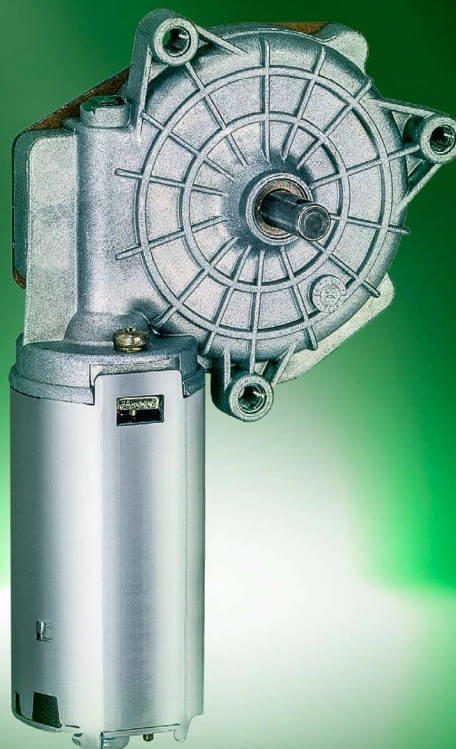


- Info
- GMK · GMM
- GMP · CM3-4
- GMAG
- GMP1
- CM3G
- GMPD
- GMPG
- SWMP**
- DCK31
- DCK35
- SW2L
- SWNV
- SWMG
- SW3K

# SWMP

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

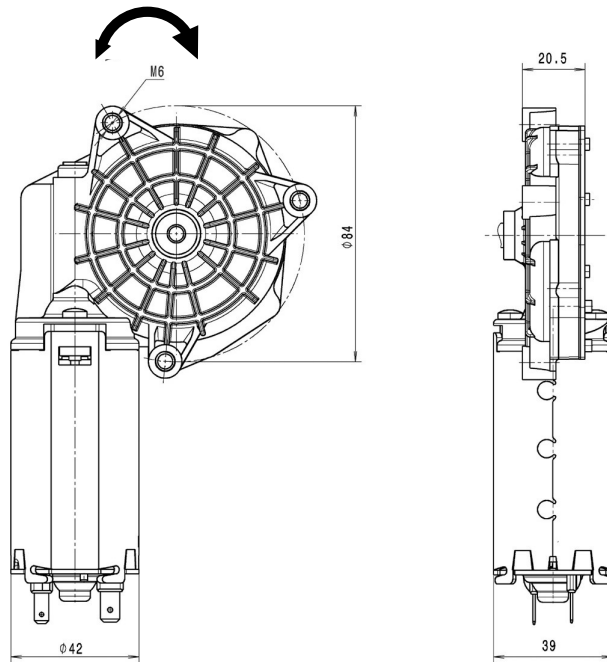


## Technical description

|                          |   |
|--------------------------|---|
| Motor housing            | Sheet steel, rolled and corrosion protection      |
| Magnetic field           | Permanent magnet                                  |
| Type of transmission     | Worm gear transmission                            |
| Transmission housing     | Zinc die casting                                  |
| Gearwheel material       | Plastic, metal                                    |
| Transmission lubrication | Grease, permanent lubrication                     |
| Mechanical interface     | Drive shaft                                       |
| Electrical interface     | Stranded wires with plug or tinned stranded wires |
| Sensor                   | Optional  |
| Thermal protection       | Optional  |
| Interference suppression | Optional  |

## Applications

**Industry**  
 General mechanical engineering, machines, agricultural technology, office machines, laboratory devices, medical technology, traffic and communication technology, photo/optics



