

Product data sheet https://autonoxfinder.com/en/A_00894

Date of download: Oct 16, 2025 Time of download: 01:41 UTC

HHD DELTA RL3-1200-3kg

Article number: A_00894

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 of freedom.

Scope of delivery:

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



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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 (α,β,γ)	0	
Nominal payload [kg lbs] *	3 6.6	
Working area-diameter [mm in]	1200 47.2	
Working height outside [mm in]	330 13.0	
Working height center [mm in]	487 19.2	
Bearing type of the arm joints	Roller bearing	
Lubricants of the bearings	Food-grade (FO)	
Lubricants of the gearboxes	Synthetic	
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	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.

Gearbox article number for this robot mechanics:

Function	Article number	Document
Drive of the upper arms	MT_BGR00013366-xx	Operating manual gearbox type 3 (PDF)