Date of download: Dec 7, 2025 Time of download: 08:54 UTC

DELTA RL3-ATS-1800-3kg

Article number: A_00079-ATS-FO

Lubricant variant: Food-grade lubricants (FO)



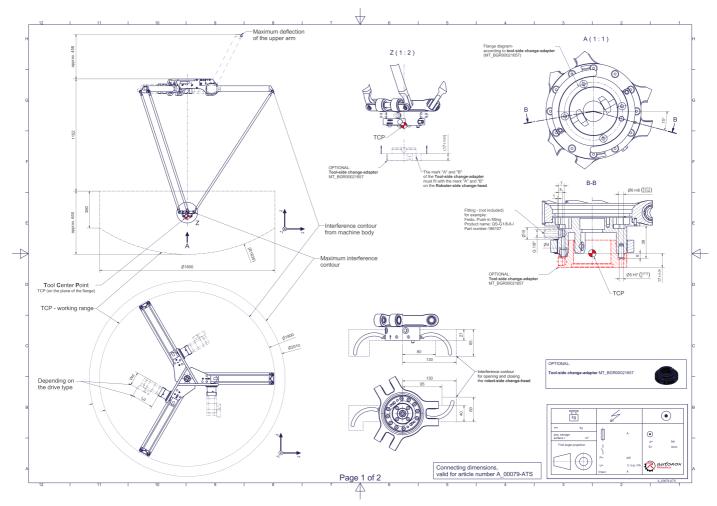
Description:

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 three (3) 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_00079-ATS-FO

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Technical specifications:

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Field of application	Standard (not hygienic)
Kinematics	Parallel
Translatory Degrees of Freedom (X,Y,Z)	3
Rotational Degrees of Freedom (α, β, γ)	0
Nominal payload [kg lbs] *	3 6.6
Working area-diameter [mm in]	1800 70.9
Working height outside [mm in]	380 15.0
Working height center [mm in]	650 25.6
Manual tool changing system ATS	Fourfold media transmission (Compressed air 6 bar 87.0 psi / vacuum -850 mbar -12.3 psi / min. inner-Ø: 4 mm 0.16 in)
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
	95 (free of condensation)
Relative humidity level [%]	93 (free of condensation)

^{*} 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.