



## Technical specifications:

|  |   |
|--|---|
| Field of application   | Standard (not hygienic)                               |
| Kinematics   | Parallel  |
| Translatory Degrees of Freedom (X,Y,Z)                         | 3   |
| Rotational Degrees of Freedom ( $\alpha,\beta,\gamma$ )        | 0   |
| Nominal payload [kg   lbs] *                                   | 20   44.1   |
| Working area-diameter [mm   in]                                | 1200   47.2   |
| Working height outside [mm   in]                               | 300   11.8  |
| Working height center [mm   in]                                | 453   17.8  |
| Bearing type of the arm joints                                 | Roller bearing  |
| Lubricants of the gearboxes                                    | Synthetic   |
| 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] | 72   158.7  |

\* 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_BGR00017292-U-xx | Operating manual gearbox type 3 (PDF) |