

GMPI

As 12-volt and 24-volt motor with Interference suppression and hall sensors



Technical description

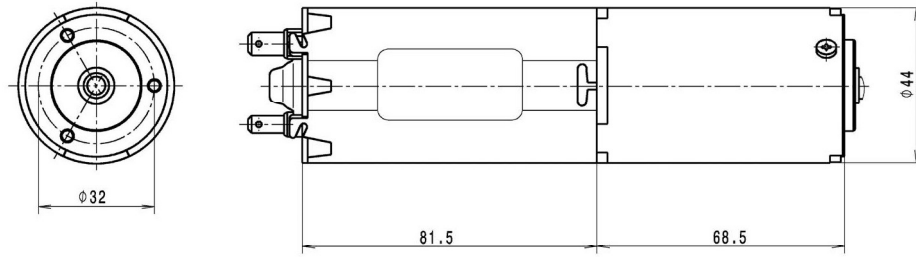
| | |
|--------------------------|--|
| Motor housing | Sheet steel, rolled protected against corrosion |
| Magnetic field | Permanent magnet |
| Type of transmission | Spur gear transmission |
| Transmission housing | Plastic |
| Gearwheel material | Plastic |
| Transmission lubrication | Grease, permanent lubrication |
| Mechanical interface | Drive shaft |
| Electrical interface | Plug or stranded wires with plug |
| Sensor | Optional |
| Thermal protection | Optional |
| Interference suppression | Optional |

Applications

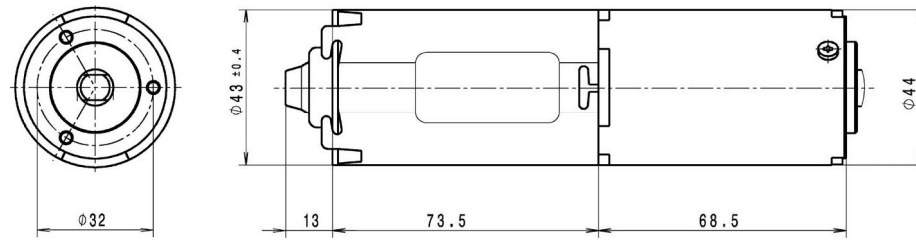
- Industry**
- Linear drives,
building technology
- Automobile**
- Rear spoiler adjustment

- Information
- GMK · GML
- GMP
- GMAG
- GMPI**
- GMPS
- GMPD
- GMPG
- SWMP
- DCK31
- DCK35
- SW2L
- SWNV
- SWMG
- SW3K

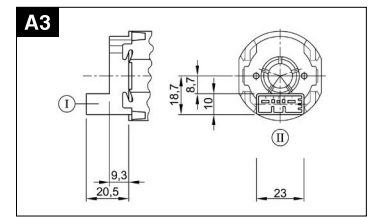
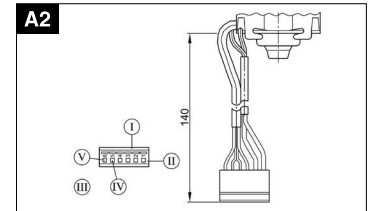
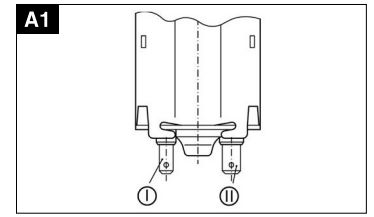
A1



