

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

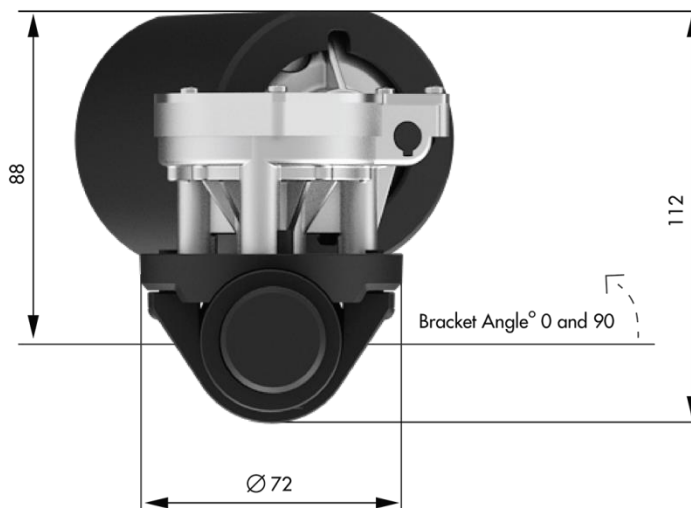
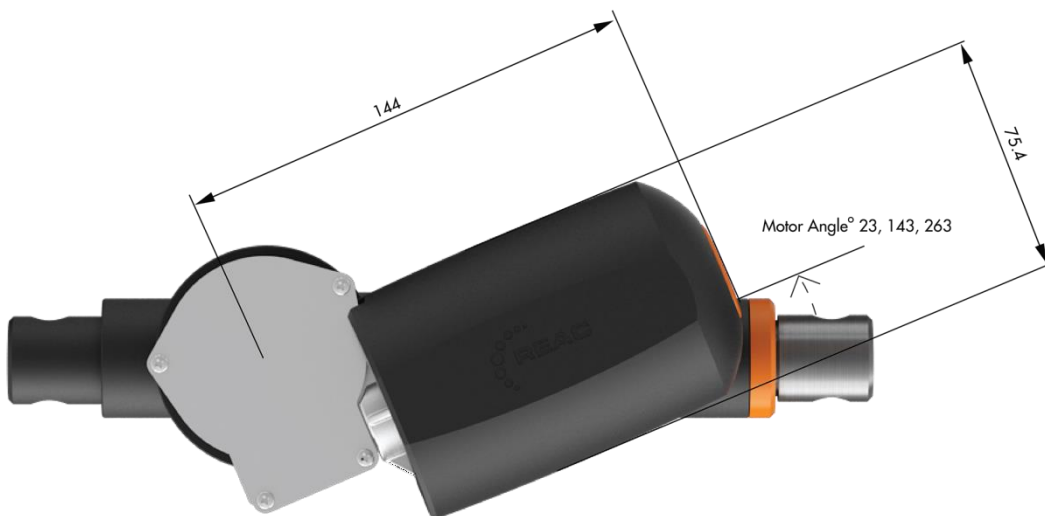
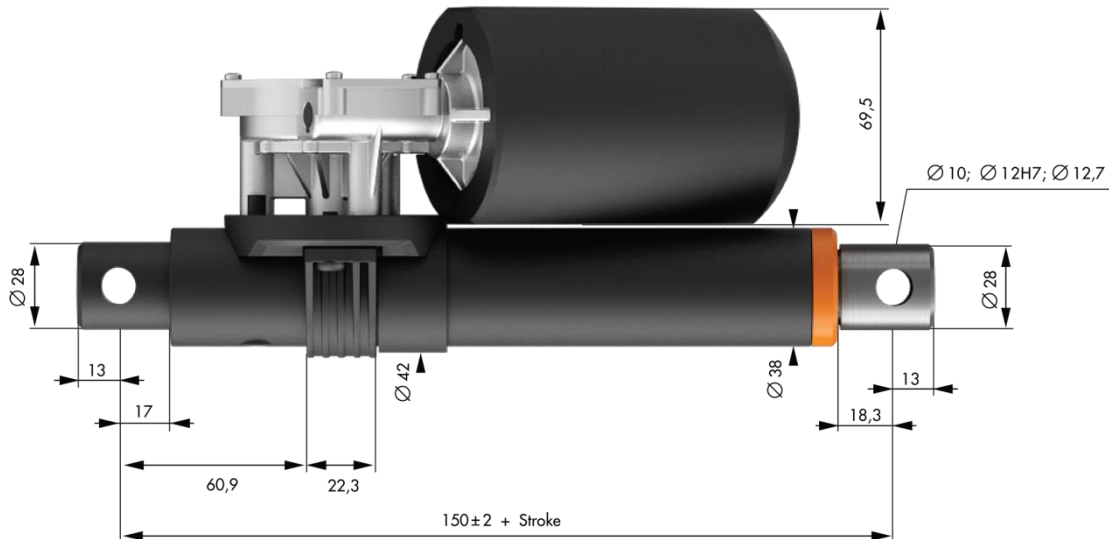
Options

