Actuator **RE35**

RE35 is with its robust and compact design suitable for many different applications. The materials used in the RE35 actuator are painted steel and plastic. All materials are chosen to be harmless to the environment.

Standard features

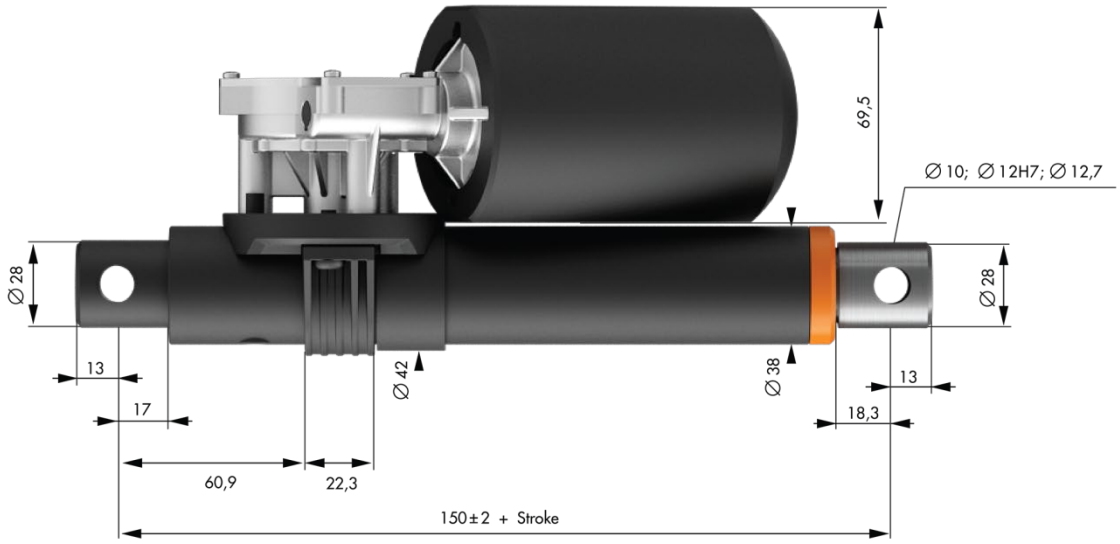
Max push force	800N – 6000N
Max pull force	Contact REAC for more information
Max speed (full load)	3,0 – 32,0 mm/s
Max speed (no load)	6,0 – 36,0 mm/s
Min built in length	Standard: 150mm + stroke. Compact: 97mm + stroke
Stroke lengths (mm)	50, 100, 150, 200, 250
IP-class	IPX1
Current consumption (full load)	4,5A – 13,0A
Current consumption (no load)	2,0 – 3,5A
Feedback & switches	-
Motor	24VDC standard or strong Angle: 23°, 143° or 263° Cover: Rubber sleeve
Mounting brackets	cyl 10,1/12,1/13,1mm, fork 10,1mm. Angle for rear bracket: 0°, 90°
Connection	Cable 0,5m 2x1,5mm^2 (stripped ends)
Operating temperature	-25° to +65°C
Storage temperature	-40° to +85°C
Housing	Steel
Piston	Stainless steel
Color	Black
Duty cycle	10%, max 2 min at continuous use followed by an 18 min rest

