

Actuator **RE25**



RE25 is with its flexible and compact design suitable for many different applications. The materials used in the RE25 actuator are anodized aluminum, painted steel and plastic. All materials are chosen to be harmless to the environment.

Standard features

Max push force	2300N – 5000N
Max pull force	Contact REAC for more information
Max speed (full load)	4,0 – 12,0 mm/s
Max speed (no load)	6 - 17 mm/s
Min built in length	110mm + stroke
Stroke lengths (mm)	50, 100, 150, 200, 250
IP-class	IPX1
Current consumption (full load)	6,0A – 8,0A
Current consumption (no load)	2,5A – 3,0A
Feedback & switches	-
Motor	24VDC standard or strong Motor angle: 360° step less rotation Motor cover: Plastic
Mounting brackets	cyl 10,1/12,1/13,1mm, fork 10mm
Connection	Cable 0,5m 2x0,75mm ² (stripped ends)
Operating temperature	-25° to +65°C
Storage temperature	-40° to +85°C
Housing	Aluminum
Piston	Stainless steel
Color	Black
Duty cycle	10%, max 2 min at continuous use followed by an 18 min rest

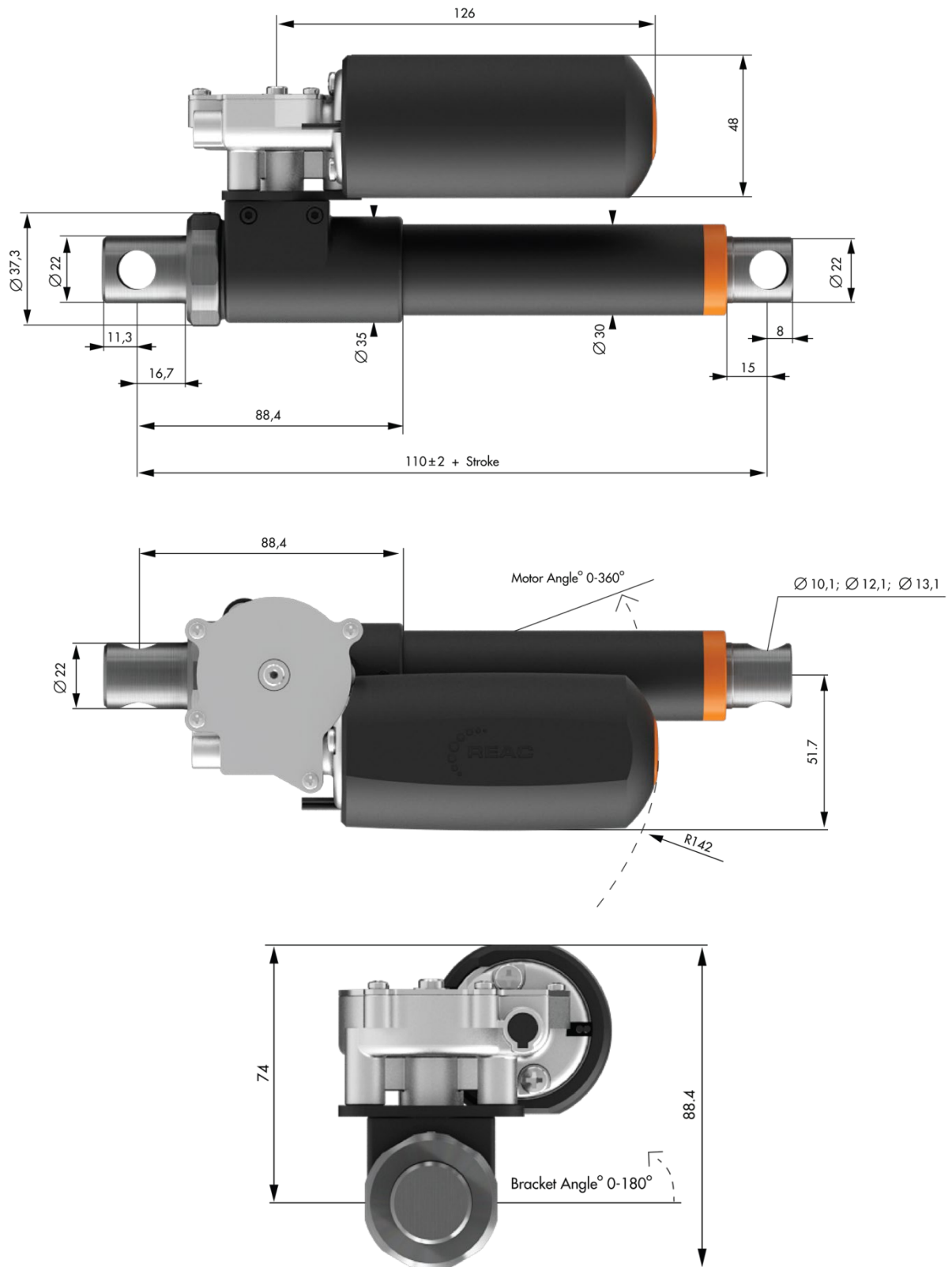
Options

Stroke lengths (mm)	Customizable
IP-class	IPX4
Mounting brackets	Customizable
Connection & Cables	Customizable
Color	Customizable
Feedback & switches	Optical sensor encoder Hall sensor feedback, 1 or 2 channels Multi turn potentiometer DigPot
Motor	12VDC

