

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 |

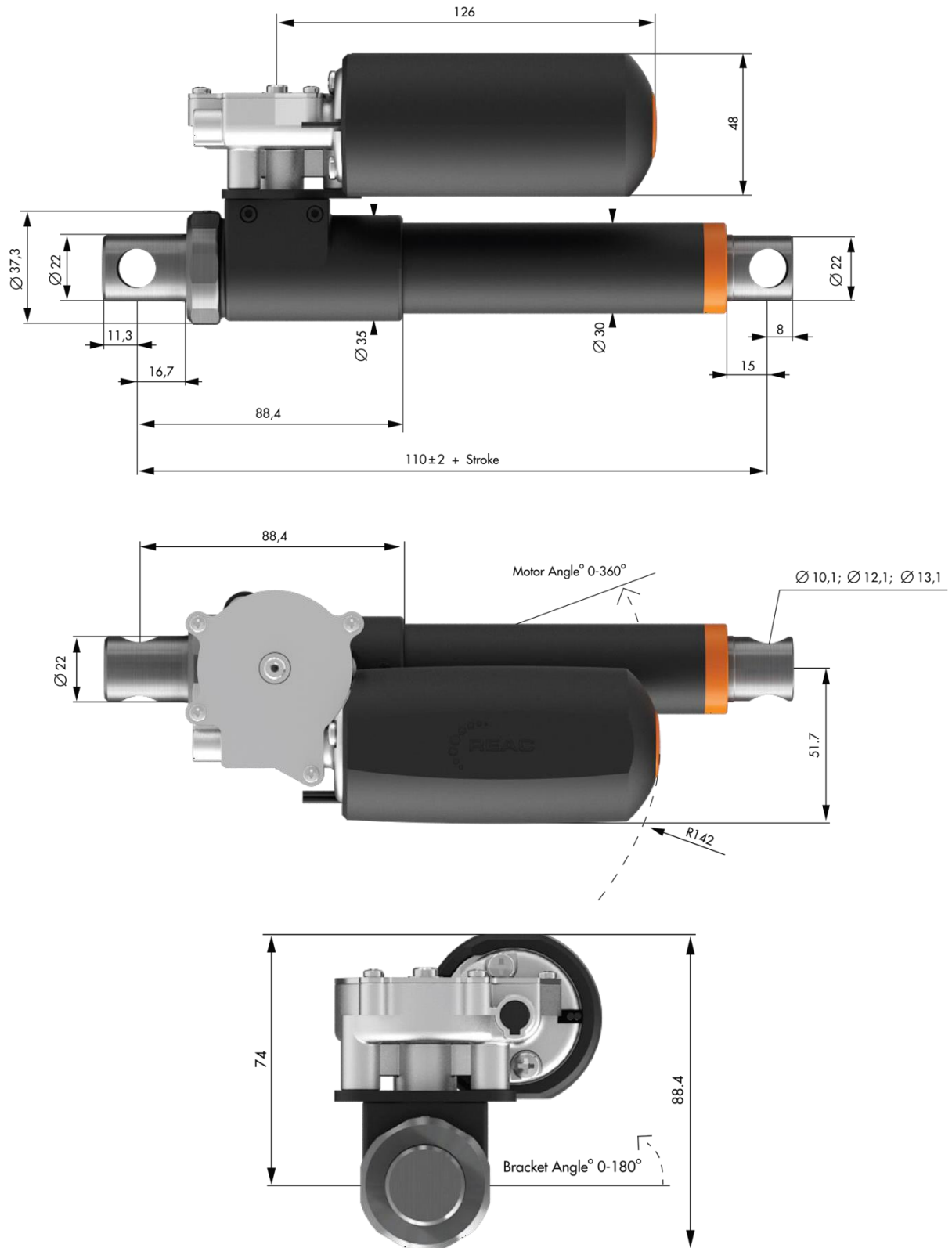
Options

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