Connections

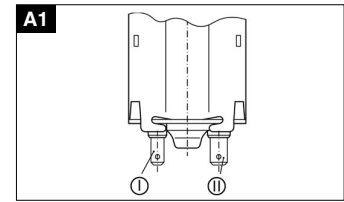
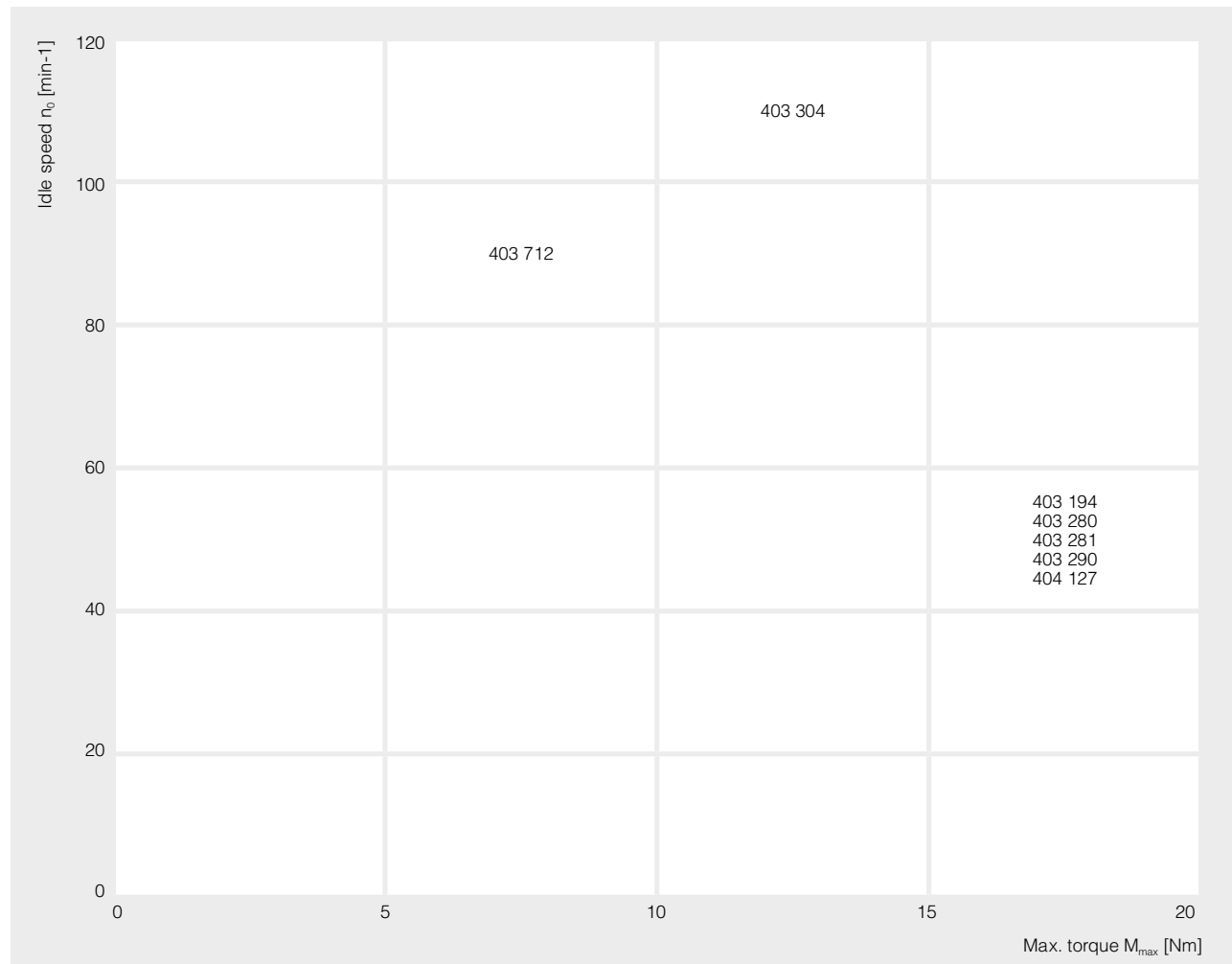


Image shows the transmission design on the right

Product matrix

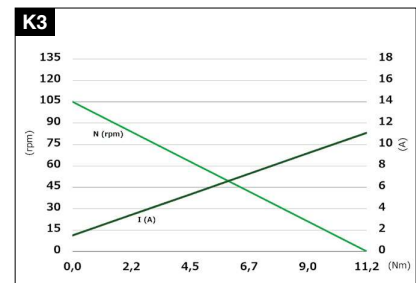
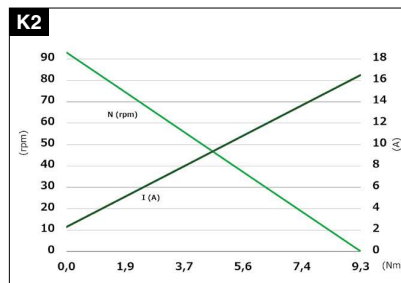
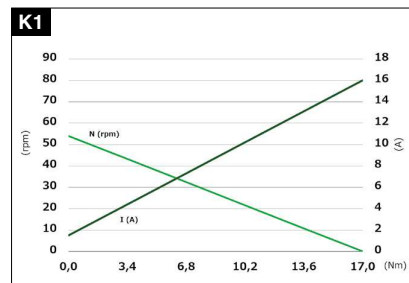