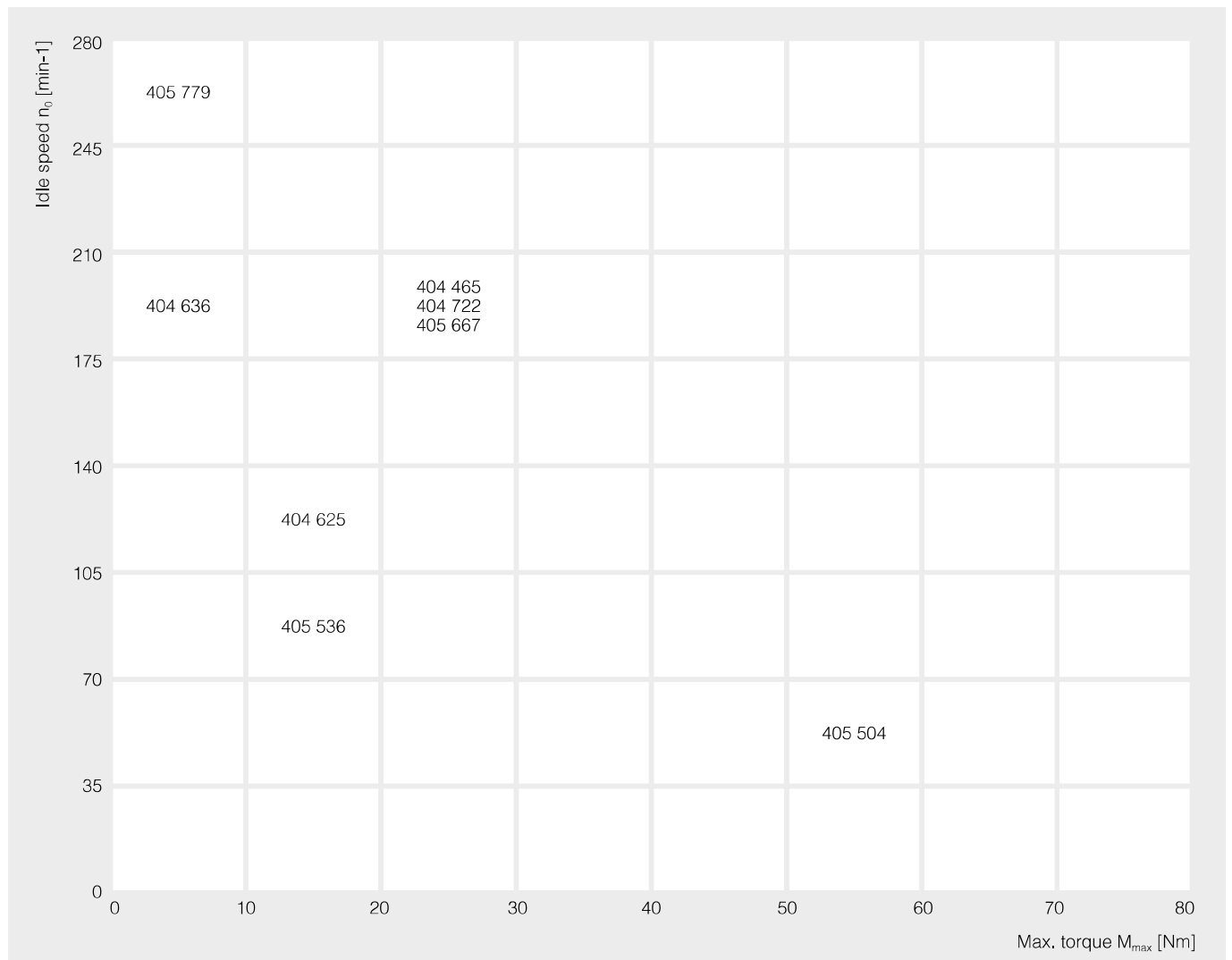
A2 + A3



Connections



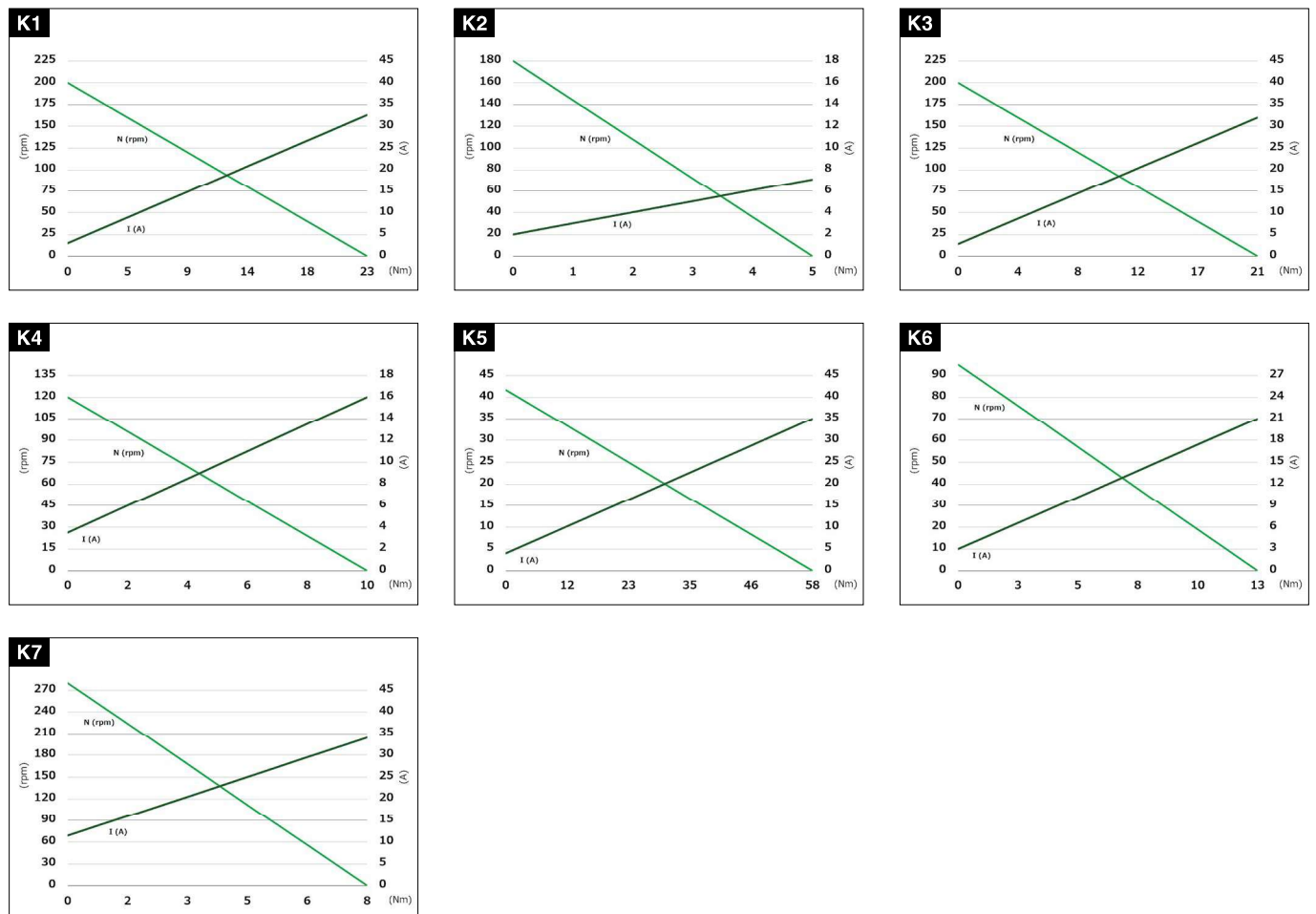
Product matrix



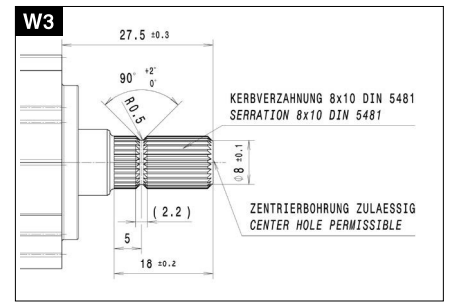
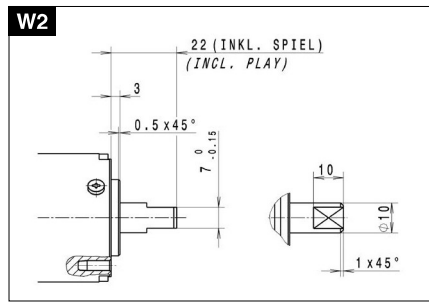
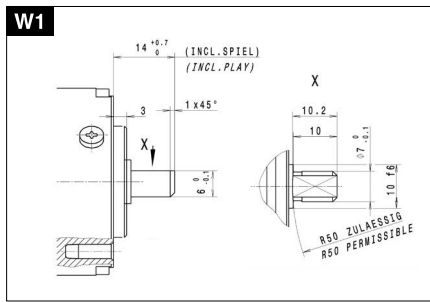
Overview

| Type | Nominal voltage | Max. torque | Idle speed | Nominal output | Nominal current | No-load current | Max. power | Hall sensors | Gear reduction | Gearwheel material | Thermal switch | Interference suppression | Transmission housing | Characteristic curve | Shaft | Electrical connection |
|---------|-----------------|-------------|------------|----------------|-----------------|-----------------|------------|--------------|----------------|--------------------|----------------|--------------------------|----------------------|----------------------|-------|-----------------------|
| 404 465 | 24.0 | 22.8 | 200.0 | 160.8 | 6.7 | 3.0 | 32.6 | N | 40:1 | K | N | J | --- | K1 | W1 | A1 |