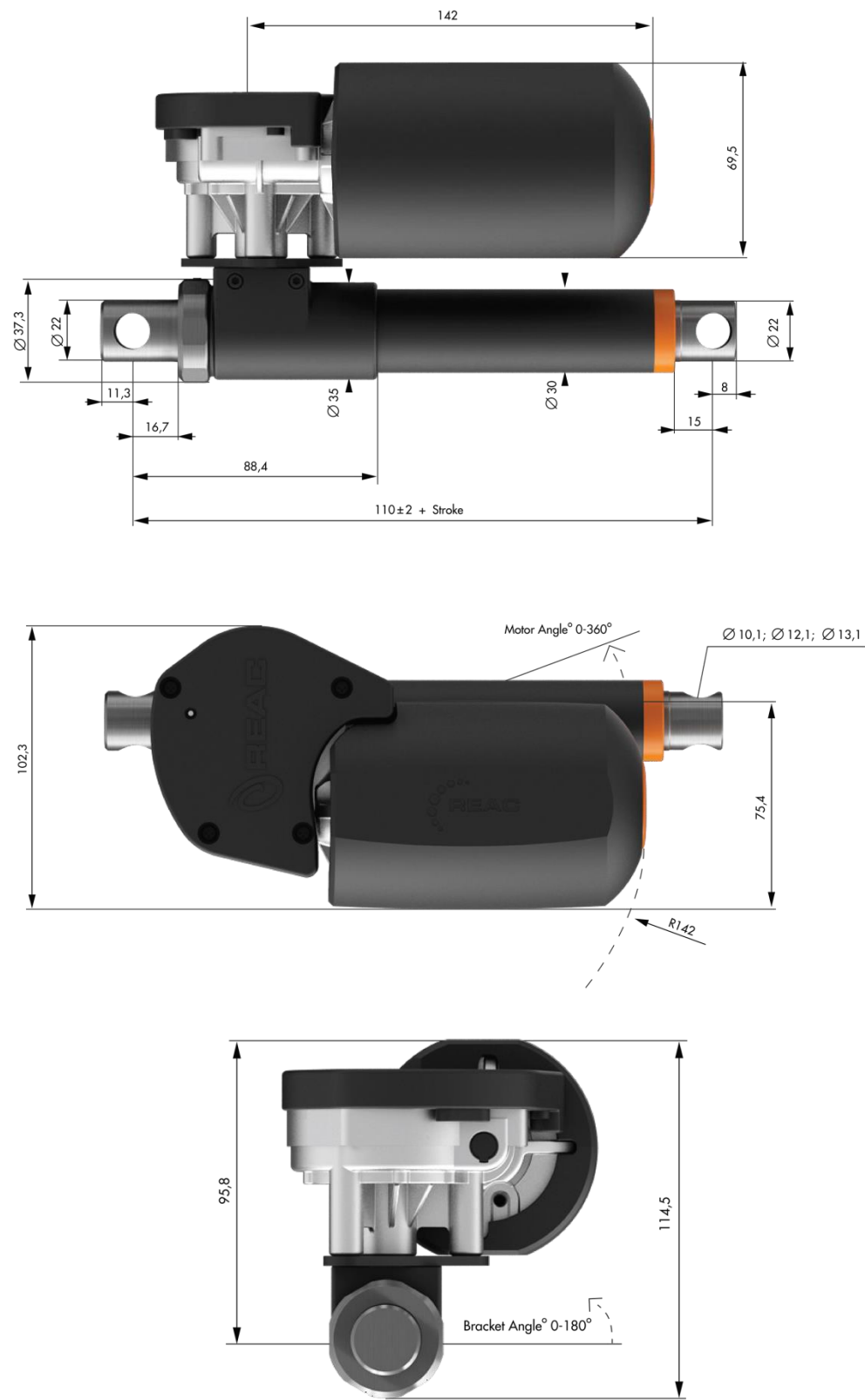
Actuator RE25

Dimensions

Standard motor IPX1

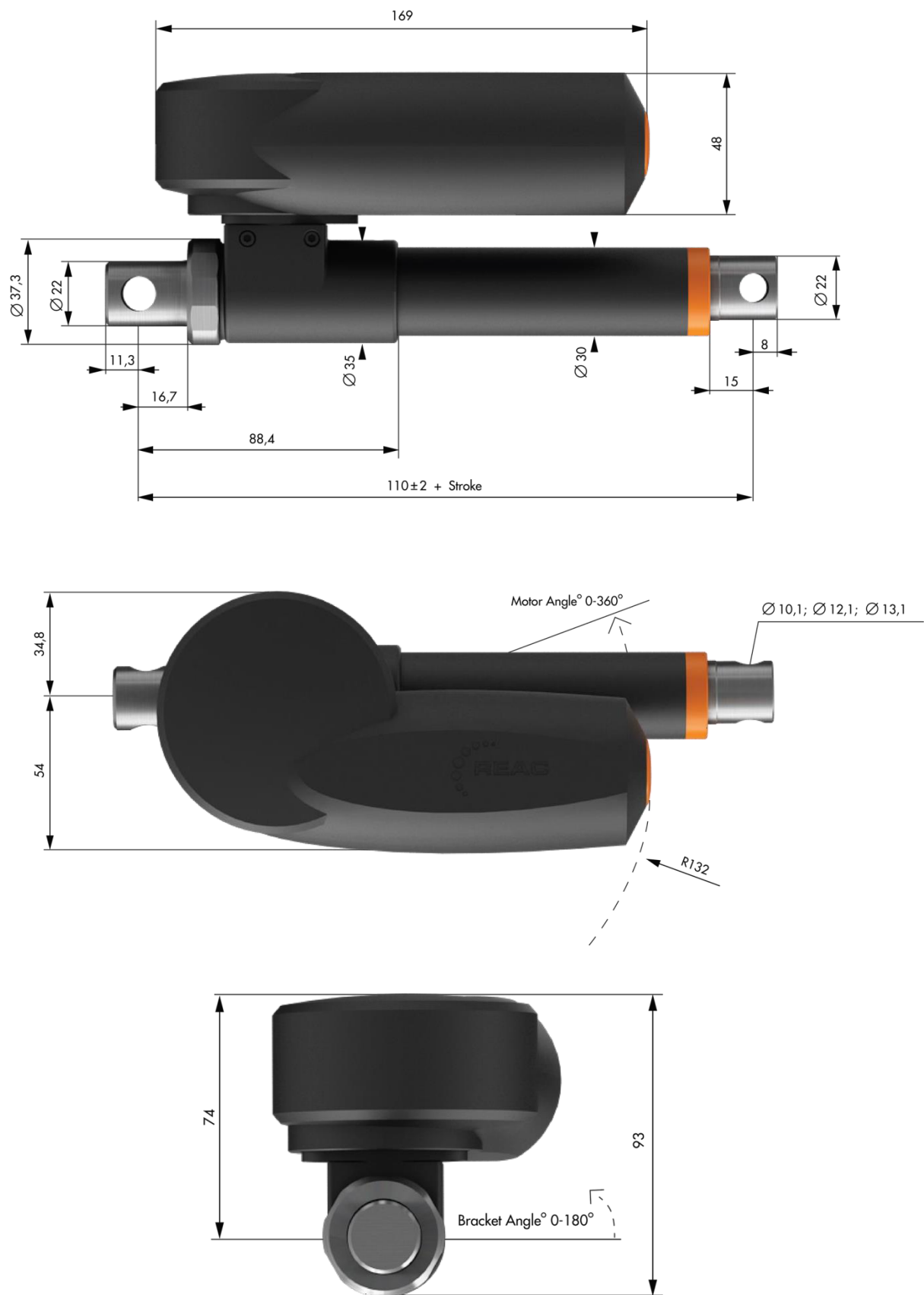


