



## Technical specifications:

<b>Field of application</b>	Standard (not hygienic)
<b>Kinematics</b>	Serial
<b>Translatory Degrees of Freedom (X,Y,Z)</b>	3
<b>Rotational Degrees of Freedom (<math>\alpha,\beta,\gamma</math>)</b>	3
<b>Nominal payload [kg   lbs] *</b>	45   99.2
<b>Supplementary load on the rotating column [kg   lbs]</b>	70   154.3
<b>Supplementary load on the arm [kg   lbs]</b>	40   88.2
<b>Working area-reach [mm   in]</b>	2118   83.4
<b>Lubricants of the bearings</b>	Food-grade (FO)
<b>Lubricants of the gearboxes</b>	Food-grade (FO)
<b>Cleaning</b>	No high pressure
<b>Protection class</b>	IP64
<b>Ambient temperature [<math>^{\circ}\text{C}</math>   <math>^{\circ}\text{F}</math>]</b>	0 to +40   +32 to +104
<b>Relative humidity level [%]</b>	95 (free of condensation)
<b>Mounting position</b>	Floor, Ceiling
<b>Special features</b>	The base frame is not included in the scope of delivery, i.e. the gearbox has to be attached directly to the machine frame. Advantages: Compact, rigid, inexpensive

\* 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.