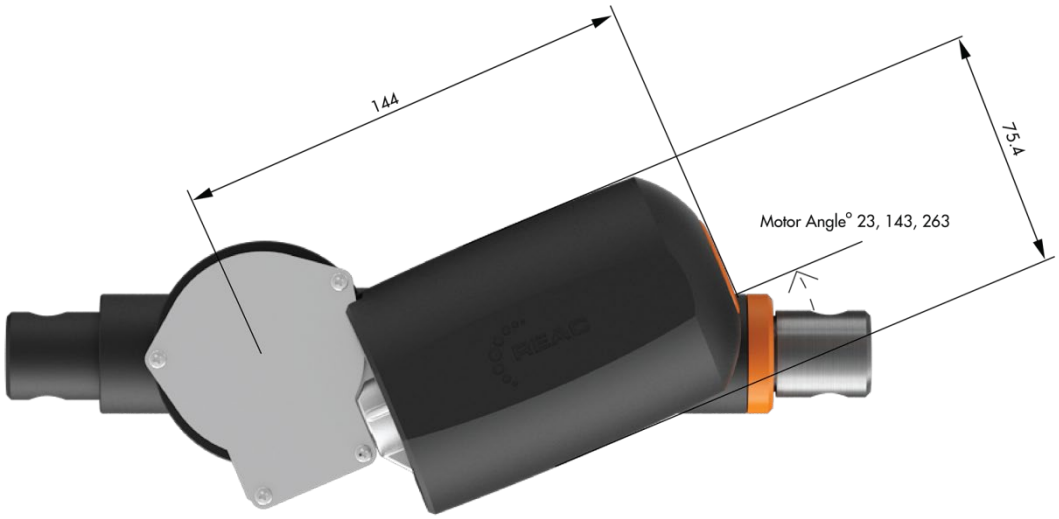
Options

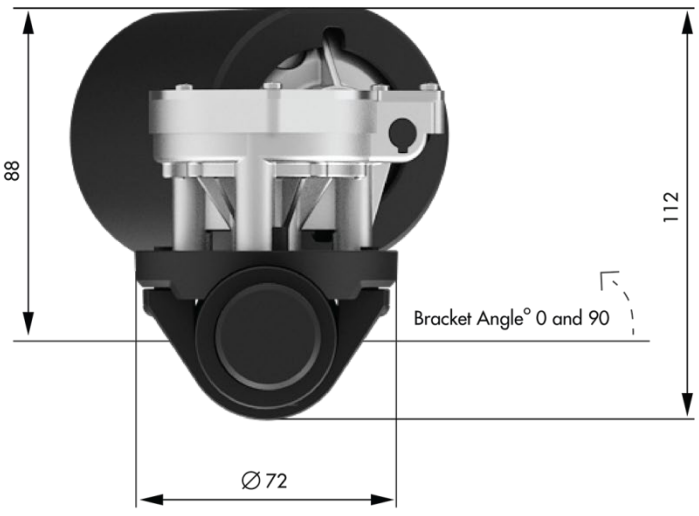
Stroke lengths (mm)	Customizable
IP-class	IPX4
Mounting brackets	Customizable
Connection & Cables	Customizable
Feedback & switches	Hall sensor feedback, 1 or 2 channels Encoder Mulit turn potentiometer DigPot

Dimensions

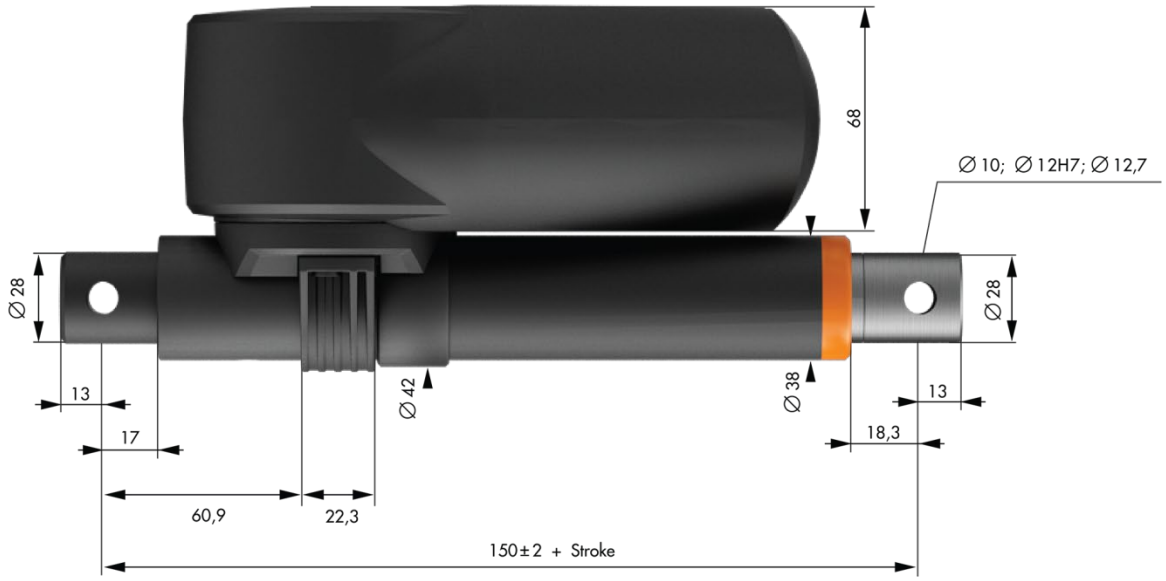
Standard configuration, Standard/Strong motor IPX1

