nennleistung (S-1) Rated power Puissance nominale	Nennmoment Rated torque Couple nominale
GM 55 K (#)	069a-515	069a-527	60 W	0.16 Nm
GM 55M	069a-500	069a-517	80 W	0.20 Nm
GM 55 L	069a-509	069a-512	110 W	0.30 Nm
GM 68 K	069a-520	069a-525	100 W	0.33 Nm
GM 68 M	069a-530	069a-526	130 W	0.42 Nm
GM 68 L	069a-540	069a-524	170 W	0.54 Nm
GM 82 K	069a-550	069a-561	130 W	0.42 Nm
GM 82 M	069a-570	069a-562	200 W	0.64 Nm
GM 82 L	069a-577	069a-580	240 W	0.75 Nm
GM 92 M	069a-584	069a-943	340 W	1.10 Nm
GM 92 L	069a-587	069a-563	430 W	1.40 Nm
GM 110 K	069a-583	069a-591	450 W	1.63 Nm
GM 110 L	069a-589	069a-593	500 W	1.90 Nm

(-#-) Typenbezeichnung für Motoren mit Haltebremse GM 55K/B24  
Type designation for motor with brake GM 55K/B24  
Type de moteur avec frein GM 55K/B24

### Standard Version

- Electric connections with 1 Meter wires
- Protection class IP 40
- Insulation class F
- Available with or without second shaft end
- Colour: Hammer blow grey
- Bearings in 2Z-version

### Special Version

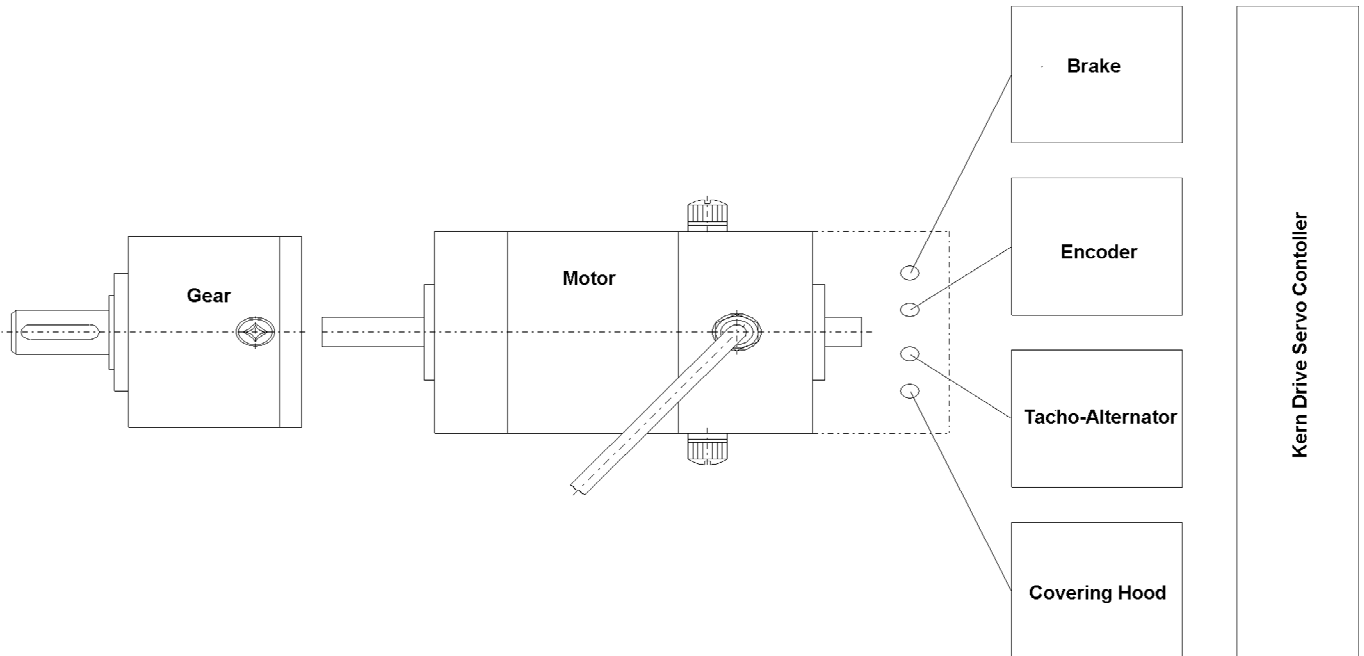
- Electric connection via plug connection
- Special voltages
- Customised motor shaft and connection flange
- Protection class IP 54

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## Accessories / Mounting Components



Gear	Motor	Brake	Encoder	Tacho-Alternator	Covering Hood	Controlling Device
Planetary gears of the PLE-series are available for all motors. An assignment of the gears to the distinct types of motors can be found on page D00029.PUB. A detailed description of the gears can be found in chapter 7 on the pages D00005.PUB D00008.PUB.	The technical data of the standard motors of GM55 to GM110 series can be found on the data sheets D00019.PUB D00028. PUB.	The brakes used are permanent magnet excited blocking brakes. The supply voltage of the brake is 24 Volt DC. The corresponding holding moments are assigned to the particular motors. The voltage supply takes place via a separate connection lead (customized designs upon request).	Optionally two types of encoders are available.  Type 1: 2-channel encoder with 500 or 1000 pulses per rotation  Type 2: 6-channel encoder with 500 or 1000 pulses per rotation  Both with a 5 Volt signal.	The tacho-alternators used are direct current tacho-alternators with a voltage constant 10 Volt per 1000 rpm (detailed information upon request).	For the protection of the second shaft end accessory covering hood is available.	An assignment of the servo controllers to the distinct motors can be found on page D00030.PUB. All servo controllers are described more detailed in chapter 5 on the Pages D00001.PUB and D00004. PUB.

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