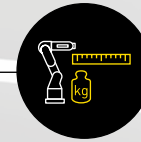


High-speed and high-payload robot for the food industry

M-20iD/25 (Food grade)



**NSF-H1 FOOD
GRADE LUBRICANT**
for food handling
applications



**25 KG PAYLOAD
AND 1831 MM REACH**
for a wider range
of applications



**LARGE
HOLLOW WRIST**
and hollow arm



**FULLY INTEGRATED
CABLE MANAGEMENT**
to eliminate interference



RATED IP65
with severe dust
and liquid protection



Small footprint, high performance

- NSF-H1 food grade lubricant and anti-rust bolts for food handling applications
- Featuring a white epoxy coating and IP65 body protection as standard
- Severe dust and liquid protection, including J1/J2/J3 cover and antirust treatment
- Stainless steel flange
- Slim and lightweight design to increase productivity
- Payloads up to 25 kg for a wide range of applications

M-20iD/25 (Food grade)

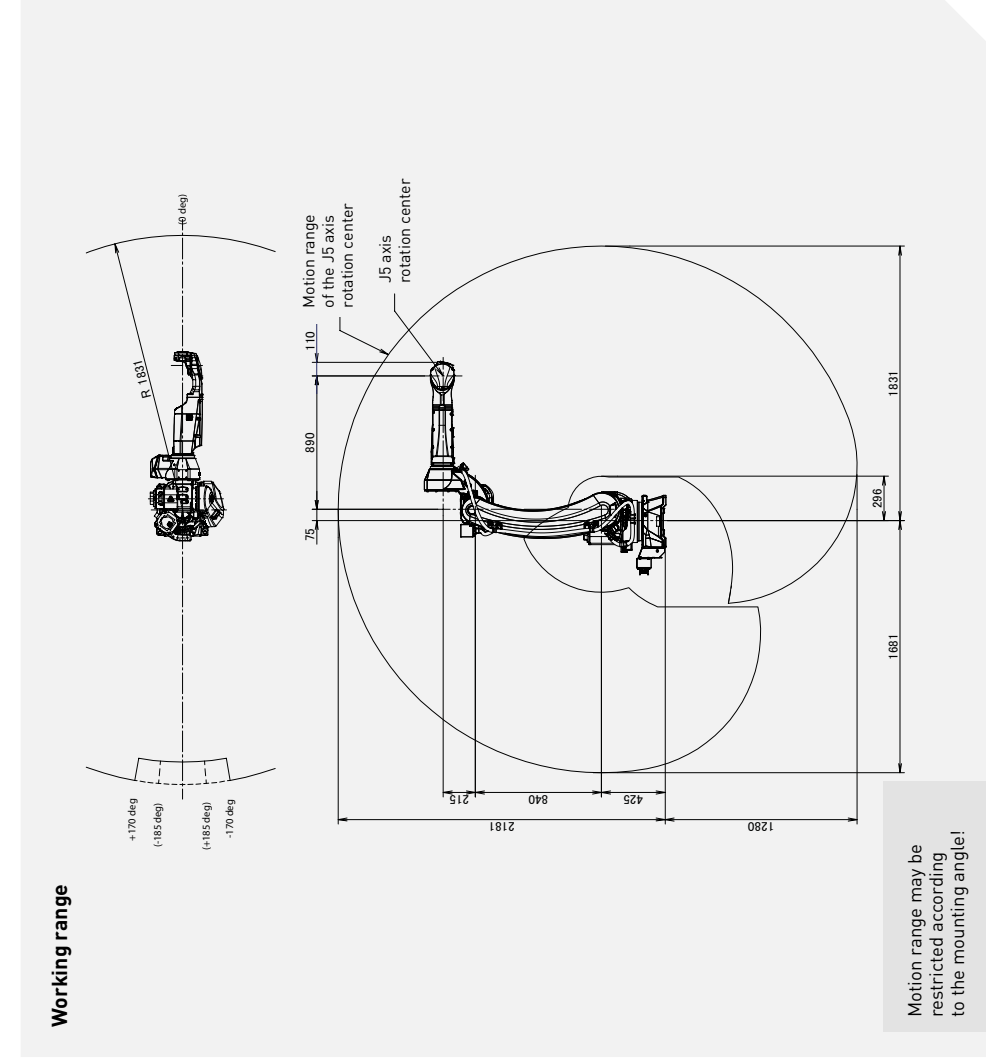
Max. load capacity
at wrist: **25 kg**



Max. reach:
1831 mm



Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						J4 Moment/Inertia (Nm/kgm ²)	J5 Moment/Inertia (Nm/kgm ²)	J6 Moment/Inertia (Nm/kgm ²)			
			J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6						
6	± 0.02*	250	340 [370]	260	458	400	280 [360]	540 [900]	-	210	210	265	420	420	420	720	-	52.0/2.4	52.0/2.4	32.0/1.2



Robot

- Robot footprint [mm] 343 x 343
- Mounting position Floor
- Mounting position Upside down
- Mounting position Angle

M-20iD/25 (Food grade)

- 343 x 343
-
-
-

Controller

- Open air cabinet
- Mate cabinet
- A-cabinet
- B-cabinet
- iPendant Touch

R-30iB Plus

-
- o
-
- o
-

Electrical connections

- Voltage 50/60Hz 3phase [V] 380-575
- Voltage 50/60Hz 1phase [V] -
- Average power consumption [kW] 1

Integrated services

- Integrated signals on upper arm In/Out 8/8
- Integrated air supply 1

Environment

- Acoustic noise level [dB] < 70
- Ambient temperature [° C] 0-45

Protection

- Body standard/optional IP65
- Wrist & J3 arm standard/optional IP67

• standard o on request - not available () with hardware and/or software option *Based on ISO9283