

# Technische Spezifikation / Datenblatt

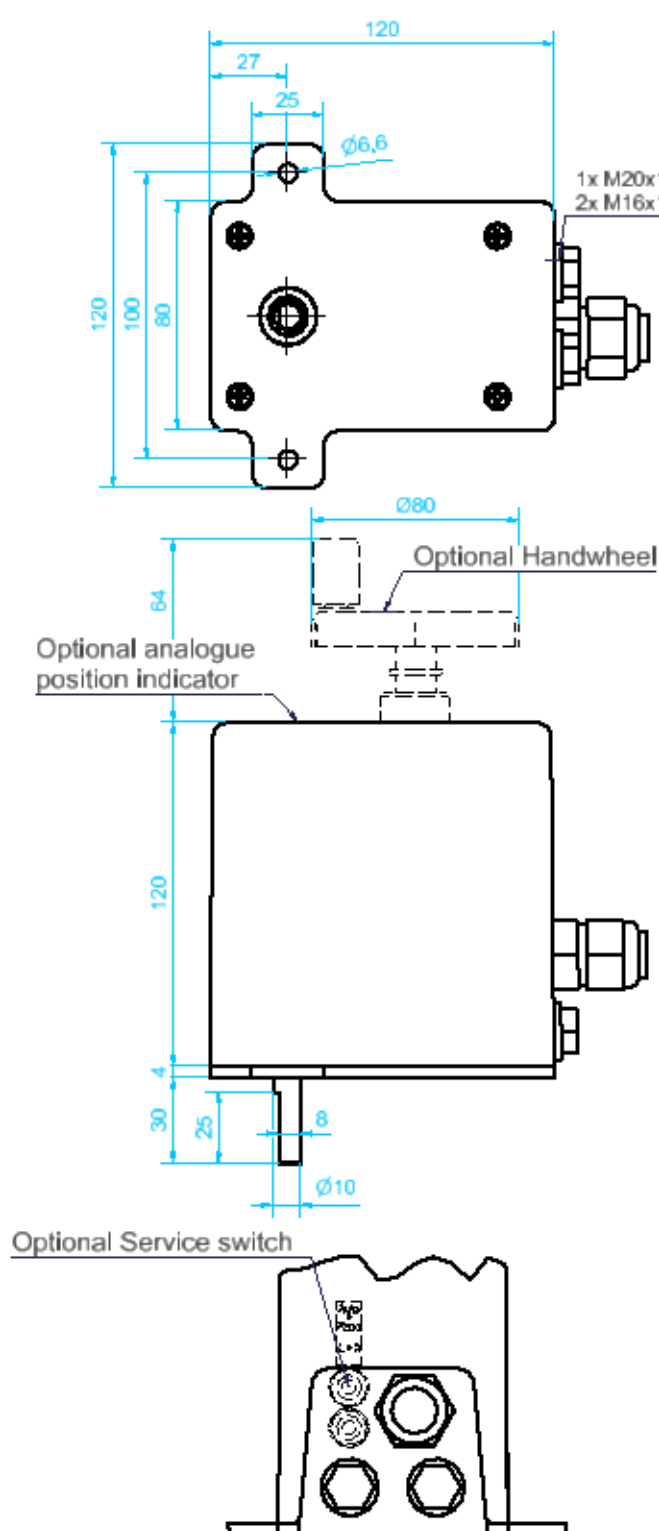
Technical Specification / Data Sheet

**Agromatic**  
Stellantriebe · Actuators



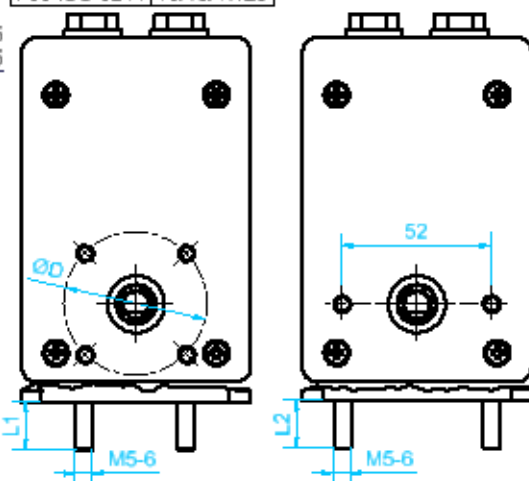
## NK

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|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Drehmoment</b><br><i>Torque</i>                                        | 1 Nm ... 20 Nm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Leistungsaufnahme (max.)</b><br><i>Power consumption (max.)</i>   | 7 VA ... 35 VA                                                                                                                                                    |
| <b>Stellzeit für 90°</b><br><i>Actuating time for 90°</i>                 | 1 s ... 60 s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Elektrischer Anschluss</b><br><i>Electrical connection</i>        | 0,25 mm² ... 1,5 mm²<br>AWG 23 ... AWG 16                                                                                                                         |
| <b>Schutzart</b><br><i>Degree of protection</i>                           | IP65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Umgebungstemperatur</b><br><i>Ambient temperature</i>             | -15 °C ... +60 °C<br>0 °C ... +60 °C (ESR-... / Transmitter)                                                                                                      |
| <b>Stellbereich</b><br><i>Swivel range</i>                                | 0° ... 300°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Abtriebswelle</b><br><i>Output shaft</i>                          | Durchmesser Welle:<br>Ø10 mm D-Form<br>diameter shaft: Ø10 mm D-form                                                                                              |
| <b>Kabeleinführungen</b><br><i>Cable entries</i>                          | 1 x M20x1,5 / 2x M16x1,5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Material Getriebe</b><br><i>Gear material</i>                     | Metall<br>metal                                                                                                                                                   |
| <b>Anschlussspannung/<br/>Frequenz</b><br><i>Supply voltage/frequency</i> | 115 V AC ± 10 %<br>230 V AC ± 10 %<br>50(60) Hz ± 5 %;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Material Gehäuse/Haube</b><br><i>Material housing/hood</i>        | GD-ZnAl 4 Cu 1/<br>Al-Si10Cu2Fe                                                                                                                                   |
