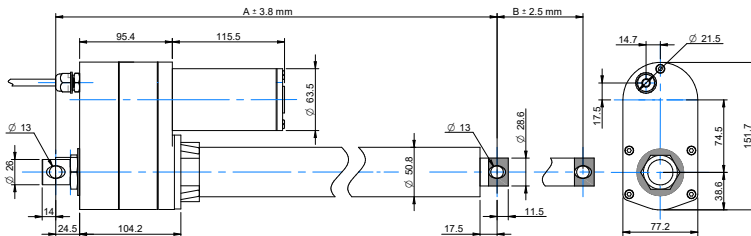


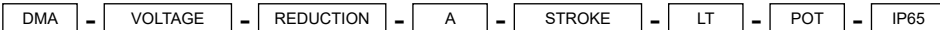
DRAWING (mm)



PHOTO



MODEL NO. DESIGNATION



Example: DMA-12-20-A-305-LT-POT-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

		10	20	40
Reduction		10	20	40
Voltage	V	12 24	12 24	12 24
Current at nominal dynamic load	A	18 9	13 6.5	11 5.5
Nominal dynamic load	N	1500	2500	3500
Max. static load	N	4500	4500	4500
Speed at nominal dynamic load	mm/s	27	14	7.4
Speed at no load	mm/s	34	17	8.4

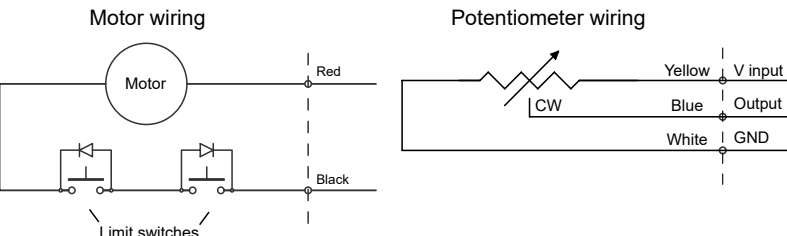
ACTUATOR FEATURES C

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	ACME
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	Potentiometer ●
Operating and storage temperature	°C -26 to 65 ●
Manufacturing quality standards	ISO 9001:2008
General actuator tolerance	% ± 15

ACTUATOR STROKE DATA C

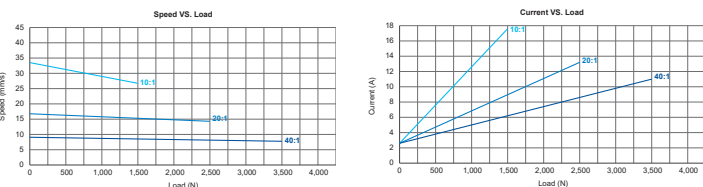
	mm	102	153	203	305	457	610
Stroke length B	mm	102	153	203	305	457	610 ●
Retracted length A	mm	359	410	460	613	765	918
Feedback	Ω/mm	100	67	50	33	22	17
Life time number single strokes		39000	26000	20000	13000	8700	6500
Weight	kg	4.3	4.6	4.9	5.4	6.2	7.8

WIRING DIAGRAMS



	Red	Black
Extend	+	-
Retract	-	+

MOTOR GRAPHS 12 V



MOTOR GRAPHS 24 V