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

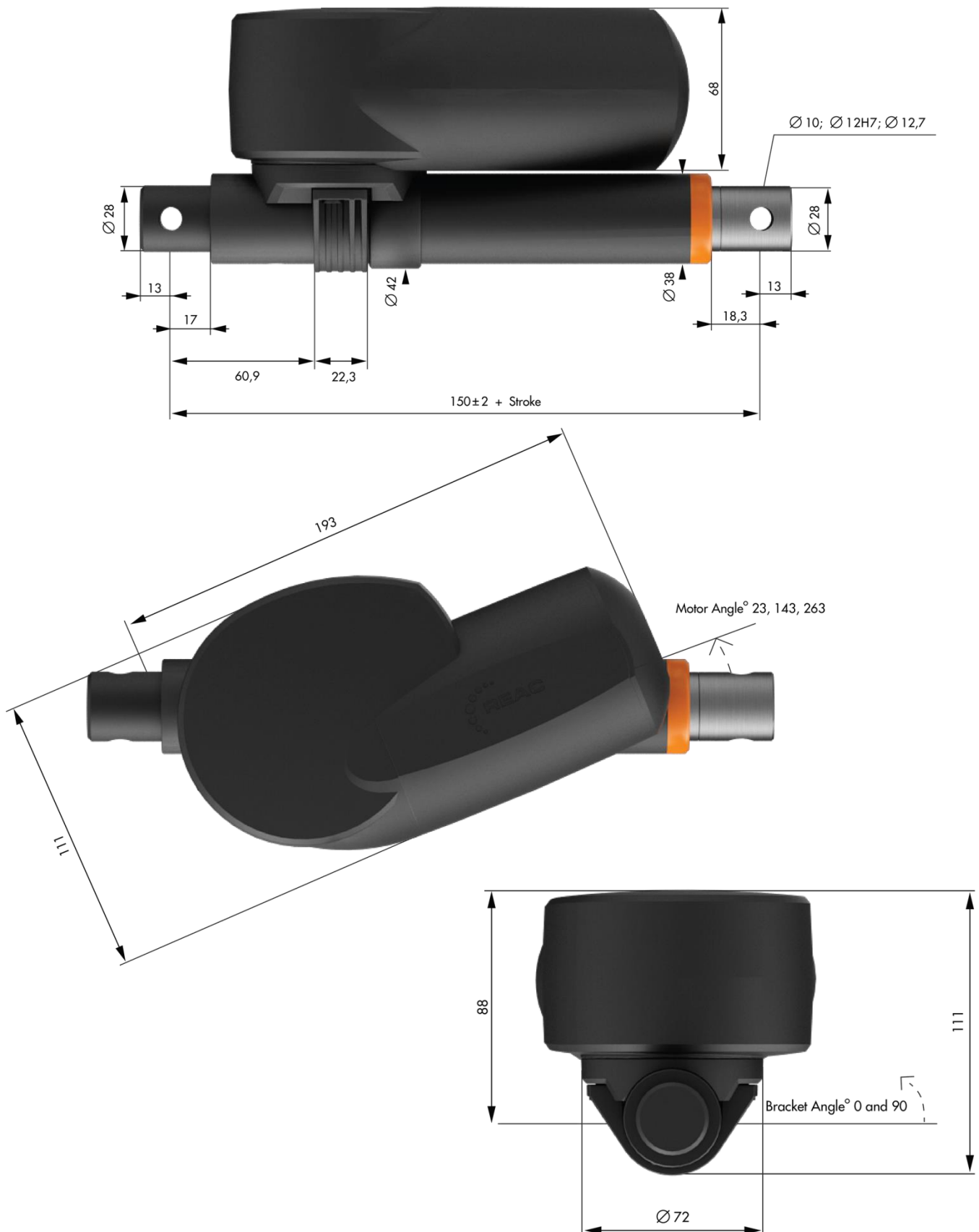
Actuator RE35

