

TECHNICAL DATA FORM FOR ELECTRIC CYLINDER SIZING

QUANTITY REQUIRED \_\_\_\_\_

Customer			Date	
Ref. Person		Position		
Phone		E-mail		

**MANDATORY DATA (if not filled-out, application sizing is NOT possible)**

Mass to be moved		Kg	
Max load in push or pull mode <sup>(1)</sup>		Kg	
Working position (horizontal/vertical or angle)	Degrees (0° = horiz.   90° = vert.)	xx°	
Only positioning or pushing at end of stroke <sup>(2)</sup>		YES / NO	
Working stroke of the system		mm	
Stroke at max load		mm	
Speed in max load phase <sup>(3)</sup>	Consider for ramps, in case of short cycle.	mm/sec	
Max required speed <sup>(3)</sup>	Consider for ramps, in case of short cycle.	mm/sec	
Time for a complete working cycle	(forward / backward)	sec	
Standstill brake needed	Typical for vertical axis	YES / NO	
Motor needed		YES / NO	
Driver needed		YES / NO	

- (1) Load is the effective weight to move, PLUS the force to apply during the stroke or at the end.
- (2) "NO" means that the cylinder keep pushing when reaching end-stroke (even if, for any reason, it cannot reach the pre-set quote).
- (3) If data are not available, please specify at least the working cycle time.

**NON-MANDATORY DATA**

N. of cycles per minute		#	
Working hours per day		#	
Requested positioning precision	+/- hundredths of mm	mm/100	
Anti-rotation	N = None; P = Present	N / P	
Motor mounting, in line or parallel	L = In line; P = Parallel	L / P	
Protection class	N = IP44 ; S = IP65	N / S	
Motor type	B = Brushless ; S = Stepper ; D = DC Motor	B / S / D	

QUICK DESCRIPTION OF THE APPLICATION / NOTES FOR THECNICAL DEPT.


