



## Technical specifications:

|  |   |
|--|---|
| <b>Field of application</b>  | Standard (not hygienic)                               |
| <b>Kinematics</b>  | Parallel  |
| <b>Translatory Degrees of Freedom (X,Y,Z)</b>  | 3   |
| <b>Rotational Degrees of Freedom (<math>\alpha, \beta, \gamma</math>)</b>                                | 1   |
| <b>Nominal payload [kg   lbs] *</b>  | 1   2.2   |
| <b>Working area-width X/Y [mm   in]</b>  | 600/645   23.6/25.4                                   |
| <b>Working height outside [mm   in]</b>  | 140   5.5   |
| <b>Working height center [mm   in]</b>   | 265   10.4  |
| <b>Max. acceleration torque of the rotation <math>\alpha</math> around X at the output [Nm   in.lbs]</b> | 16   141.6  |
| <b>Nominal torque of the rotation <math>\alpha</math> around X at the output [Nm   in.lbs]</b>           | 16   141.6  |
| <b>Max. speed of the rotation <math>\alpha</math> around X at the output [1/min]</b>                     | 82  |
| <b>Nominal speed of the rotation <math>\alpha</math> around X at the output [1/min]</b>                  | 82  |
| <b>Bearing type of the telescopic shaft(s)</b>   | Roller bearing  |
| <b>Bearing type of the arm joints</b>  | Roller bearing  |
| <b>Lubricants of the bearings</b>  | Food-grade (FO)                                       |
| <b>Lubricants of the gearboxes</b>   | Food-grade (FO)                                       |
| <b>Cleaning</b>  | No high pressure                                      |
| <b>Ambient temperature [°C   °F]</b>   | 0 to +40   +32 to +104                                |
| <b>Relative humidity level [%]</b>   | 95 (free of condensation)                             |
| <b>Mounting position</b>   | Floor, Ceiling, Wall (on request), Angle (on request) |

\* All given values are nominal values (nominal payload referred to a nominal performance) and can vary under realworld conditions depending on the application (tool specifications, load distances, reduction (partly) of the nominal performance when using food-grade lubricants, ...). Please consider our technical data sheets regarding the load capacity.