- Info
- GMM · GMM
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- GMP · CM3G
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- CM3G
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## Overview

| Type           | Nominal voltage | Max. torque | Idle speed        | Nominal power | Nominal current | No-load current | Max. current | Hall sensors | Gear reduction | Gearwheel material | Thermal switch | Interference suppression | Gear housing | Characteristic curve | Shaft | Electrical connection |
|----------------|-----------------|-------------|-------------------|---------------|-----------------|-----------------|--------------|--------------|----------------|--------------------|----------------|--------------------------|--------------|----------------------|-------|-----------------------|
|                | V               | Nm          | min <sup>-1</sup> | W             | A               | A               | A            | N/1/2        | xx:x           | D/M                | Y/N            | Y/N                      | lh/rh        | K                    | W     | A                     |
| <b>403 194</b> | 24,0            | 17,0        | 54,0              | 85,0          | 3,5             | 1,5             | 16,0         | N            | 85:1           | K                  | N              | N                        | rh           | K1                   | W1    | A1                    |
| <b>403 280</b> | 24,0            | 17,0        | 54,0              | 85,0          | 3,5             | 1,5             | 16,0         | N            | 85:1           | K                  | N              | Y                        | rh           | K1                   | W2    | A1                    |
| <b>403 281</b> | 24,0            | 17,3        | 54,0              | 85,0          | 3,5             | 1,5             | 16,2         | N            | 85:1           | K                  | N              | N                        | rh           | K1                   | W3    | A1                    |
| <b>403 290</b> | 24,0            | 17,3        | 54,0              | 85,0          | 3,5             | 1,5             | 16,2         | N            | 85:1           | K                  | N              | Y                        | rh           | K1                   | W4    | A1                    |
| <b>403 304</b> | 24,0            | 11,2        | 105,0             | 58,8          | 2,5             | 1,5             | 11,1         | N            | 83:2           | K                  | N              | Y                        | lh           | K3                   | W2    | A1                    |
| <b>403 712</b> | 12,0            | 9,3         | 93,0              | 22,9          | 1,9             | 2,3             | 16,5         | N            | 83:2           | K                  | N              | N                        | rh           | K2                   | W5    | A1                    |
| <b>404 127</b> | 24,0            | 17,3        | 54,0              | 85,0          | 3,5             | 1,5             | 16,2         | N            | 85:1           | K                  | N              | N                        | rh           | K1                   | W6    | A1                    |

## Characteristic curves



Info

GMK · GMM

GMP · CM3-4

GMA G

GMP I

CM3 G

GMP D

GMP G

SWMP

DCK31

DCK35

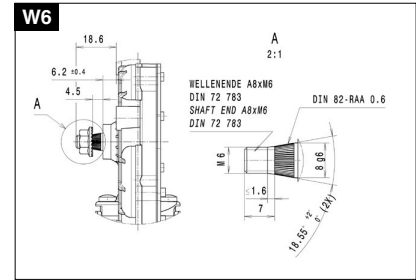
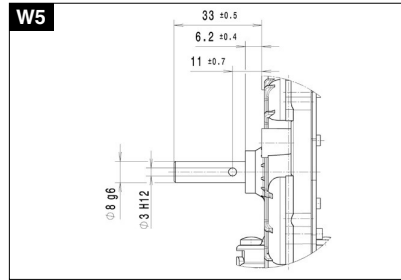
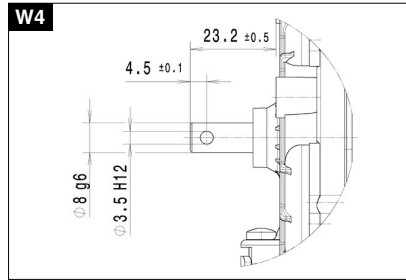
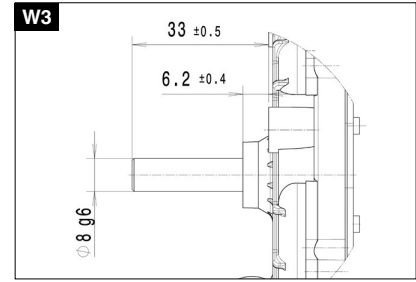
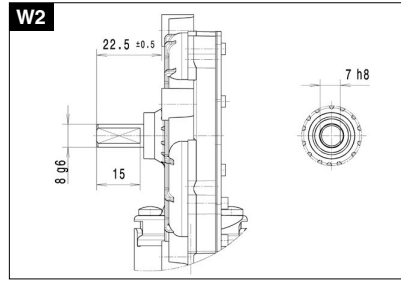
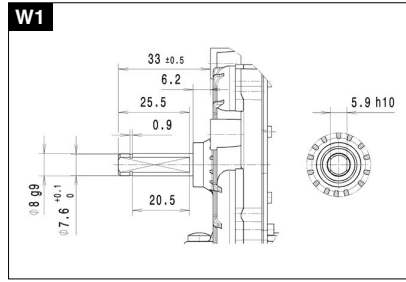
SW2L

SWMV

SWMG

SW3K

Shafts



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