



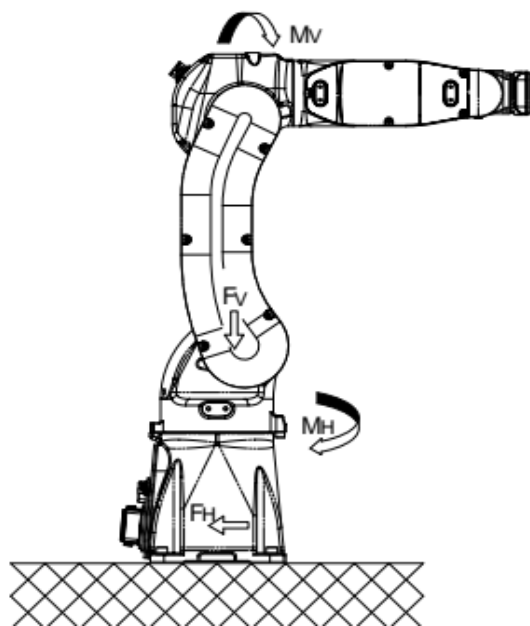
## 7<sup>TH</sup> Axis for Robotics Application Datasheet

Please include as much information as possible to assist with and speed up the specification process.

Contact Information	
<b>Company:</b>	
<b>Address:</b>	
<b>Contact:</b>	
<b>Phone:</b>	
<b>E-mail:</b>	
Application Information	
<b>Robot brand / model number / operating forces (see example on page 2):</b>	
<b>System Orientation (Horizontal, Vertical):</b>	
<b>E-Stop conditions required? (Yes/no):</b>	
<b>Stroke (mm, in):</b>	
<b>Velocity (m/s, in/s):</b>	
<b>Accel / Decel (m/s/s, in/s/s):</b>	
<b>Linear Accuracy (mm/m, in/ft):</b>	
<b>Repeatability (mm, in):</b>	
<b>Duty Cycle (m/day, in/day):</b>	
<b>Required Life (days):</b>	
<b>Can the system be lubricated?</b>	
<b>Environment (Debris, Outside, Washdown?):</b>	
<b>Temperature &amp; Humidity (°C, °F):</b>	
<b>Quantity Required:</b>	
<b>Project Timeline:</b>	
<b>Project Budget Range:</b>	

Application Information (Continued)	
Controls & Electronics Information	
<b>Controls Required:</b> Motor, Driver, Controller?	
<b>Motor Type:</b> Stepper, Smart Stepper, Servo?	
<b>Power Available:</b> 24VDC, 48VDC, 110VAC, 220VAC, Other?	
<b>Communication Protocol:</b> Indexer, Modbus, CAN open, Other?	
<b>Brand Requirement:</b>	

Robot manufacturer's operating forces example:



	Horizontal rotation		Vertical rotation	
	Reaction force $F_H$	Torque $M_H$	Reaction force $F_V$	Torque $M_V$
Emergency stop	1079 N (110 kgf)	765 N·m (78 kgf·m)	1765 N (180 kgf)	1000 N·m (102 kgf·m)
Acceleration/deceleration	343 N (35 kgf)	216 N·m (22 kgf·m)	343 N (35 kgf)	265 N·m (27 kgf·m)

**Application Description / Comments**

Please provide a written summary of what the application is doing. If sketches/drawings are available, please attach to the e-mail conversation when submitting the ADS.