Dimensions

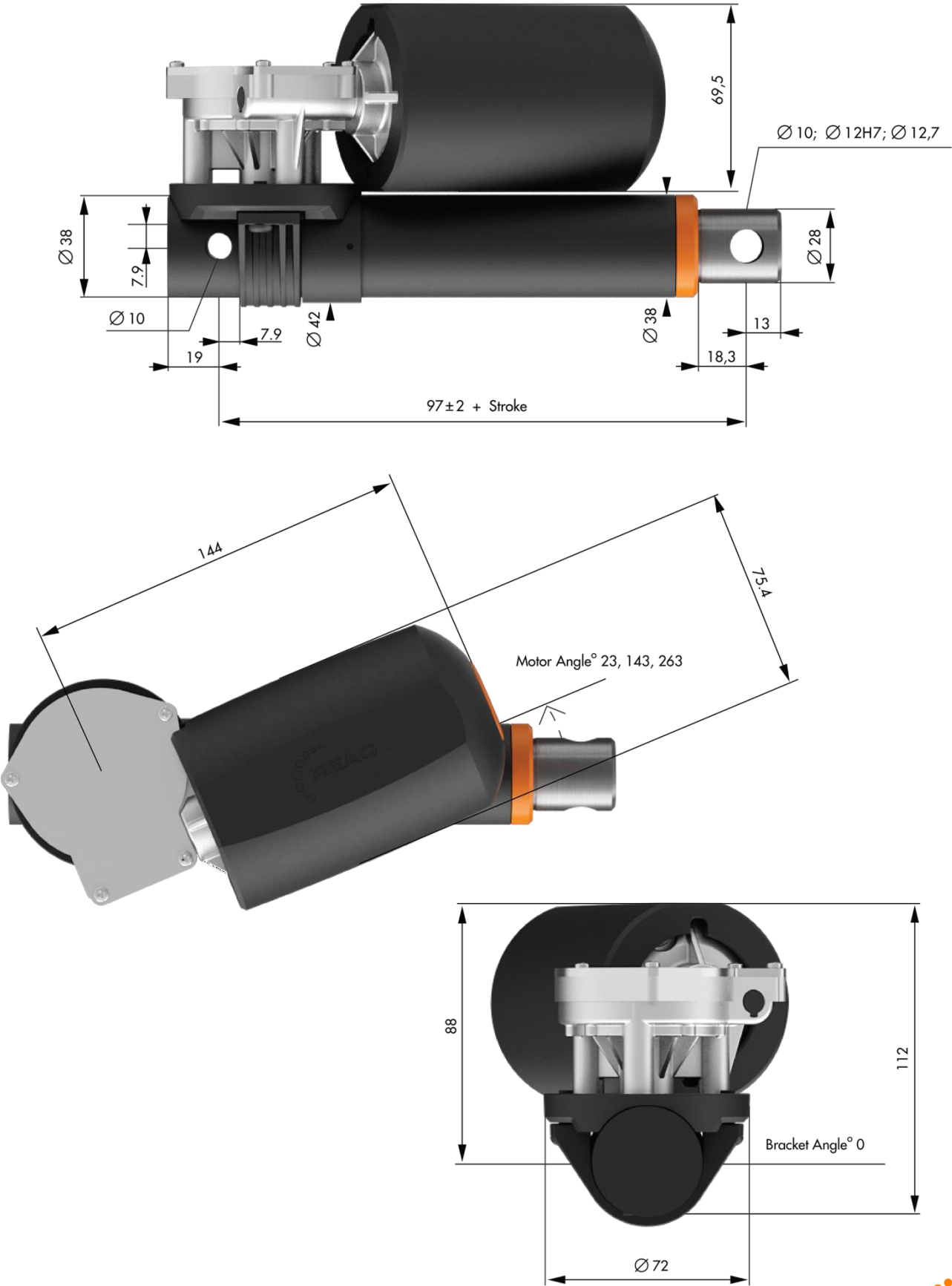
Standard configuration, Standard/Strong motor IPX1



