

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

Date of download: Nov 30, 2025 Time of download: 10:20 UTC

### DuoPod RVS2-750-3kg

Article number: A\_00911

Mirror-inverted variant: No

**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.

#### Scope of delivery:

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



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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 ( $\alpha$ , $\beta$ , $\gamma$ )	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)