Strong motor IPX1

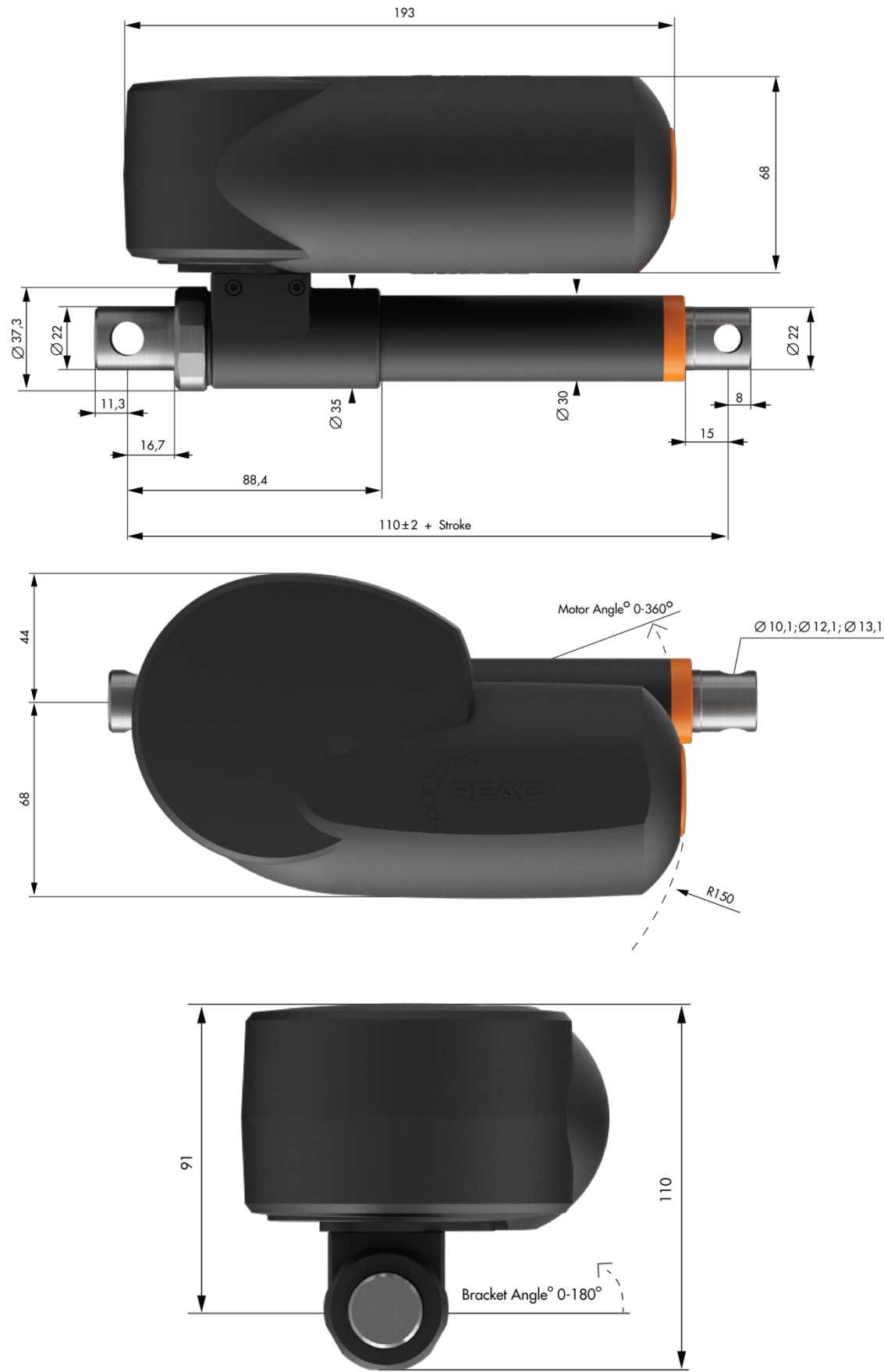


Actuator RE25

Standard motor IPX4



Strong motor IPX4



