



### GEARBOX SPECIFICATION

|                                  |                   |                      |
|----------------------------------|-------------------|----------------------|
| Reduction Ratio                  |                   | 16 (15.51)           |
| No. of Stages                    |                   | 2                    |
| Rated Output Torque              | Nm                | 24.6                 |
| Max. Output Torque               | Nm                | 39.4                 |
| Rated Input Speed                | rpm               | 3,500                |
| Max. Input Speed                 | rpm               | 5,968                |
| Backlash                         | °                 | 0.53                 |
| Efficiency                       | %                 | 89                   |
| Lifetime                         | h                 | 10,000               |
| Max. Axial Force                 | N                 | 1,302                |
| Max. Radial Force (shaft middle) | N                 | 516                  |
| Gearbox Inertia                  | kg m <sup>2</sup> | 6.2x10 <sup>-6</sup> |
| Ambient Temperature              | °C                | -15 ... 90           |
| Protection Class                 |                   | IP54                 |

|          |           |             |           |                 |              |
|----------|-----------|-------------|-----------|-----------------|--------------|
| ISO 8015 | ISO 1302  | ISO 2768 cK | ISO 13715 | Weight: 0.84 kg |              |
|          |           |             | Date      | Name            |              |
|          |           |             | Drawn     | 07.11.2018      | Naubert_A    |
|          |           |             | Checked   | 19.11.2018      | Naubert_A    |
|          |           |             | Approved  | 19.11.2018      | Naubert_A    |
| REV      | Rev. Text | Name        | Rel. Date |                 |              |
|          |           |             |           |                 |              |
|          |           |             |           | 12000014        | Scale: 1 : 1 |
|          |           |             |           | State: Released | Rev: 01      |
|          |           |             |           | P               |              |

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State: Released

Rev: 01

Scale: 1 : 1

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