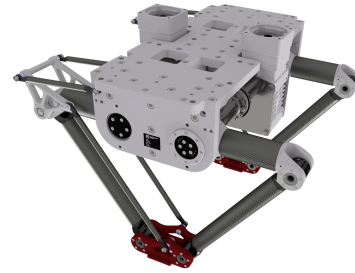


DuoPod RVSD2-700-80kg

Article number: A_00856-FO

Lubricant variant: Food-grade lubricants (FO)



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

We refer to our [General Terms of Sale and Supply](#) and [Terms of use](#).

© 2025 autonox Robotics GmbH | www.autonox.com

Technical specifications:

| | |
|---|---|
| Field of application | Standard (not hygienic) |
| Kinematics | Parallel |
| Translatory Degrees of Freedom (X,Y,Z) | 2 |
| Rotational Degrees of Freedom (α, β, γ) | 0 |
| Nominal payload [kg lbs] * | 80 176.4 |
| Working area-width [mm in] | 700 27.6 |
| Working height outside [mm in] | 200 7.9 |
| Bearing type of the arm joints | Roller bearing |
| Lubricants of the bearings | Food-grade (FO) |
| Lubricants of the gearboxes | Food-grade (FO) |
| 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) |

* 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_WST00106212-xx-FO | Operating manual gearbox type 9 (PDF) |