



## Technical specifications:

Field of application	Standard (not hygienic)
Kinematics	Parallel
Translatory Degrees of Freedom (X,Y,Z)	3
Rotational Degrees of Freedom ( $\alpha, \beta, \gamma$ )	1
Nominal payload [kg   lbs] *	1   2.2
Working area-diameter [mm   in]	800   31.5
Working height outside [mm   in]	180   7.1
Working height center [mm   in]	285   11.2
Max. acceleration torque of the rotation $\gamma$ around Z at the output [Nm   in.lbs]	7,2   63.7
Nominal torque of the rotation $\gamma$ around Z at the output [Nm   in.lbs]	7,2   63.7
Max. speed of the rotation $\gamma$ around Z at the output [1/min]	500
Nominal speed of the rotation $\gamma$ around Z at the output [1/min]	320
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	No high pressure
Ambient temperature [°C   °F]	0 to +40   +32 to +104
Relative humidity level [%]	95 (free of condensation)
Mounting position	Floor, Ceiling, Wall (on request), Angle (on request)
Robot weight without drive engineering (esp. drive) [kg   lbs]	26   57.3
Special features	All drives (gearbox, reduction gearing, ...) are located below the head plate. Advantages: Easily accessible, easy to maintain, compact

\* 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.