| <b>Anschluss an Armatur</b><br><i>Connection to valve</i>                 | Bohrungen Ø6,6, Abstand<br>100mm, Optional<br>Gewindebolzen M5-6,<br>Abstand 52mm<br>holes Ø6,6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Beschichtung<br/>Gehäuse/Haube</b><br><i>Coating housing/hood</i> | Korrosionsschutzklasse C2<br>nach DIN EN 12944-2<br>RAL 7032, kieselgrau<br>corrosion protection class C2<br>according to DIN EN 12944-2<br>RAL 7032, pebble gray |
| <b>Einschaltdauer</b><br><i>Duty cycle</i>                                | 100 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Abschaltung</b><br><i>Shut-off</i>                                | 2 Endlagenschalter / Nocken<br>2 limit switches / cams                                                                                                            |
| <b>Optionen</b><br><i>options</i>                                         | <div> <ul style="list-style-type: none"> <li>- Potenziometer<br/><i>potentiometer</i></li> <li>- Halleffekt Absolutwertgeber<br/><i>hall-effect absolute encoder</i></li> <li>- Transmitter 4 ... 20 mA<br/><i>transmitter 4 ... 20 mA</i></li> <li>- Elektr. Stellungsregler (ESR-...)<br/><i>electr. Position controller (ESR-...)</i></li> <li>- Relais<br/><i>relays</i></li> <li>- Antikondensationsheizung<br/><i>anti-condensate heater</i></li> <li>- Service-Schalter innen/Aussen<br/><i>Service switch inside/outside</i></li> <li>- RC-Modul<br/><i>RC-module</i></li> <li>- Bluetooth-Modul (App)<br/><i>bluetooth-module (app)</i></li> </ul> </div> <div> <ul style="list-style-type: none"> <li>- Zusätzliche Weghilfsschalter<br/><i>additional auxiliary position switches</i></li> <li>- Handrad<br/><i>handwheel</i></li> <li>- Analoge Stellungsanzeige<br/><i>analogue position indicator</i></li> <li>- Kupplungen<br/><i>clutch</i></li> <li>- Konsolen<br/><i>consoles</i></li> </ul> </div> <p>Weitere Ausführungen/Optionen möglich<br/><i>Further versions/options possible</i></p> |                                                                      |                                                                                                                                                                   |

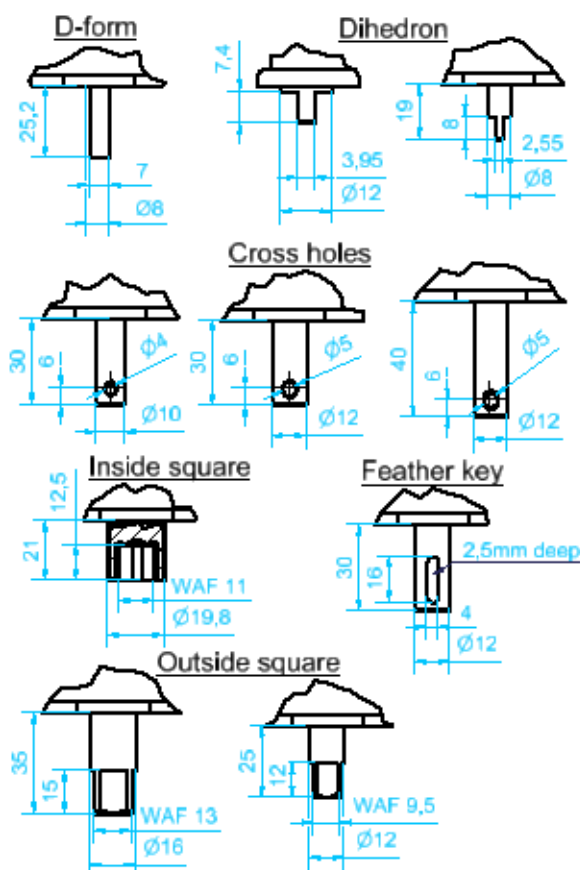


### Optional threaded bolt

| ØD           | L1          | Thread | L2          |
|--------------|-------------|--------|-------------|
| F03 ISO 5211 | 17/33       | M5     | 17/33       |
| F04 ISO 5211 | 17/33       | M6     | 10/13/17/23 |
| F05 ISO 5211 | 10/13/17/23 |        |             |



### Optional adapters



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