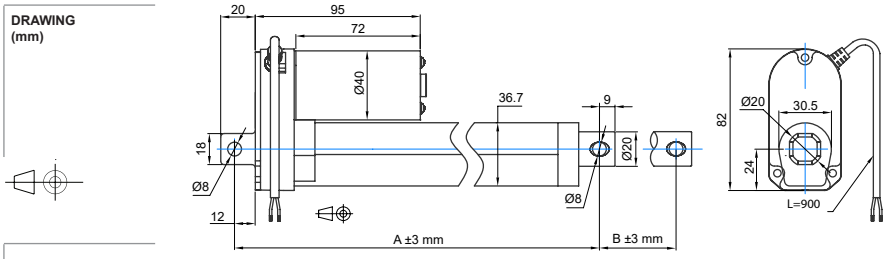
DLA Series / 25 - 300mm / 150 - 1000N

DRAWING (mm)



PHOTO

MODEL NO. DESIGNATION

DLA	-	VOLTAGE	-	REDUCTION	-	A	-	STROKE	-	IP65

Example: DLA-12-5-A-50-IP65

OPTIONS MOUNTING BRACKETS AND CONTROL SYSTEMS

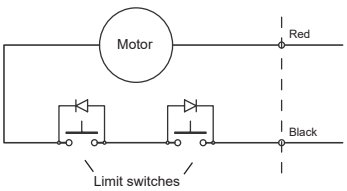
● C = customizations are offered on demand even for smaller quantities. Typical customizations indicated with green dot at column end. Please contact us for any customization request

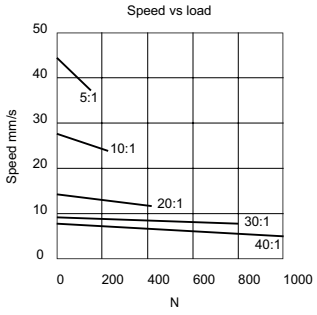
ACTUATOR DATA						C
Reduction	5	10	20	30	40	
Voltage (VDC)	12 | 24	12 | 24	12 | 24	12 | 24	12 | 24	●
Current at nominal dynamic load (A)	3.2 | 1.6	3.2 | 1.6	3.2 | 1.6	3.2 | 1.6	3.2 | 1.6	
Nominal dynamic load (N)	150	250	500	800	1000	
Max. static load (N)	500	2500	2500	2500	2500	
Speed at nominal dynamic load (mm/s)	36.5	23.5	12.3	7.5	5.5	

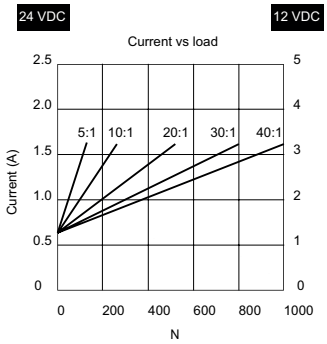
ACTUATOR STROKE DATA								C
Stroke length B (mm)	25.4	50.0	100.0	150.0	200.0	250.0	300.0	●
Retracted length A (mm)	132.6	158.0	209.0	260.0	311.0	362.0	413.0	●
Life time number single strokes	157.000	80.000	40.000	26.666	20.000	16.000	13.333	
Weight (kg)	0.800	0.850	0.925	0.990	1.060	1.130	1.200	

MOTOR WIRING			C
	Red	Black	●
Extend	+	-	
Retract	-	+	

Motor wiring







ACTUATOR FEATURES AND STANDARD DATA		
Type	Electric linear actuator	
Voltage	12 or 24 VDC	●
Limit switches	Integrated non adjustable	
Feedback options	Potentiometer or hall sensor	●
Protection class	IP65	●
Duty cycle	25%	
Max. duty operational time	1 min. nominal dynamic load	
Noise level	< 70 dB (A)	●
Life time	4 million mm total stroke	
Direction movement	By reversing voltage polarity	
RoHS compliance	Yes	
CE label	Yes	

ACTUATOR FEATURES AND STANDARD DATA		
Operating and storage temperature	-26°C~+65°C	
Max. motor winding temp.	155 °C	
Stroke tolerance	±3 mm	●
Screw type	ACME pitch 3 mm	
Gear material	Metal spur gears	
Motor pinion gear	Plastic	●
Cable	Flying wire 900 mm	●
Rod material	Aluminium	
House material	Aluminium	
Gear house material	STKM11A & zinc alloy	
Manufacturing quality standards	ISO 9001:2008	
EMC	EN55014 IEC61000	

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