


Motor: Stepper AM 0820
Gearbox: MHD-8-160-S

| Technical data MHD-8-160 (preliminary) | |
|--|-----------------|
| Ratio: | 160:1 |
| Repeatability (onesided): | ± 10 arcsec |
| nom. Input-Rev.: | 10.000 rpm |
| max. Input-Rev.: | 18.000 rpm |
| Torque | 160:1 |
| Rated torque | 3 mNm |
| Peak torque | 6 mNm |
| Mom. Peak torque | 20 mNm |
| Friction torque | 30 μ Nm |

| Micromotion PROPERTY | | Allgemeintoleranzen / General Tolerances: ISO 2768-f | | Micromotion GmbH | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------|--|-----------------|---|------------------|------------------|------------------|-----|-----|------|------|---------------|---------------|----------------|-----------------|-----------------|------------------|------------------|------------------|------------|------------|-----------|------------|-----------|-----------|-----------|---|---|--|
| Diese Zeichnung ist unser geistiges Eigentum und darf ohne unsere Einwilligung weder kopiert, vervielfältigt noch an dritte weitergegeben werden. | | This drawing and information herein is our property and is to be used in strict confidence. It shall not be copied or given to any third party without our written permission. | | An der Fahrt 13 55124 Mainz Germany | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <tr> <td>0,5</td><td>3</td><td>6</td><td>30</td><td>120</td><td>400</td><td>1000</td><td>2000</td> </tr> <tr> <td>$\frac{1}{3}$</td><td>$\frac{1}{6}$</td><td>$\frac{1}{30}$</td><td>$\frac{1}{120}$</td><td>$\frac{1}{400}$</td><td>$\frac{1}{1000}$</td><td>$\frac{1}{2000}$</td><td>$\frac{1}{4000}$</td> </tr> <tr> <td>± 0.05</td><td>± 0.05</td><td>± 0.1</td><td>± 0.15</td><td>± 0.2</td><td>± 0.3</td><td>± 0.5</td><td>/</td> </tr> </table> | | 0,5 | 3 | 6 | 30 | 120 | 400 | 1000 | 2000 | $\frac{1}{3}$ | $\frac{1}{6}$ | $\frac{1}{30}$ | $\frac{1}{120}$ | $\frac{1}{400}$ | $\frac{1}{1000}$ | $\frac{1}{2000}$ | $\frac{1}{4000}$ | ± 0.05 | ± 0.05 | ± 0.1 | ± 0.15 | ± 0.2 | ± 0.3 | ± 0.5 | / |  | |
| 0,5 | 3 | 6 | 30 | 120 | 400 | 1000 | 2000 | | | | | | | | | | | | | | | | | | | | | | |
| $\frac{1}{3}$ | $\frac{1}{6}$ | $\frac{1}{30}$ | $\frac{1}{120}$ | $\frac{1}{400}$ | $\frac{1}{1000}$ | $\frac{1}{2000}$ | $\frac{1}{4000}$ | | | | | | | | | | | | | | | | | | | | | | |
| ± 0.05 | ± 0.05 | ± 0.1 | ± 0.15 | ± 0.2 | ± 0.3 | ± 0.5 | / | | | | | | | | | | | | | | | | | | | | | | |
| | | Ersatz für / Replacement for: | | Maßstab / Scale 10 : 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Ersetzt durch / Replaced by: | | Material / | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Datum / Date | | (Benennung / Title) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 07.07.03 | | MHD-8-160-IH-S-SPM0005 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Name | | (Zeichnungsnummer / drawing number) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Deumlich | | C-120106.0A-200-011 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Gepr. / Checked | | Blatt / Sheet | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | Norm / Standard | | 1 Bl. | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Status | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Zus/Rev | Änderung / Modification | Datum/Date | Name | | | | | | | | | | | | | | | | | | | | | | | | | | |