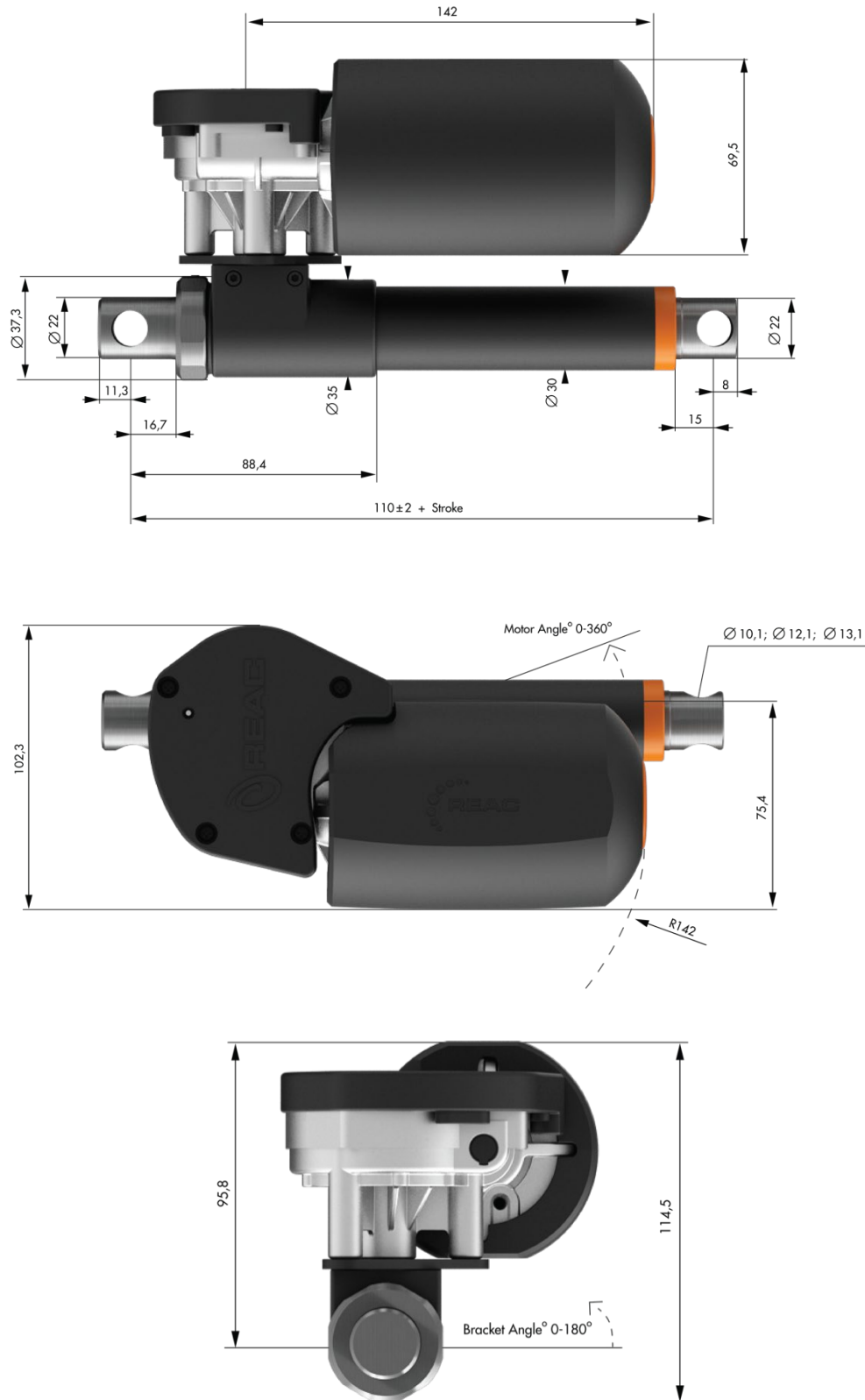
Actuator RE25

Dimensions

Standard motor IPX1

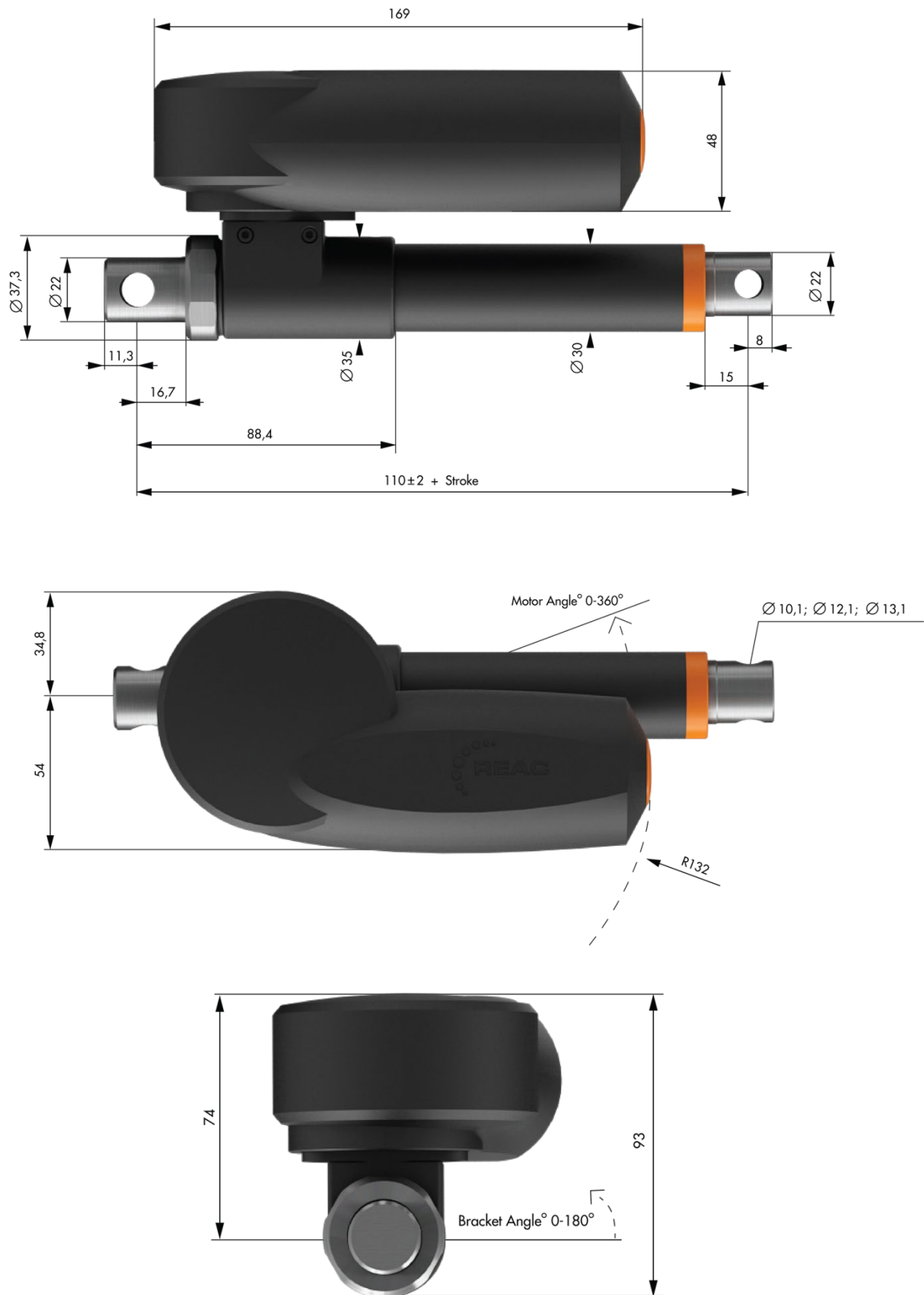


Strong motor IPX1

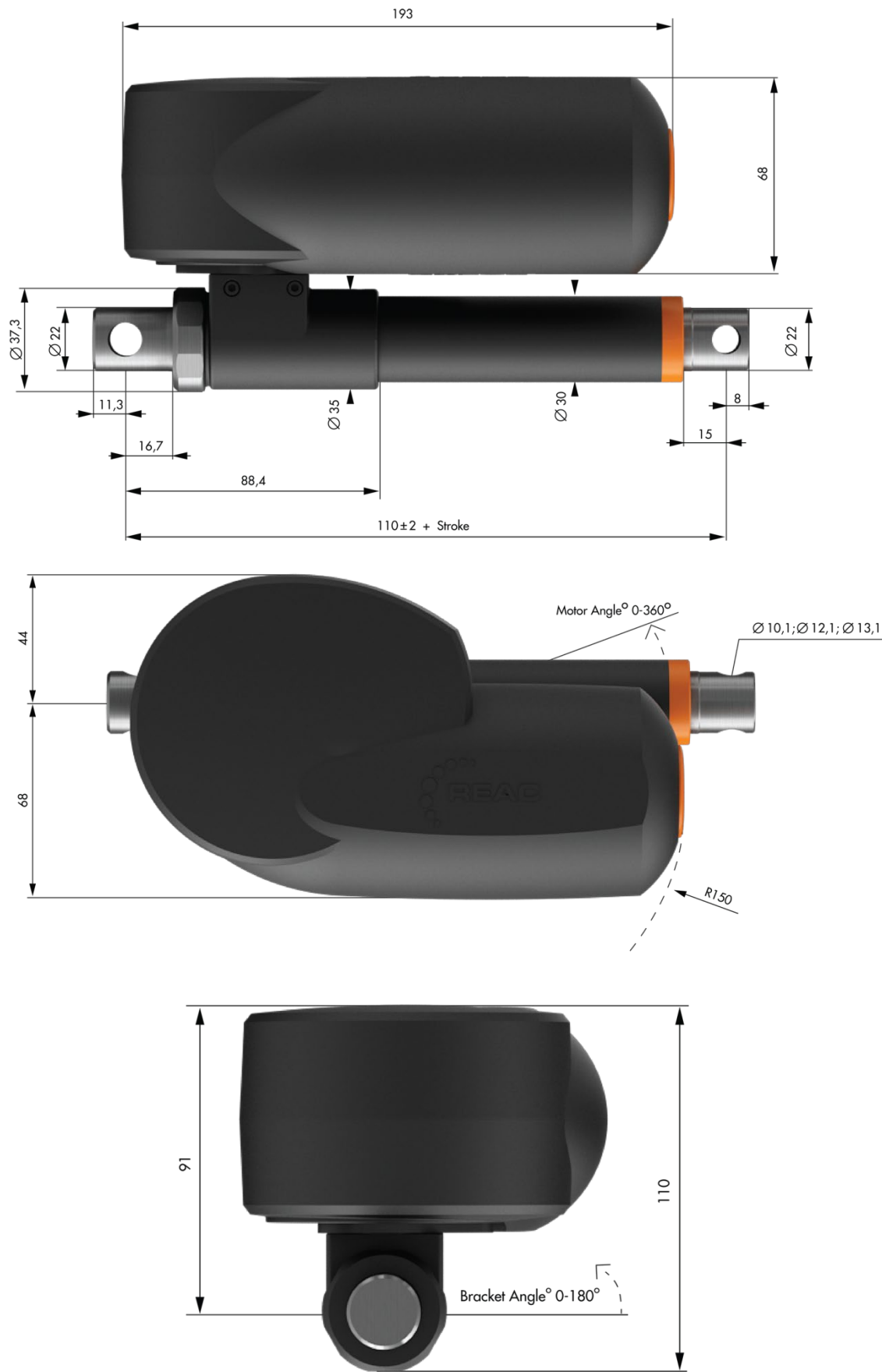


Actuator RE25

Standard motor IPX4



Strong motor IPX4



