

Product data sheet https://autonoxfinder.com/en/A_00867-FO

Date of download: Dec 17, 2025 Time of download: 15:52 UTC

DuoPod RVSD2-1400-80kg

Article number: A_00867-FO

Lubricant variant: Food-grade lubricants (FO)



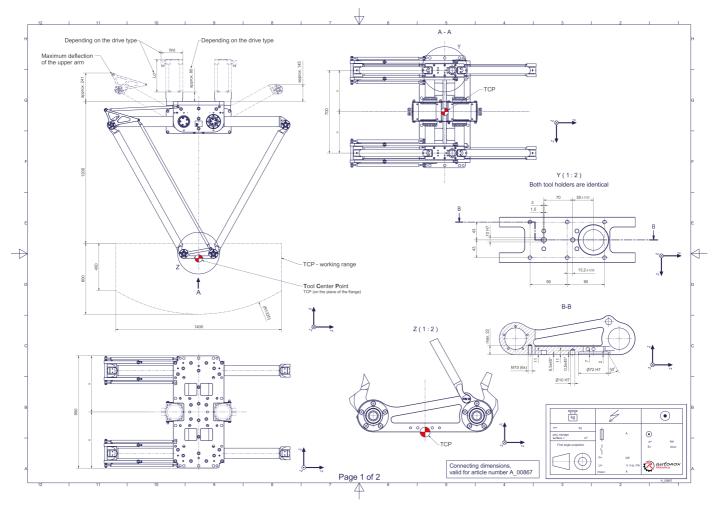
Description:

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

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_00867-FO

Date of download: Dec 17, 2025 Time of download: 15:52 UTC

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]	1400 55.1
Working height outside [mm in]	400 15.7
Working height center [mm in]	600 23.6
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]	207 456.4

^{*} 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)