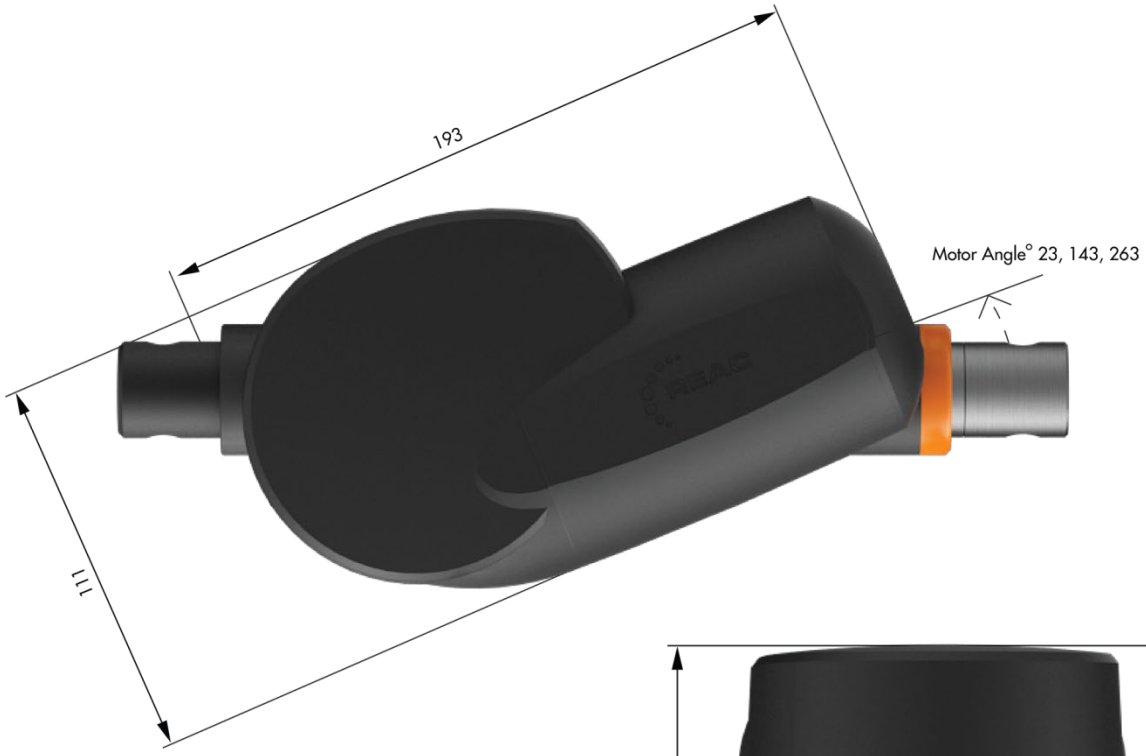


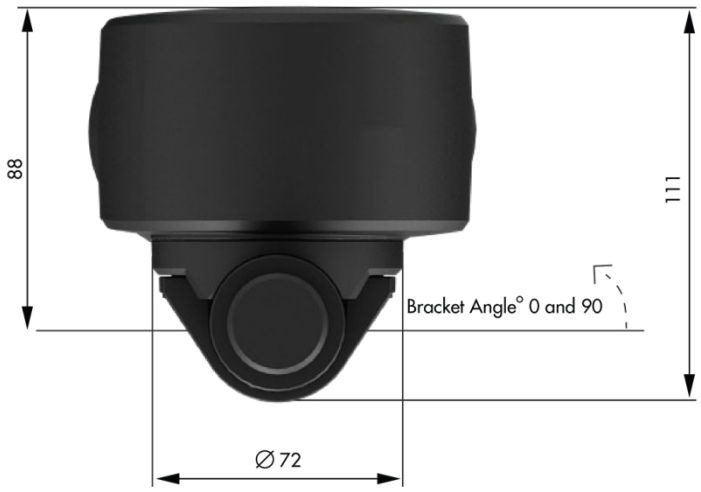




