	ELEKTRO ISO 15552 - ELEKTRO ISO 15552 EK - ELEKTRO ROUND DC - ELEKTRO SSC	Company	
		Compiled by	
		Date	

	1	2	3	4	5	6	7	8	9	10
Cycle Time										
Description										
Phase nr.	**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)										
End-of-cycle pause time (sec)										
Load in pause (kg)										
Thust in pause (N)										
Total cylinder stroke (mm)										
Dimension limits, if any										
Axis must work "in position" mode (i.e. reaching a defined position, reacting against external forces), or "in torque" mode (i.e. pushing with controlled force against external obstacles in position not defined)?										

IT'S REQUIRED A FEED-BACK CHECK OF:

Force (N) (brushless motor)	
Position (mm) (stepping with encoder or brushless)	
Worked hours per day (h/d)	
Ambient temperature (°C)	
Free or Non-Rotating piston rod? (Round DC cylinder has no antirotation version)	
Protection rate (IP)	☐ IP40 ☐ IP55 ☐ IP65
"In-Line" or "Geared" motor? (where applicable)	
Need for piston rod braked with motor off (for Round DC cylinder the screw pitch 4 is irreversible)	
Motor and driver other than standard Metal Work	
Main voltages availables	
The control will be made with:	☐ PLC with step-dir board and "Line Driver" signals ☐ PLC with step-dir board and "Open Collector" signals ☐ PLC with axis board for brushless ☐ There isn't a PLC
Field BUS, if any	

FOR THE ROUND DC SPECIFY:

the type of cylinder ends	
protection fuse	
Short description of the application and notes:	