Standard configuration, Standard/Strong motor IPX4

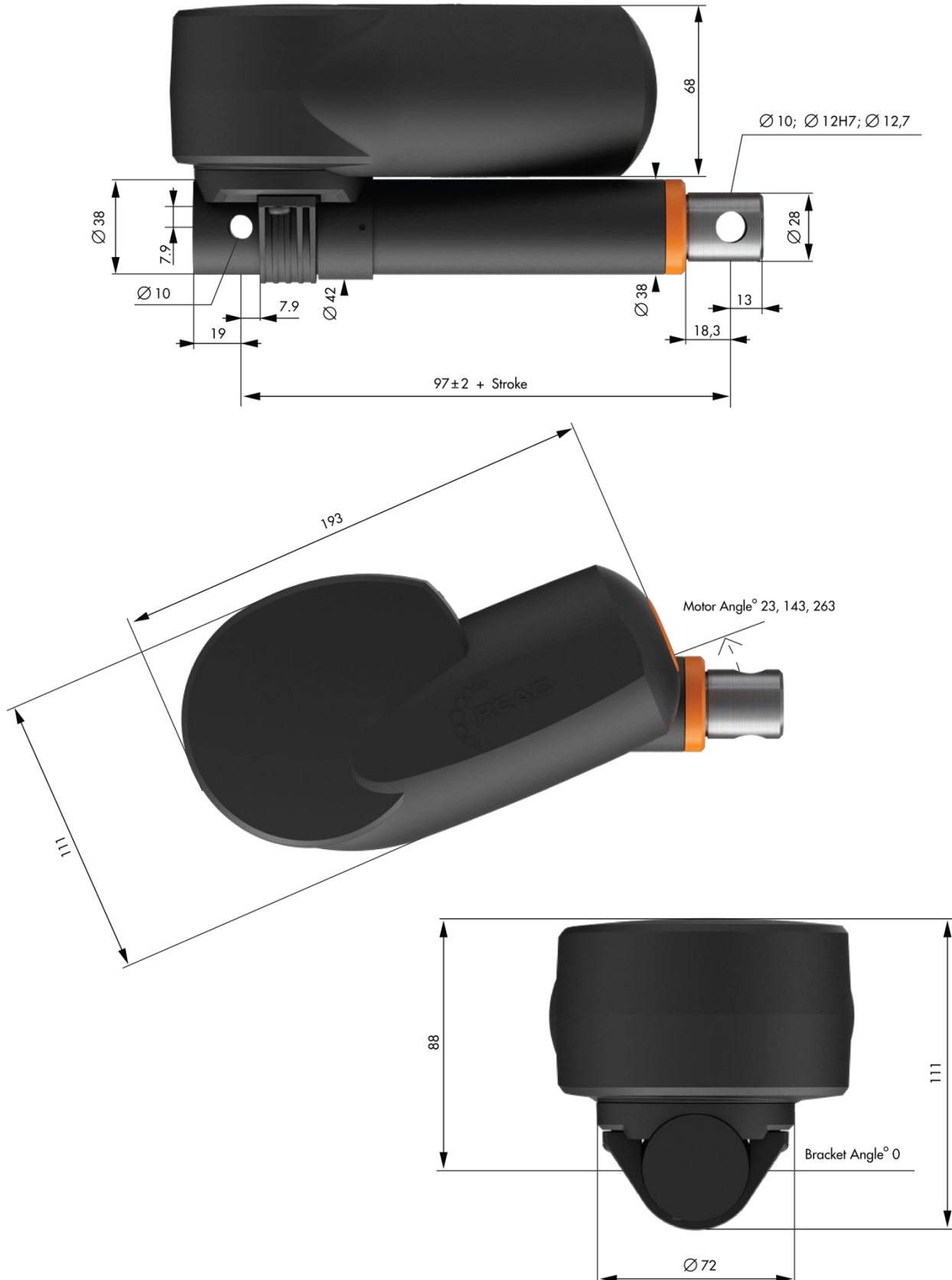


Compact configuration, Standard/Strong motor IPX1



Actuator RE35

Compact configuration, Standard/Strong motor IPX4

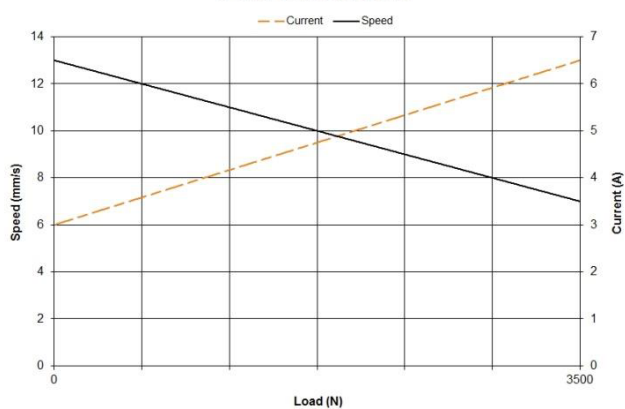


Performance

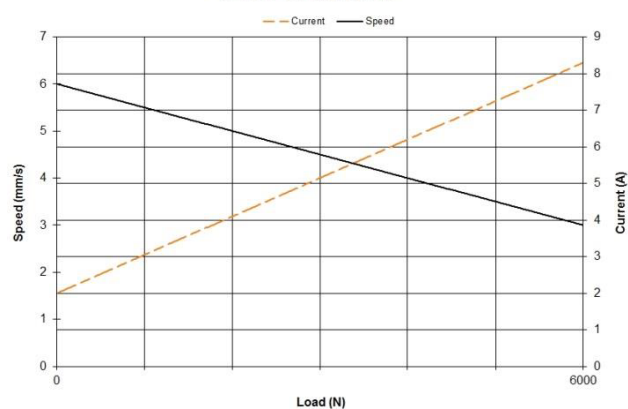
Chart showing force, speed and current for RE35

Pitch [mm]	Max push force [N]	Max pull force [N]	Max self-locking push [N]	Speed at no/max force [mm/s]	Current consumption at no/max force [A]	DC motor [type]
3	3500	N/A ¹	3500	13,0 / 7,0	3,0 / 6,5	Standard
3	6000	N/A ¹	6000	6,0 / 3,0	2,0 / 8,3	Strong
4	3000	N/A ¹	3000	17,0 / 7,5	3,5 / 13,0	Standard
4	5000	N/A ¹	5000	8,0 / 5,0	3,0 / 8,3	Strong
6	2500	N/A ¹	2500	28,0 / 17,0	3,0 / 9,0	Standard
6	4200	N/A ¹	4200	13,0 / 8,5	2,0 / 6,0	Strong
9	800	N/A ¹	800	36,0 / 32,0	3,0 / 6,0	Standard
9	2000	N/A ¹	2000	19,0 / 15,0	2,0 / 4,5	Strong