| 404 625 | 12.0 | 10.2 | 120.0 | 57.5 | 4.3 | 3.5 | 16.1 | N | 40:1 | K | J | J | --- | K4 | W1 | A1 |
| 404 636 | 24.0 | 5.3 | 180.0 | 70.2 | 2.9 | 2.0 | 7.1 | 2 | 20:1 | K | N | J | --- | K2 | W2 | A2 |
| 404 722 | 24.0 | 23.1 | 200.0 | 160.8 | 6.7 | 3.0 | 33.0 | 2 | 40:1 | K | N | J | --- | K1 | W2 | A2 |
| 405 504 | 12.0 | 58.0 | 41.7 | 120.0 | 10.0 | 4.0 | 34.9 | 1 | 116:1 | K | N | J | --- | K5 | W3 | A3 |
| 405 536 | 12.0 | 12.5 | 95.0 | 35.3 | 2.9 | 3.0 | 21.1 | 2 | 40:1 | K | N | J | --- | K6 | W2 | A3 |
| 405 667 | 24.0 | 20.7 | 200.0 | 168.0 | 7.0 | 2.8 | 32.0 | N | 40:1 | K | N | J | --- | K3 | W2 | A1 |
| 405 779 | 12.0 | 7.7 | 280.0 | 173.6 | 14.5 | 11.5 | 34.1 | N | 40:1 | K | N | J | --- | K7 | W2 | A1 |

Characteristic curves



Shafts



- Information
- GMK · GML
- GMP
- GMAG
- GMPI**
- GMPS
- GMPD
- GMPG
- SWMP
- DCK31
- DCK35
- SW2L
- SWMV
- SWMG
- SW3K

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