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# HHD DELTA RL4-T1-1000-6kg

Article number: A\_00027-T1-FO

Lubricant variant: Food-grade lubricants (FO)



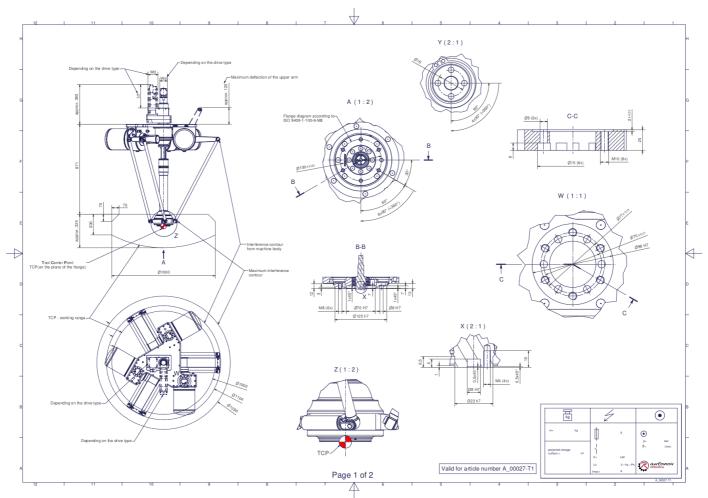
#### **Description:**

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>



# Product data sheet <a href="https://autonoxfinder.com/en/A\_00027-T1-F0">https://autonoxfinder.com/en/A\_00027-T1-F0</a>

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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 $(\alpha,B,\gamma)$	1
Nominal payload [kg lbs] *	6   13.2
Working area-diameter [mm in]	1000   39.4
Working height outside [mm in]	200   7.9
Working height center [mm in]	324   12.8
Output type of the tool actuation	Flange (T)
Number of the tool actuation (telescopic shaft(s))	1
Max. acceleration torque of the rotation y around Z at the output [Nm in.lbs]	50   442.5
Nominal torque of the rotation y around Z at the output [Nm in.lbs]	50   442.5
Max. speed of the rotation y around Z at the output [1/min]	260
Nominal speed of the rotation y around Z at the output [1/min]	160
Max. acceleration torque of the tool actuation T/TS1 at the output [Nm in.lbs]	9   79.7
Nominal torque of the tool actuation T/TS1 at the output [Nm in.lbs]	9   79.7
Max. speed of the tool actuation T/TS1 at the output [1/min]	450
Nominal speed of the tool actuation T/TS1 at the output [1/min]	300
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	Up to 28 bar   406 psi high pressure
Cleaning	
Protection class	IP69K
•	IP69K 0 to +40   +32 to +104
Protection class	
Protection class  Ambient temperature [°C °F]	0 to +40   +32 to +104

<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.