

Technical specifications:

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| Field of application | Hygienic 'HHD' |
| Kinematics | Parallel |
| Translatory Degrees of Freedom (X,Y,Z) | 3 |
| Rotational Degrees of Freedom (α,β,γ) | 1 |
| Nominal payload [kg lbs] * | 6 13.2 |
| Working area-diameter [mm in] | 1600 63.0 |
| Working height outside [mm in] | 325 12.8 |
| Working height center [mm in] | 540 21.3 |
| Max. acceleration torque of the rotation γ around Z at the output [Nm in.lbs] | 28 247.8 |
| Nominal torque of the rotation γ around Z at the output [Nm in.lbs] | 15,2 134.5 |
| Max. speed of the rotation γ around Z at the output [1/min] | 500 |
| Nominal speed of the rotation γ around Z at the output [1/min] | 430 |
| Bearing type of the telescopic shaft(s) | Roller bearing |
| Bearing type of the arm joints | Roller bearing |
| Lubricants of the bearings | Food-grade (FO) |
| Lubricants of the gearboxes | Food-grade (FO) |
| Cleaning | Up to 28 bar 406 psi high pressure |
| Protection class | IP69K |
| Ambient temperature [$^{\circ}\text{C}$ $^{\circ}\text{F}$] | 0 to +40 +32 to +104 |
| Relative humidity level [%] | 95 (free of condensation) |
| Mounting position | 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.