

Product data sheet https://autonoxfinder.com/en/A_00911-MV

Date of download: Oct 30, 2025 Time of download: 16:18 UTC

DuoPod RVS2-750-3kg

Article number: A_00911-MV **Mirror-inverted variant:** Yes

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 two (2) translational degrees of freedom. The article number extension '

MV:

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<u>M:</u>

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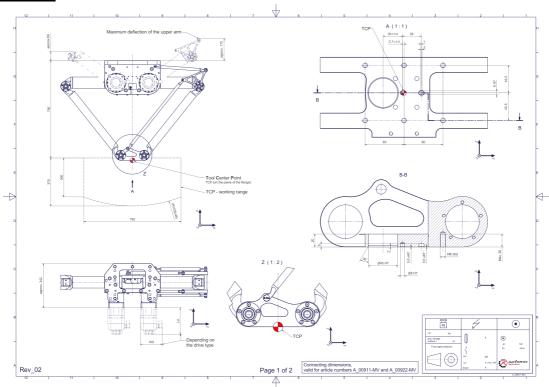
<u>V:</u>

ersion) identifies the mirrored version of the mechanics.

Scope of delivery:

Robot mechanics incl. gearbox, Servo motor adapter, Threaded protection caps, 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	Standard (not hygienic)
Kinematics	Parallel
Translatory Degrees of Freedom (X,Y,Z)	2
Rotational Degrees of Freedom (α,B,γ)	0
Nominal payload [kg lbs] *	3 6.6
Working area-width [mm in]	750 29.5
Working height outside [mm in]	300 11.8
Working height center [mm in]	370 14.6
Bearing type of the arm joints	Roller bearing
Lubricants of the bearings	Synthetic
Lubricants of the bearings Lubricants of the gearboxes	Synthetic Synthetic
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Lubricants of the gearboxes	Synthetic
Lubricants of the gearboxes Cleaning	Synthetic No high pressure
Lubricants of the gearboxes Cleaning Ambient temperature [°C °F]	Synthetic No high pressure 0 to +40 +32 to +104

^{*} 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_BGR00020777-U-xx	Operating manual gearbox type 3 (PDF)