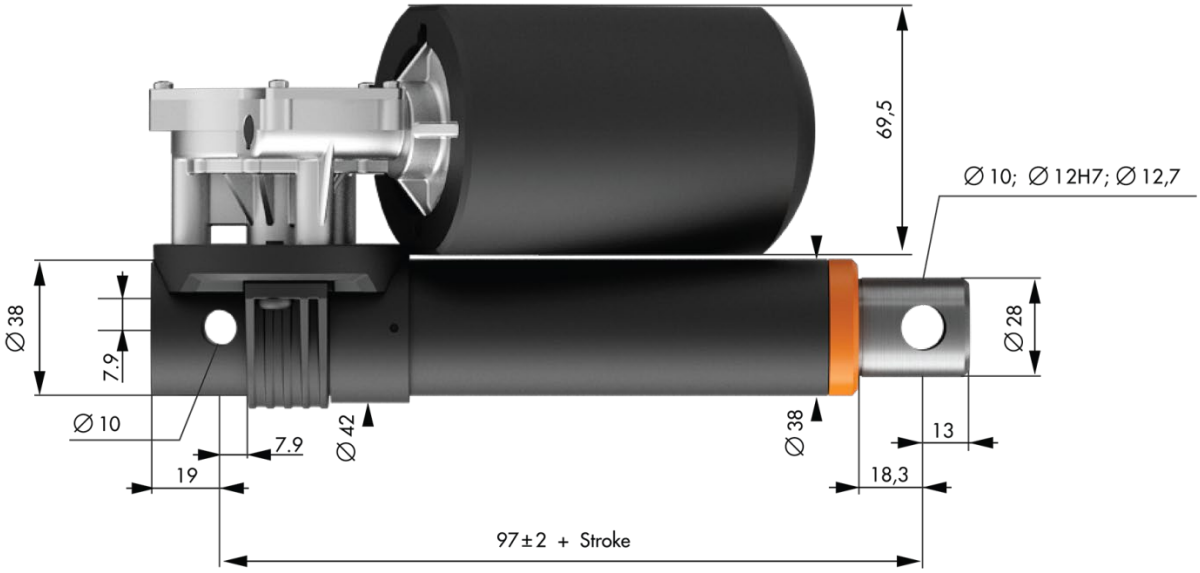
Standard configuration, Standard/Strong motor IPX4

