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# DuoPod RVS2-750-3kg

**Article number:** A\_00911-MV **Mirror-inverted variant:** Yes

Lubricant variant: Synthetic lubricants



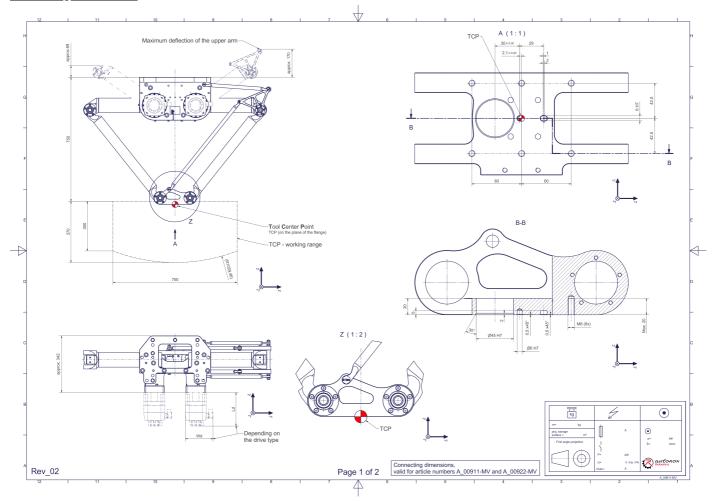
#### **Description:**

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' (Mirrored Version) 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>



# Product data sheet https://autonoxfinder.com/en/A 00911-MV

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### **Technical specifications:**

	6. 1.14.11.11	
Field of application	Standard (not hygienic)	
Kinematics	Parallel	
Translatory Degrees of Freedom (X,Y,Z)	2	
Rotational Degrees of Freedom ( $\alpha,\beta,\gamma$ )	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 gearboxes	Synthetic	
Cleaning	No high pressure	
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)	
Robot weight without drive engineering (esp. drive) [kg lbs]	49   108.0	

<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.

## **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)