

## Product data sheet https://autonoxfinder.com/en/A\_00880

Date of download: May 7, 2024 Time of download: 18:46 UTC

### HHD DELTA RL4-1120-3kg

Article number: A\_00880

Lubricant variant: Synthetic lubricants



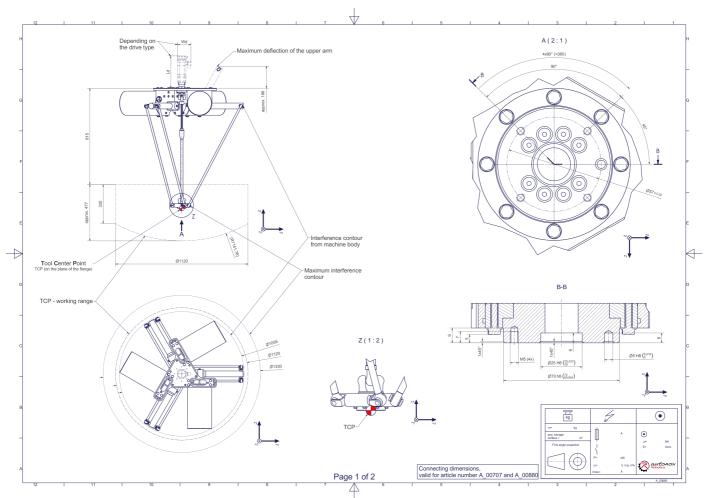
#### **Description:**

This type of robot is based on the principle of parallel kinematics. All drives are mounted in a fixed position on the robot head. Motor cables are not moved. The robot has three (3) translational and one (1) rotational degree(s) of freedom.

#### **Scope of delivery:**

Robot mechanics incl. gearbox, Servo motor adapter, Transport and packing instructions

#### **Connecting dimensions:**



<u>Downloads:</u> <u>Connecting dimensions (PDF)</u> <u>3D model (STP)</u> <u>3D model (PDF)</u>



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#### **Technical specifications:**

Field of application	Hygienic 'HHD'
Kinematics	Parallel
Translatory Degrees of Freedom (X,Y,Z)	3
Rotational Degrees of Freedom $(\alpha,\beta,\gamma)$	1
Nominal payload [kg lbs] *	3   6.6
Working area-diameter [mm in]	1120   44.1
Working height outside [mm in]	330   13.0
Working height center [mm in]	477   18.8
Max. acceleration torque of the rotation y around Z at the output [Nm in.lbs]	6   53.1
Nominal torque of the rotation $\gamma$ around Z at the output [Nm in.lbs]	4,8   42.5
Max. speed of the rotation y around Z at the output [1/min]	800
Nominal speed of the rotation y 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	Axes 1-3: Synthetic; Axis 4: Food-grade (FO)
Cleaning	Up to 28 bar   406 psi high pressure
Protection class	IP69K
Ambient temperature [°C °F]	0 to +40   +32 to +104
Relative humidity level [%]	95 (free of condensation)
Mounting position	Ceiling, Wall (on request), Angle (on request)

<sup>\*</sup> 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.