

# Product data sheet https://autonoxfinder.com/en/A\_00911-MV

Date of download: Dec 29, 2025 Time of download: 01:04 UTC

## DuoPod RVS2-750-3kg

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

Lubricant variant: Synthetic lubricants



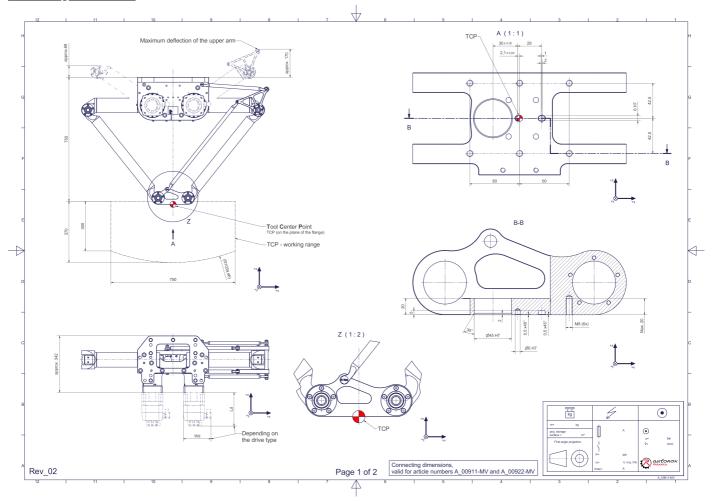
#### **Description:**

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 ' $\underline{MV}$ ' ( $\underline{M}$ irrored  $\underline{V}$ 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 $(\alpha,B,\gamma)$            | 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) |