

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)	2
Nominal payload [kg lbs] *	3 6.6
Working area-width X/Y [mm in]	1275/1350 50.2/53.1
Working height outside [mm in]	250 9.8
Working height center [mm in]	445 17.5
Max. acceleration torque of the rotation α/β around X/Y at the output [Nm in.lbs]	16 141.6
Nominal torque of the rotation α/β around X/Y at the output [Nm in.lbs]	16 141.6
Max. speed of the rotation α/β around X/Y at the output [1/min]	82
Nominal speed of the rotation α/β around X/Y at the output [1/min]	82
Max. acceleration torque of the rotation γ around Z at the output [Nm in.lbs]	24 212.4
Nominal torque of the rotation γ around Z at the output [Nm in.lbs]	11,4 100.9
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]	320
Bearing type of the telescopic shaft(s)	Journal bearing, Roller bearing
Bearing type of the arm joints	Roller bearing
Lubricants of the bearings	Synthetic
Lubricants of the gearboxes	Synthetic
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)

* 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.