

# HHD DuoPod RVS2-800-12kg

**Article number:** A\_00838

**Lubricant variant:** Synthetic lubricants



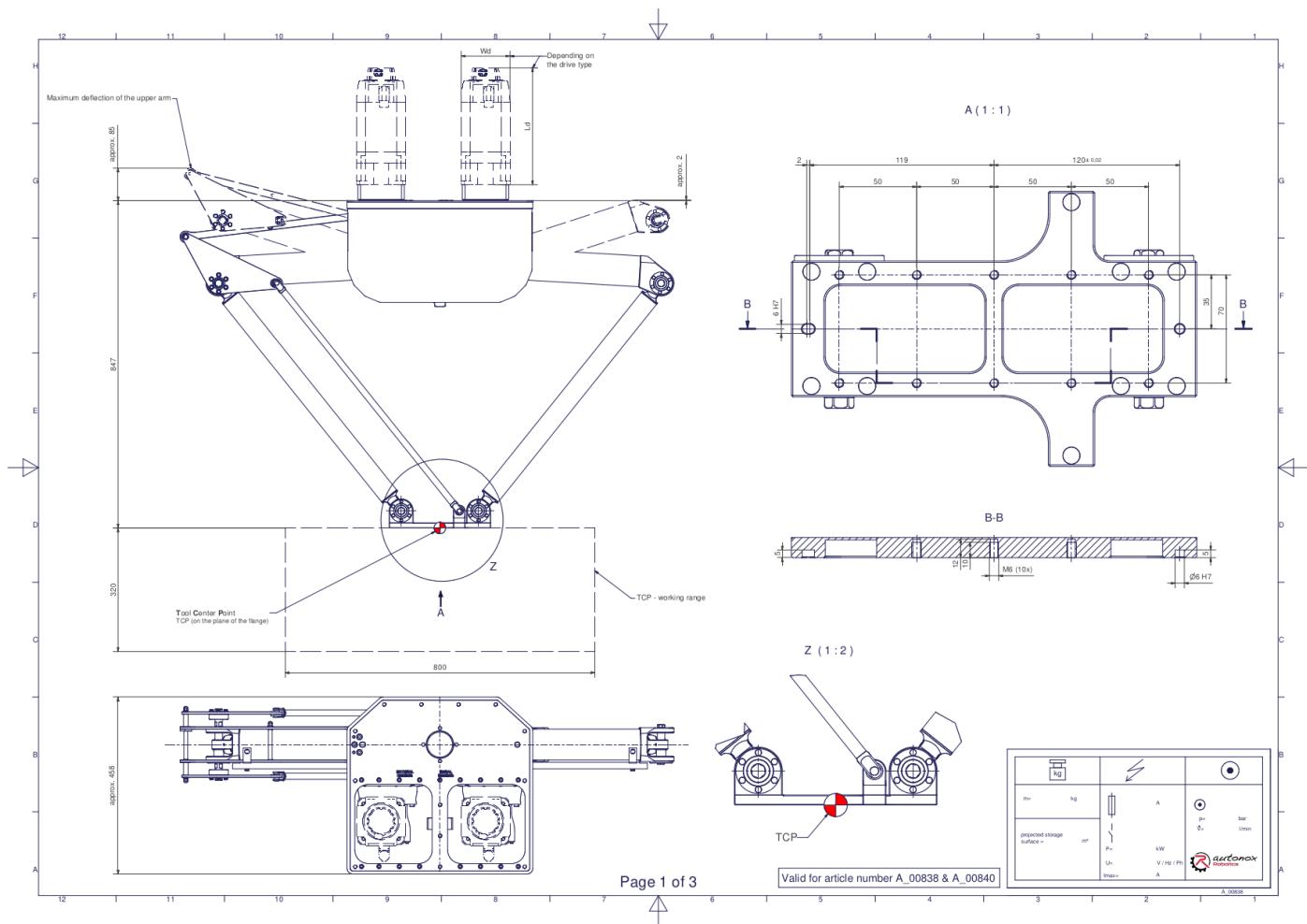
## Description:

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 two (2) translational degrees 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:**

<b>Field of application</b>	Hygienic 'HHD'
<b>Kinematics</b>	Parallel
<b>Translatory Degrees of Freedom (X,Y,Z)</b>	2
<b>Rotational Degrees of Freedom (<math>\alpha, \beta, \gamma</math>)</b>	0
<b>Nominal payload [kg   lbs] *</b>	12   26.5
<b>Working area-width [mm   in]</b>	800   31.5
<b>Working height outside [mm   in]</b>	320   12.6
<b>Bearing type of the arm joints</b>	Roller bearing
<b>Lubricants of the bearings</b>	Food-grade (FO)
<b>Lubricants of the gearboxes</b>	Synthetic
<b>Cleaning</b>	Up to 28 bar   406 psi high pressure
<b>Protection class</b>	IP69K
<b>Ambient temperature [°C   °F]</b>	0 to +40   +32 to +104
<b>Relative humidity level [%]</b>	95 (free of condensation)
<b>Mounting position</b>	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.