

Technical specifications:

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] *	3 6.6
Working area-width X/Y [mm in]	805/1250 31.7/49.2
Working height outside [mm in]	150 5.9
Working height center [mm in]	250 9.8
Max. acceleration torque of the rotation γ around Z at the output [Nm in.lbs]	6 53.1
Nominal torque of the rotation γ around Z at the output [Nm in.lbs]	4,8 42.5
Max. speed of the rotation γ around Z at the output [1/min]	800
Nominal speed of the rotation γ around Z at the output [1/min]	460
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	Gearbox of the upper arms: Synthetic; gearbox of the telescopic shaft: Food-grade (FO)
Cleaning	Up to 28 bar 406 psi high pressure
Protection class	IP69K
Ambient temperature [$^{\circ}$C $^{\circ}$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.