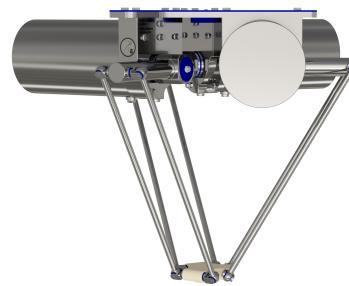


# HHD DELTA RL3-800-1kg

**Article number:** A\_00703

**Lubricant variant:** Synthetic lubricants



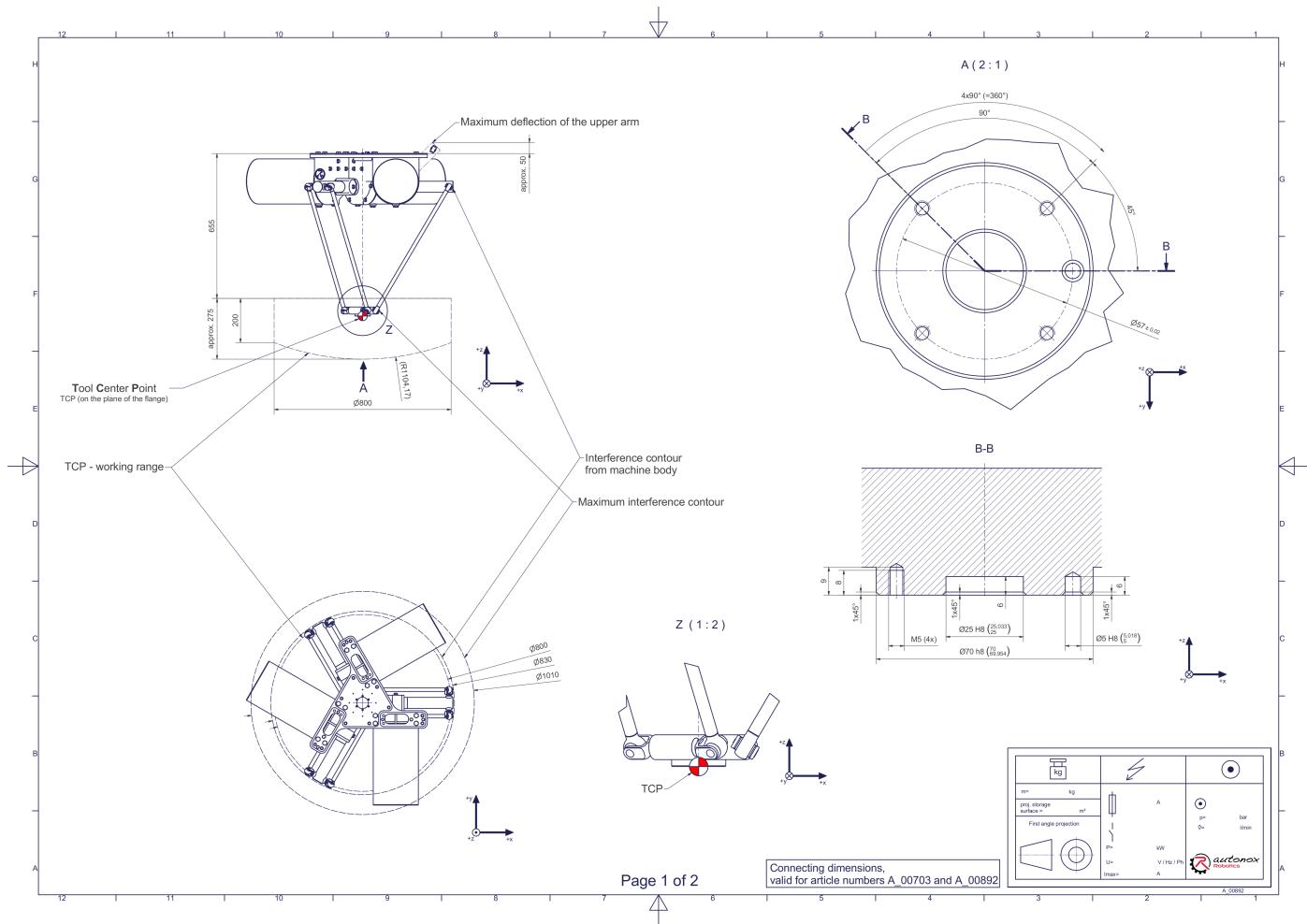
## Description:

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 of freedom.

## Scope of delivery:

Robot mechanics incl. gearbox, Servo motor adapter, 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	Hygienic 'HHD'
Kinematics	Parallel
Translatory Degrees of Freedom (X,Y,Z)	3
Rotational Degrees of Freedom ( $\alpha, \beta, \gamma$ )	0
Nominal payload [kg   lbs] *	1   2.2
Working area-diameter [mm   in]	800   31.5
Working height outside [mm   in]	200   7.9
Working height center [mm   in]	275   10.8
Bearing type of the arm joints	Roller bearing
Lubricants of the bearings	Food-grade (PO)
Lubricants of the gearboxes	Synthetic
Cleaning	Up to 28 bar   406 psi high pressure
Protection class	IP69K
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)

\* 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_BGR00009592-xx	Operating manual gearbox type 3 (PDF)