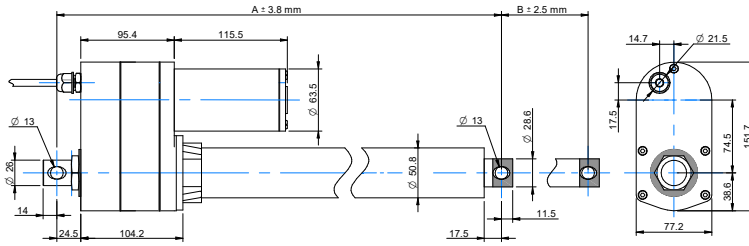


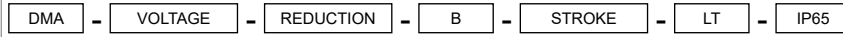
DRAWING (mm)



PHOTO



MODEL NO. DESIGNATION



Example: DMA-12-20-B-305-LT-IP65

OPTIONS MOUNTING BRACKET



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

ACTUATOR DATA C

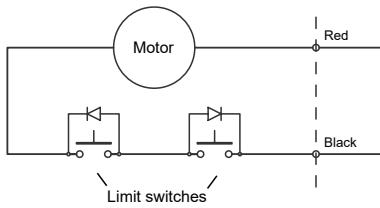
Reduction		5	10	20	30	40	●
Voltage	V	12 24	12 24	12 24	12 24	12 24	
Current at nominal dynamic load	A	28 14	18 9	13 7	13 7	11 5.5	
Nominal dynamic load	N	2600	3500	4500	6000	7000	
Max. static load	N	14000	14000	14000	14000	14000	
Speed at nominal dynamic load	mm/s	47	27	14	9.8	7.4	
Speed at no load	mm/s	67	34	17	11	8.4	

ACTUATOR STROKE DATA C

Stroke length B	mm	102	153	203	305	457	610	●
Retracted length A	mm	399	450	501	680	832	985	
Life time number single strokes		39000	26000	20000	13000	8700	6500	
Weight	kg	4.3	4.6	4.9	5.4	6.2	7.8	

WIRING DIAGRAMS

Motor wiring

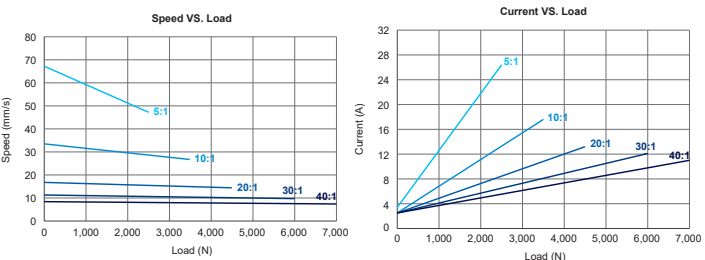


	Red	Black
Extend	+	-
Retract	-	+

ACTUATOR FEATURES C

Type	Electric linear actuator		
Motor type	Brush PM DC motor		
Cable type	Flying wire (3+2 wires)		●
Cable length	mm	250	●
Voltage	V	12 24	●
Screw type	Ball screw		
Noise level	dB(A)	≤ 70	
Life time	4 million mm total stroke		
Limit switches	Yes		
Overload protection	By clutch		
Direction movement	By reversing voltage polarity		
Stroke tolerance	mm	± 2.5	
Duty cycle	%	25	
Max. duty operational time	s	120 nominal dynamic load	
IP rating	IP65		
Insulation class	F		
Max. motor winding temp.	°C	155	
EMC	EN55014 IEC61000		
Gear box	Metal spur gears		
Gear box material	Aluminum alloy		
Rod and house material	Steel 12L14 STKM11A		
Feedback options	Potentiometer		
Operating and storage temperature	°C	-26 to 65	●
Manufacturing quality standards	ISO 9001:2008		
General actuator tolerance	%	± 15	

MOTOR GRAPHS 12 V



MOTOR GRAPHS 24 V

