

Technical specifications:

Field of application	Standard (not hygienic)
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]	900 35.4
Working height outside [mm in]	200 7.9
Working height center [mm in]	312 12.3
Output type of the tool actuation	Shaft (TS)
Number of the tool actuation (telescopic shaft(s))	1
Manual tool changing system ATS	Sixfold media transmission (Compressed air 6 bar 87.0 psi / vacuum -850 mbar -12.3 psi / min. inner- \varnothing : 6 mm 0.24 in)
Max. acceleration torque of the rotation γ around Z at the output [Nm in.lbs]	40 354.0
Nominal torque of the rotation γ around Z at the output [Nm in.lbs]	33 292.1
Max. speed of the rotation γ around Z at the output [1/min]	225
Nominal speed of the rotation γ around Z at the output [1/min]	150
Max. acceleration torque of the tool actuation T/TS1 at the output [Nm in.lbs]	5,5 48.7
Nominal torque of the tool actuation T/TS1 at the output [Nm in.lbs]	5,5 48.7
Max. speed of the tool actuation T/TS1 at the output [1/min]	800
Nominal speed of the tool actuation T/TS1 at the output [1/min]	800
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 [$^{\circ}$ C $^{\circ}$ 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]	42 92.6

* 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.

We refer to our [General Terms of Sale and Supply](#) and [Terms of use](#).