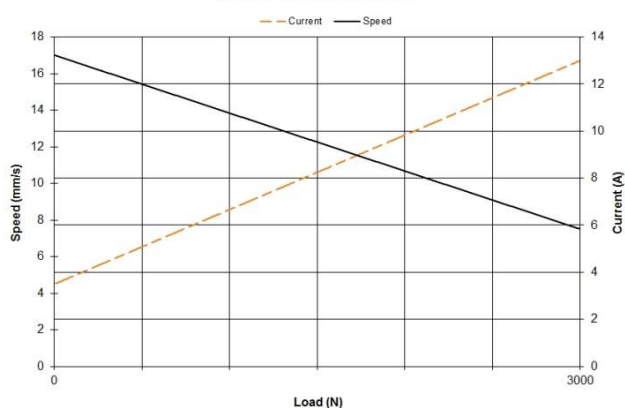
RE25.3 Standard motor



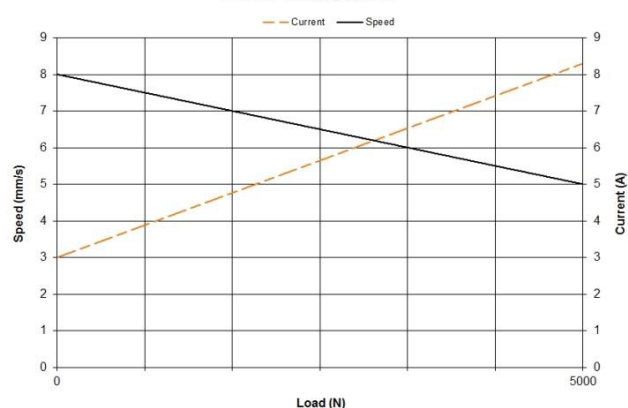
RE35.3 Strong motor



RE35.4 Standard motor



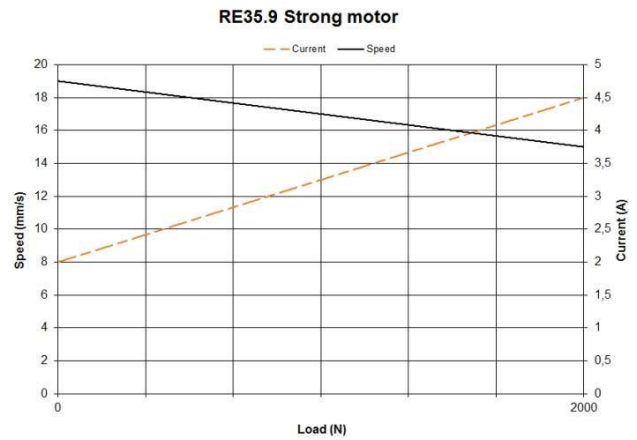
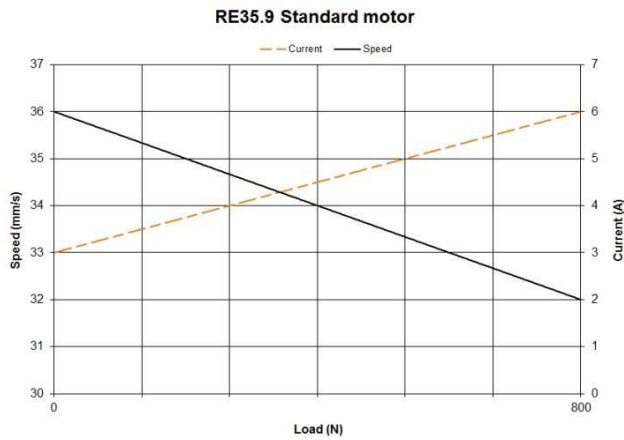
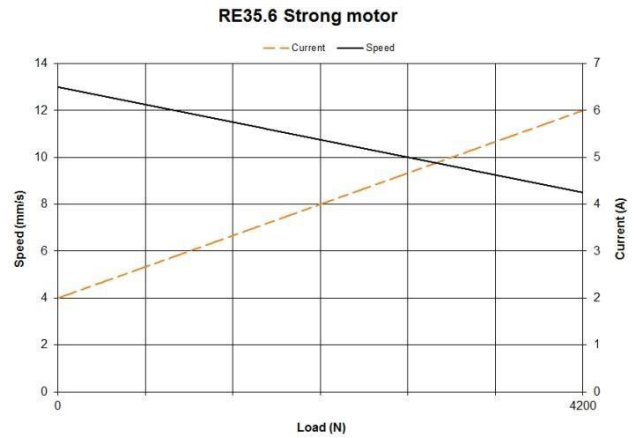
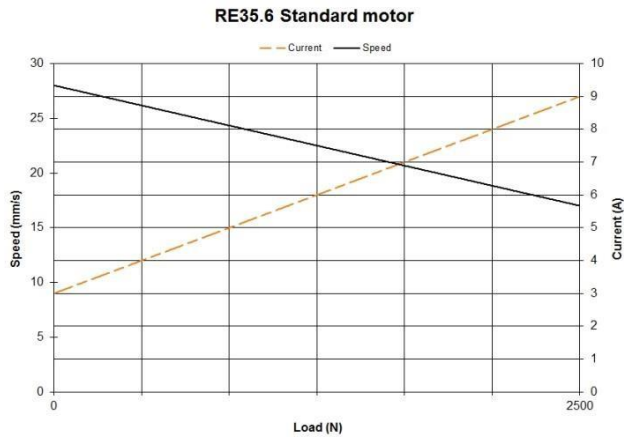
RE35.4 Strong motor



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

¹ Contact REAC for more information

Actuator RE35



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