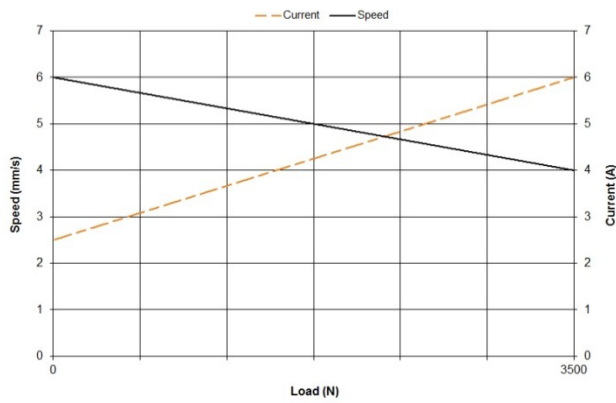
Actuator RE25

Performance

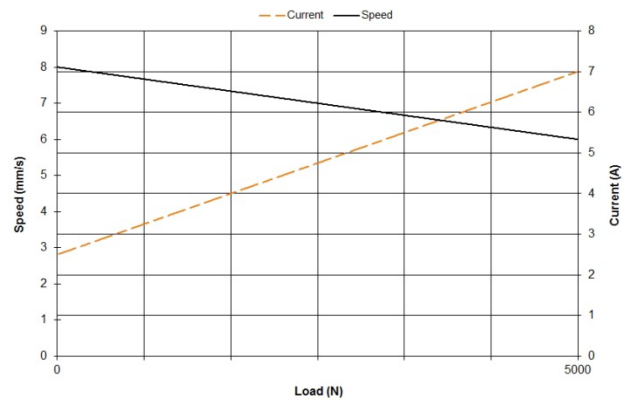
Chart showing force, speed and current for RE25

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]
RE25	2300	13	3	110	Contact REAC for more information	8.5	6.0	50-250	IPX1 - IPX4	8
RE25 STD - 3	3500	6	2.5	110	Contact REAC	4.0	6.0	50-250	IPX1 - IPX4	3
RE25 STD - 4	3200	8	2.5	110	Contact REAC	4.2	6.8	50-250	IPX1 - IPX4	4
RE25 STD - 6	2700	11	3	110	Contact REAC	8.0	5.5	50-250	IPX1 - IPX4	6
RE25 STRONG - 3	5000	6	2.5	110	Contact REAC	6.0	7.0	50-250	IPX1 - IPX4	3
RE25 STRONG - 4	4000	11	3	110	Contact REAC	8.0	8.0	50-250	IPX1 - IPX4	4
RE25 STRONG - 6	3000	17	3	110	Contact REAC	12.0	6.0	50-250	IPX1 - IPX4	6

