

Product data sheet https://autonoxfinder.com/en/A_00879-MV

Date of download: Nov 19, 2025 Time of download: 11:09 UTC

DELTA RLE4-860-1kg

Article number: A_00879-MV **Mirror-inverted variant:** Yes

Lubricant variant: Synthetic lubricants



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 and one (1) rotational degree(s) of freedom. The article number extension '

MV:

'(

<u>M:</u>

irrored

<u>V:</u>

ersion) identifies the mirrored version of the mechanic.

Scope of delivery:

Robot mechanics incl. gearbox, Servo motor adapter, Threaded protection caps, Transport and packing instructions



Product data sheet https://autonoxfinder.com/en/A 00879-MV

Date of download: Nov 19, 2025 Time of download: 11:09 UTC

Technical specifications:

Field of application	Standard (not hygienic)
Kinematics	Parallel
Translatory Degrees of Freedom (X,Y,Z)	3
Rotational Degrees of Freedom (α,β,γ)	1
Nominal payload [kg lbs] *	1 2.2
Working area-diameter [mm in]	860 33.9
Working height outside [mm in]	215 8.5
Working height center [mm in]	335 13.2
Max. acceleration torque of the rotation γ around Z at the output [Nm in.lbs]	7,2 63.7
Nominal torque of the rotation γ around Z at the output [Nm \mid in.lbs]	6 53.1
Max. speed of the rotation y around Z at the output [1/min]	500
Nominal speed of the rotation y around Z at the output [1/min]	460
Bearing type of the telescopic shaft(s)	Roller bearing
Bearing type of the arm joints	Roller bearing
Lubricants of the bearings	Synthetic
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]	23 50.7

^{*} 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_WST00108764-xx-FO	Operating manual gearbox type 3 (PDF)
Drive of the telescopic shaft for rotation y around Z	MT_WST00109440-xx-FO	Operating manual gearbox type 1 (PDF)