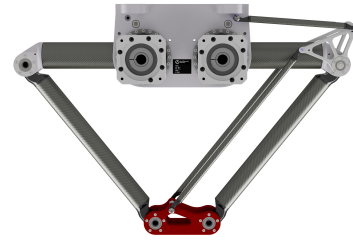


DuoPod RVS2-750-40kg

Article number: A_00928-MV-FO

Mirror-inverted variant: Yes

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. The article number extension '1

MV:

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M:

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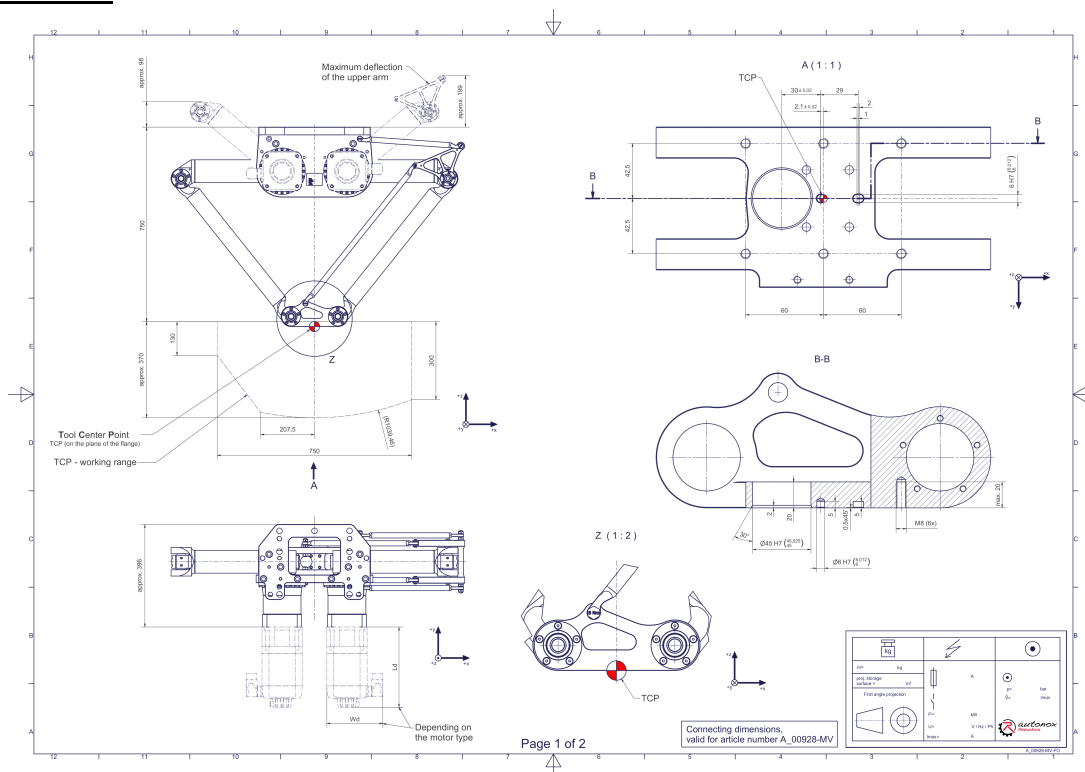
V:

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:



Downloads: [Connecting dimensions \(PDF\)](#), [3D model \(STP\)](#), [3D model \(PDF\)](#).

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

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] * | 40 88.2 |
| 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 | 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) |
| Robot weight without drive engineering (esp. drive) [kg lbs] | 66 145.5 |

* 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_BGR00106537-xx-FO | Operating manual gearbox type 3 (PDF) |