

6

AEM 80 SG

Electronically controlled motors

- 6 AEM 10 | 20 | 40 | 80**
- Electronically controlled DC-motors
 - Protection class IP 65
 - Brushless
 - Ball bearing motor
 - B14 mounting
 - Maintenance-free

| | |
|-------------------|----------------|
| Input voltage | 24 VDC |
| Motor shaft speed | 850 – 4000 rpm |
| Control voltage | 0 – 10 VDC |
| Rated current | 1,5 A |
| Input power | 36 VA |
| Output power | 24 W |



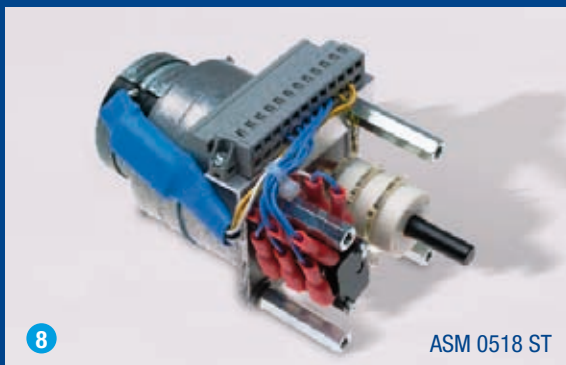
7

AGM 6030 SG

DC-geared motors

- 7 AGM 6030 | AGM 6030 SG**
- Permanent magnet excited
 - Brush life approx. 5000 Stunden
 - Protection class IP 54
 - B14 mounting

| | |
|--------------------|--------------|
| Voltage | 12 – 200 VDC |
| Idling shaft speed | 3500 rpm |
| Rated speed | 3000 rpm |
| Torque | 7,5 Ncm |
| Motor power | 25 W |
| Rated current | 0,25 – 3,5 A |



8

ASM 0518 ST

Servo-motors

- 8**
- Combinable with all spur gear boxes
 - Also with housing

| | |
|-------------------------|-------------|
| Adjusting range | 0 – 360° |
| Adjusting range for 90° | 0,04 – 75 s |
| Max. torque | up to 20 Nm |



9

SAM 5620

Stepper motors

- 9 SAM**
- Different mounting forms
 - Permanent magnet excited stepper motors
 - Also 1,8° and 3,6° - hybrid stepper motors
 - High stepping speed
 - Step angle precision
 - Robust, reliable and durable
 - Low-noise operation
 - Maintenance-free

| | |
|----------------------|----------------------------|
| Voltage | 24 VDC o. 42 VDC |
| Torque | 3,0 – 1020 Ncm |
| Holding torque | 3,0 – 1020 Ncm |
| Phase-resistance | 0,16 – 55 Ω |
| Phase current | 0,18 – 9,0 A |
| Rotor inertia torque | 15 – 4800 gmc ² |
| Installation length | 29,6 – 156 mm |



10

fish-net-mesh measurement instrument

System components

- 10 Strength-length measurement instrument**
- Example of the development of an in-house system component for a fish-net-mesh measurement instrument

| | |
|--|-------------------------|
| Measurement ranges depending on the sensor | 10 – 300 mm |
| Measurement power setting | 10 N; 20 N; 50 N; 125 N |
| Accuracy of the distance measurement indicator | ± 1 mm |
| Accuracy of the power indicator | ± 1 N |
| Number of measurements (storage size) | 8.000 |
| protective housing category | IP 56 |