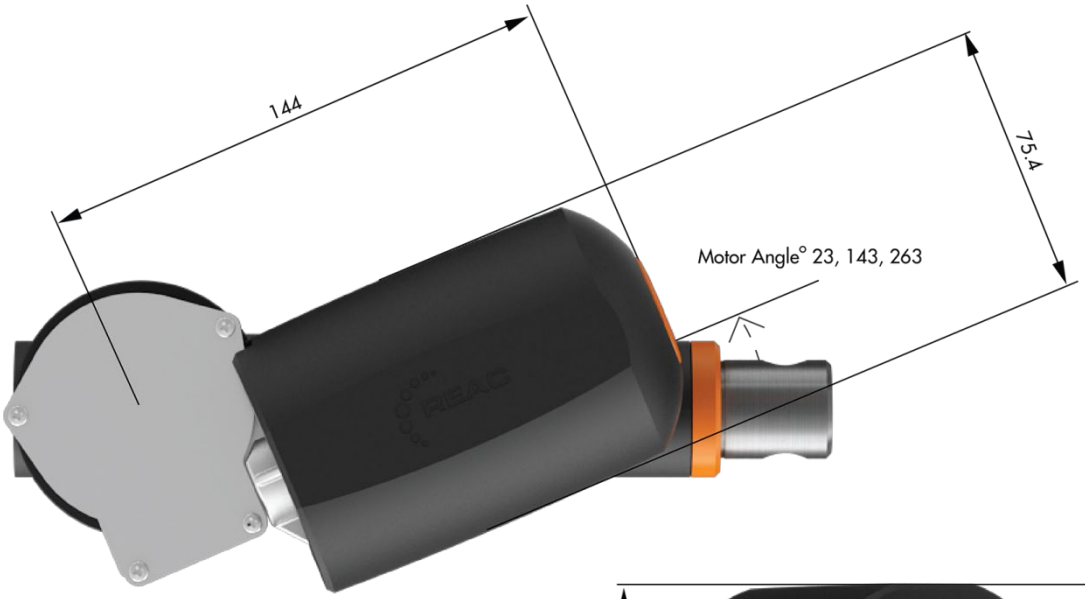


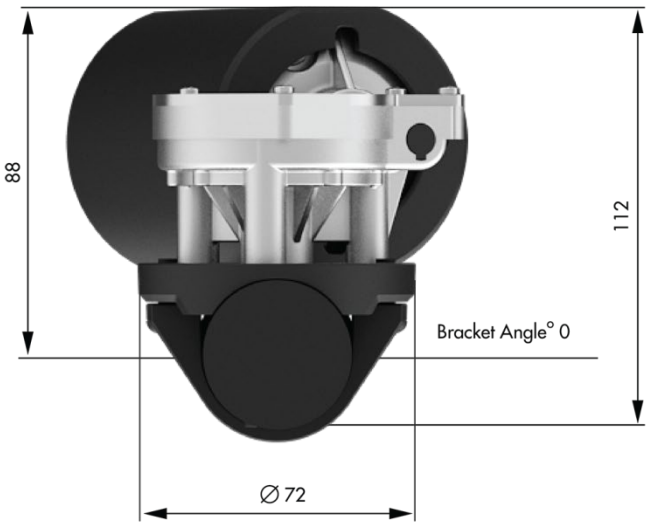




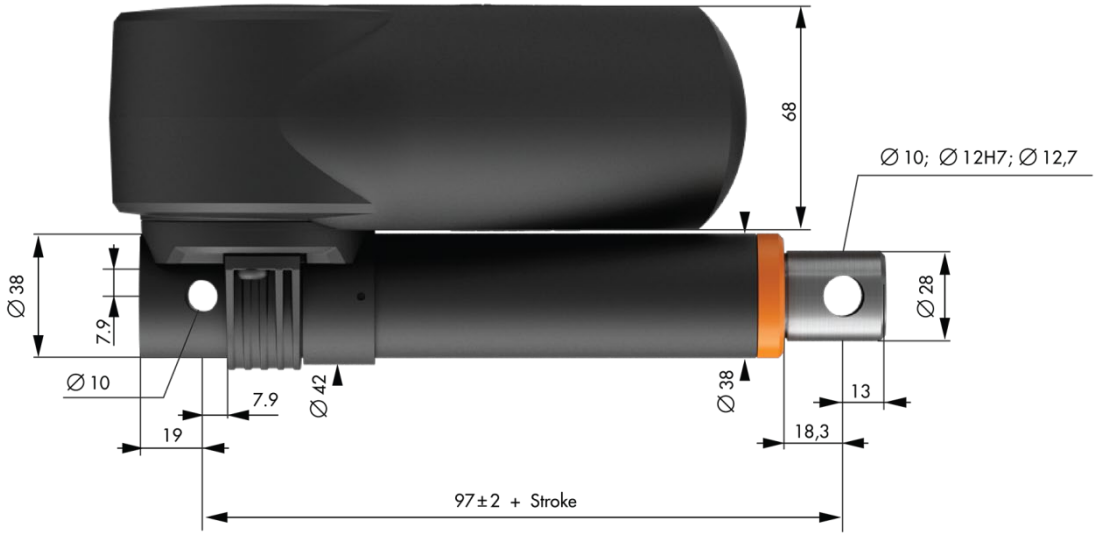
Compact configuration, Standard/Strong motor IPX1