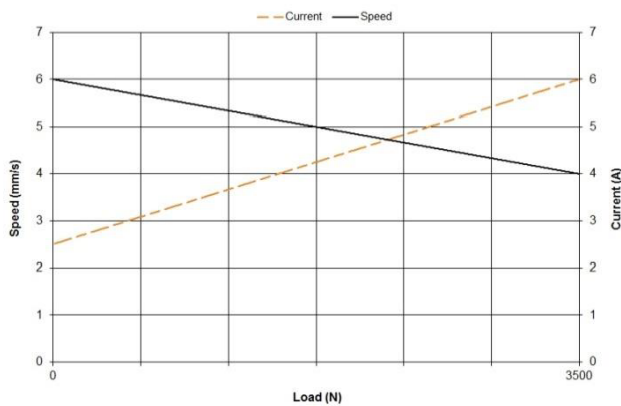
Actuator RE25

Performance

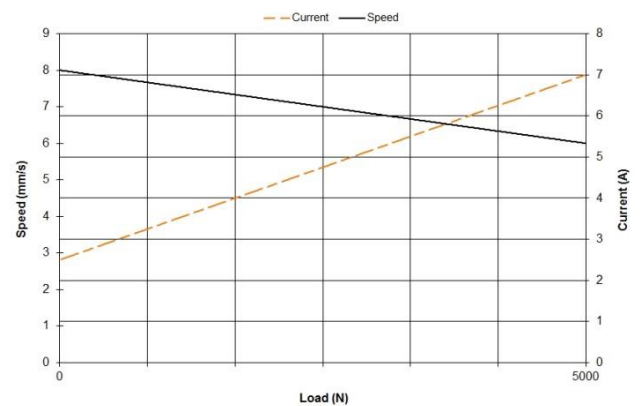
Chart showing force, speed and current for RE25