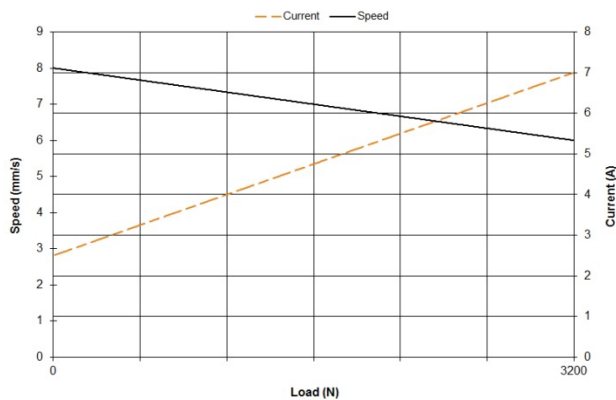
RE25.3 Standard motor



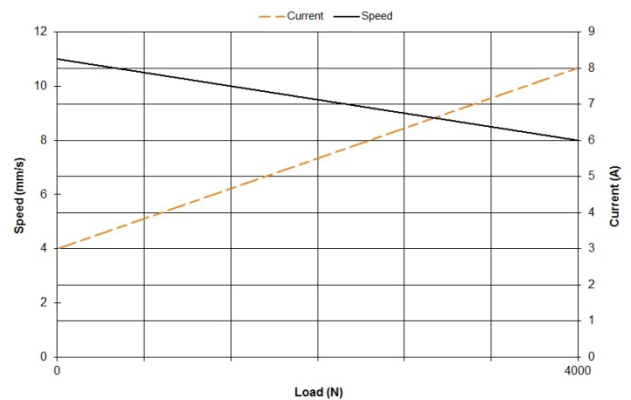
RE25.3 Strong motor



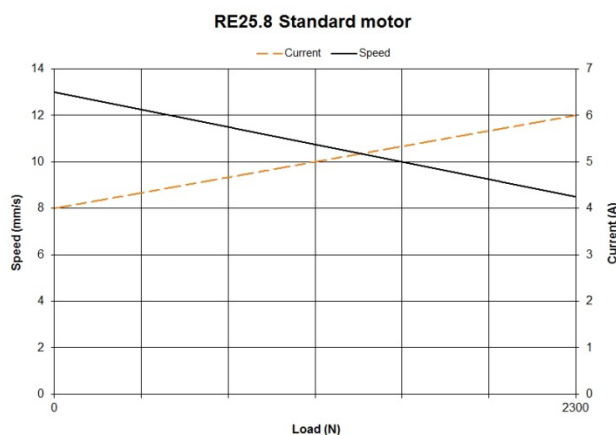
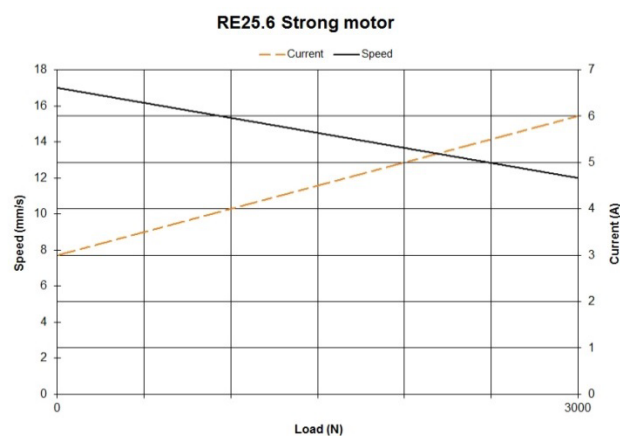
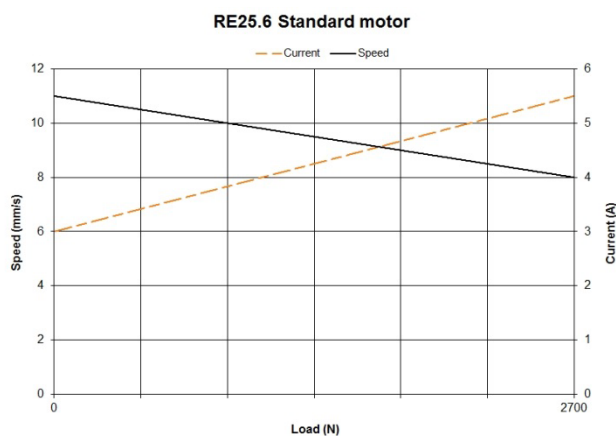
RE25.4 Standard motor



RE25.4 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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