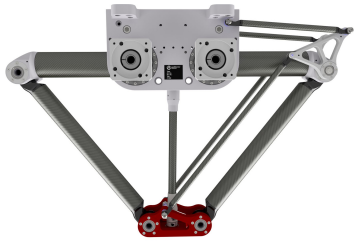
DuoPod RVS2-T1-750-15kg



Article number: A_00922-T1-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 '**MV**' (**M**irrored **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

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,ß,γ)	0
Nominal payload [kg|lbs] *	15 | 33.1
Working area-width [mm|in]	750 | 29.5
Working height outside [mm|in]	290 | 11.4
Working height center [mm|in]	370 | 14.6
Output type of the tool actuation	Flange (T)
Number of the tool actuation (telescopic shaft(s))	1
Max. acceleration torque of the tool actuation T/TS1 at the output [Nm|in.lbs]	26,8 | 237.2
Nominal torque of the tool actuation T/TS1 at the output [Nm|in.lbs]	26,8 | 237.2
Max. speed of the tool actuation T/TS1 at the output [1/min]	750
Nominal speed of the tool actuation T/TS1 at the output [1/min]	400
Bearing type of the telescopic shaft(s)	Roller bearing
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]	53 | 116.8

* 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.

We refer to our General Terms of Sale and Supply and Terms of use.

© 2025 autonox Robotics GmbH | www.autonox.com