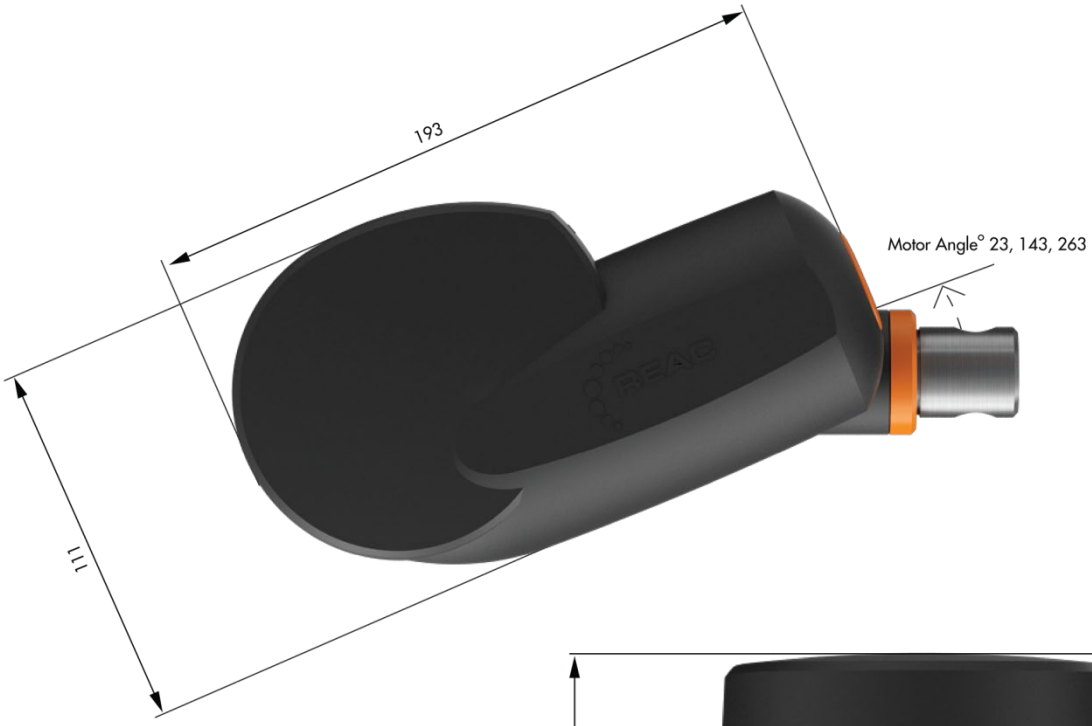


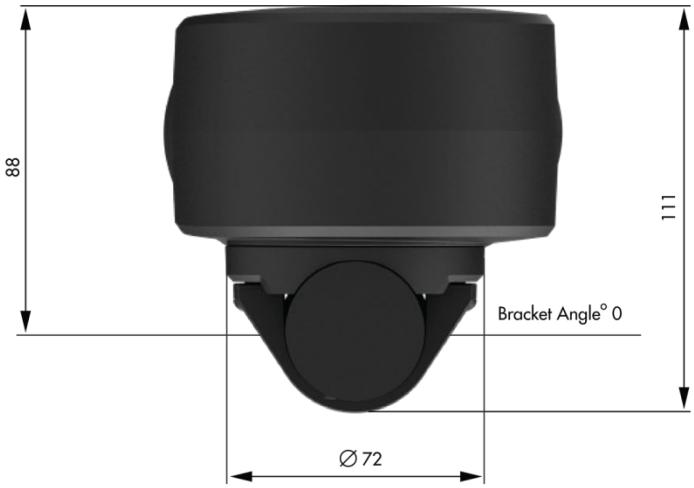




Compact configuration, Standard/Strong motor IPX4





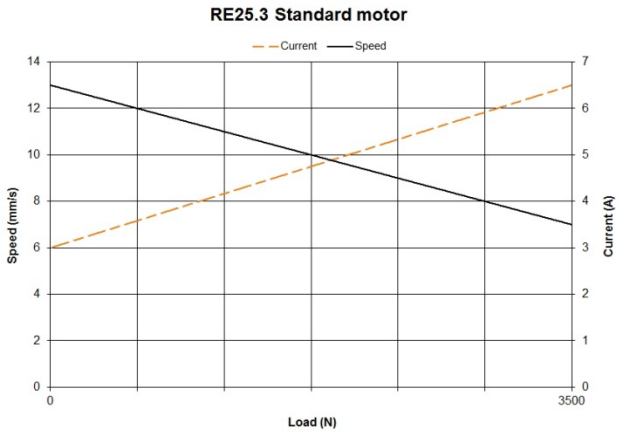


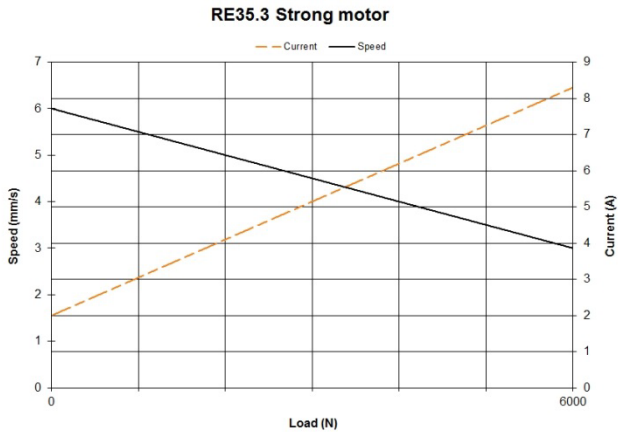
Actuator **RE35**

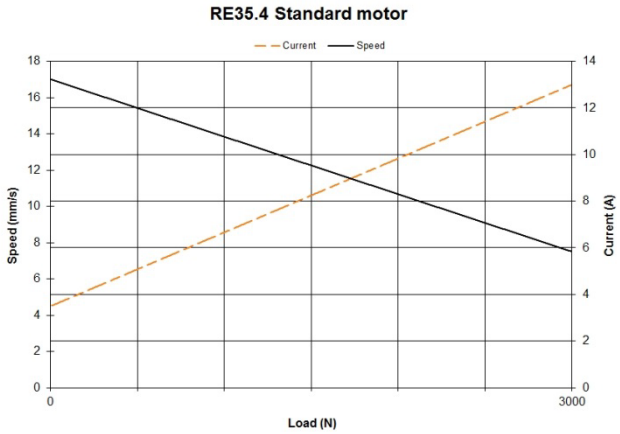
Performance

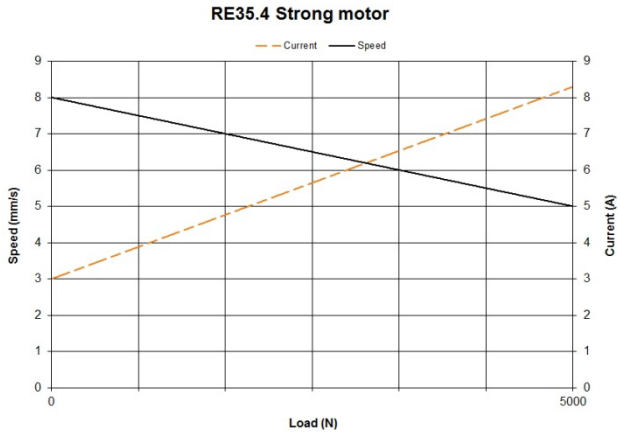
Name	Max push force [N]	Speed at no load [mm/s]	Current consumption at no load [A]	Min. build-in length, excl. stroke [mm]	Max pull force [N]	Speed at max. load [mm/s]	Current consumption at max. load [A]	Stroke length std [mm]	IP class	Pitch [mm]
RE35 Compact	6000	6	2	97	Contact REAC for more information	3	8.3	50-250	IPX1 - IPX4	3
RE35 STD - 3	3500	13	3	150	Contact REAC	7	6.5	50-250	IPX1 - IPX4	3
RE35 STD - 4	3000	17	4	150	Contact REAC	7.5	13	50-150	IPX1 - IPX4	4
RE35 STD - 6	2500	28	3	150	Contact REAC	17	9	50-250	IPX1 - IPX4	6
RE35 STD - 9	800	36	3	150	Contact REAC	32	6	50-250	IPX1 - IPX4	9
RE35 Strong	6000	6	2	150	Contact REAC	3	8	50-250	IPX1 - IPX4	3
RE35 Strong	5000	8.0	3.0	150	Contact REAC	5.0	8.3	50-250	IPX1 - IPX4	4
RE35 Strong	4200	13	2	150	Contact REAC	8.5	6	50-250	IPX1 - IPX4	6
RE35 Strong	2000	19	2	150	Contact REAC	15	4.5	50-250	IPX1 - IPX4	9

