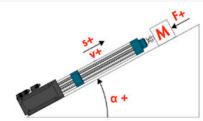


Electric Cylinders

Company	
Compiled by	
Date	



Cycle Time														
Description														
Phase No.		1	2	3	4	5	6	7	8	9	10			
Stroke (mm): +: piston rod out, -: piston rod in														
Time (s)														
Inclination (°) 0° horizontal, +90° upward vertical, -90° downward vertical														
External force (N) +: pushing piston rod, -: pulling piston rod														
Mass to displace (kg)														
Coefficient of friction between load and support or coupling types (ball guide bushing, sliding guide bushing, etc.)														
Cycle frequency (cycles/min)														
Total cylinder stroke (mm)														
Any space limitations														
Axis must work "in position" more reacting against external force with controlled force against exdefined)?	s), or "in torque" mode (i	.e. pushing	☐ Torque☐ Position											
IT'S REQUIRED A FEED-BA	CK CHECK OF:													
Force (N) (brushless moto	or)		☐ Yes ☐ No											
Position (mm) (stepping w	vith encoder or brushles	S)	□ Yes □ No											
No. of hours/day worked (h/d)														
Temperature °C / Humidity														
Free or Non-Rotating piston ro version)	d? (Round DC cylinder has	no antirotation	☐ Integrated into the cylinder ☐ External by the customer											
Protection rate (IP)			□ IP40 □ IP55 □ IP65											
"In-Line" or "Geared" motor? (v	where applicable)		□ In line □ Geared											
Need for piston rod braked with pitch 4 is irreversible)	h motor off (for Round DC	cylinder the screw	□ Yes □ No											
Motor			☐ Metal Work ☐ Client ☐ To be evaluated (produce both solutions)											
Available supply voltage														
The control will be done with:			 □ PLC with step-dir board and "Line Driver" signals □ PLC with step-dir board and "Open Collector" signals □ PLC with brushless axis board □ There is no PLC 											
Field BUS, if any														
Short description, notes and de	raw of the possible appli	cation:												