Chart showing force, speed and current for RE35



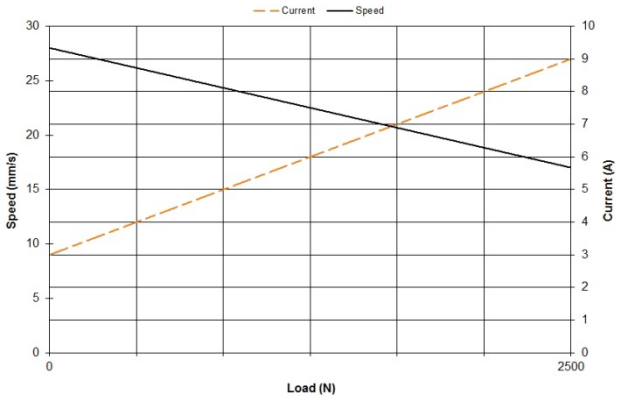




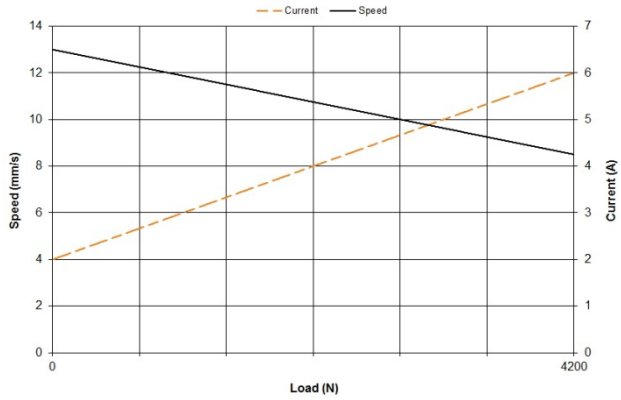


Charts show average figures for 24V actuator using stabilized power supply. All figures with ambient temperature of 20˚C. Accuracy: ±5.

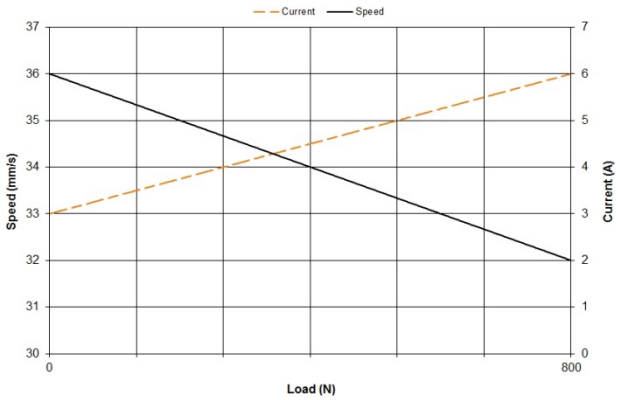
RE35.6 Standard motor



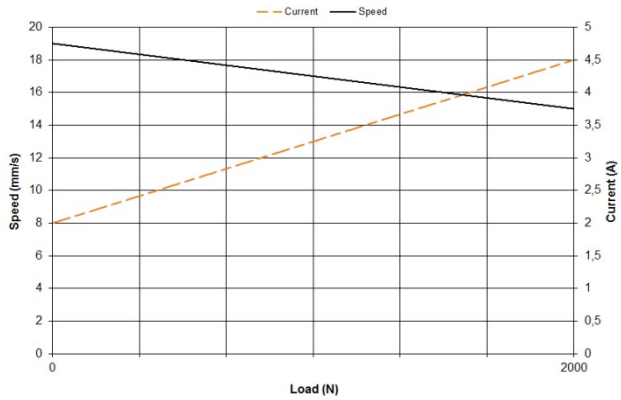
RE35.6 Strong motor



RE35.9 Standard motor



RE35.9 Strong motor



Charts show average figures for 24V actuator using stabilized power supply. All figures with ambient temperature of 20˚C. Accuracy: ±5.

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