| 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 | 6,0 / 4,0 | 2,5 / 6,0 | Standard |
| 3 | 5000 | N/A ¹ | 5000 | 8,0 / 6,0 | 2,5 / 7,0 | Strong |
| 4 | 3200 | N/A ¹ | 3200 | 7,0 / 4,2 | 3,0 / 6,8 | Standard |
| 4 | 4000 | N/A ¹ | 4000 | 11,0 / 8,0 | 3,0 / 8,0 | Strong |
| 6 | 2700 | N/A ¹ | 2700 | 11,0 / 8,0 | 3,0 / 5,5 | Standard |
| 6 | 3000 | N/A ¹ | 3000 | 17,0 / 12,0 | 3,0 / 6,0 | Strong |
| 8 | 2300 | N/A ¹ | 2300 | 13,0 / 8,5 | 4,0 / 6,0 | Standard |

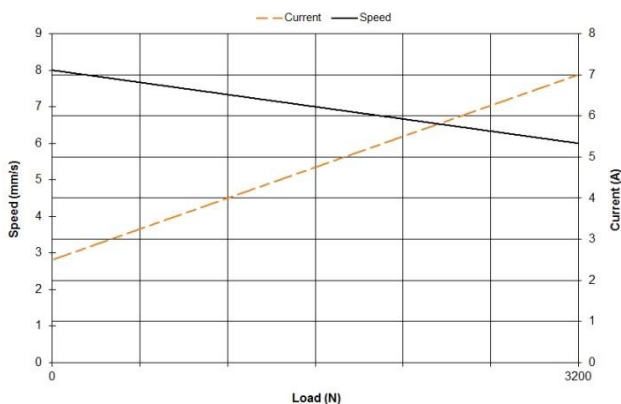
RE25.3 Standard motor



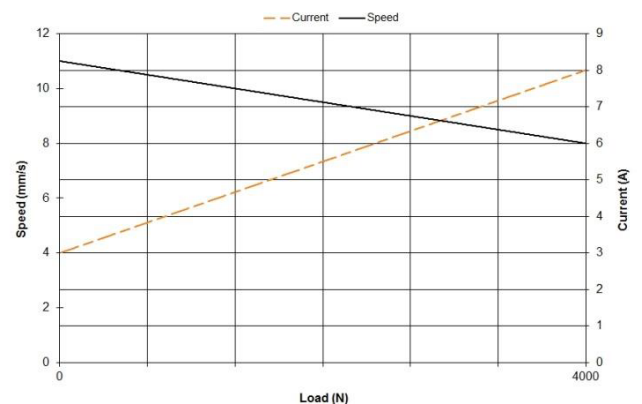
RE25.3 Strong motor



RE25.4 Standard motor

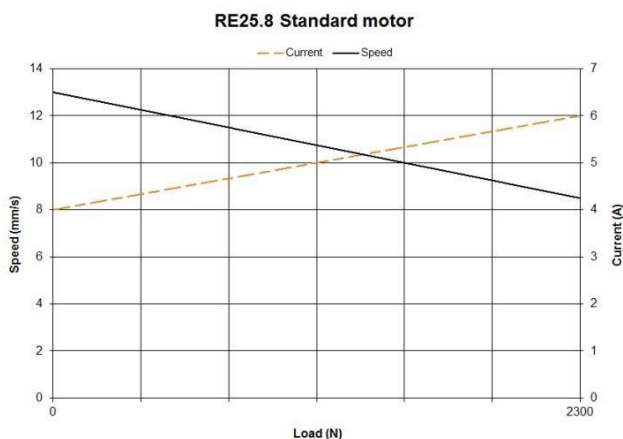
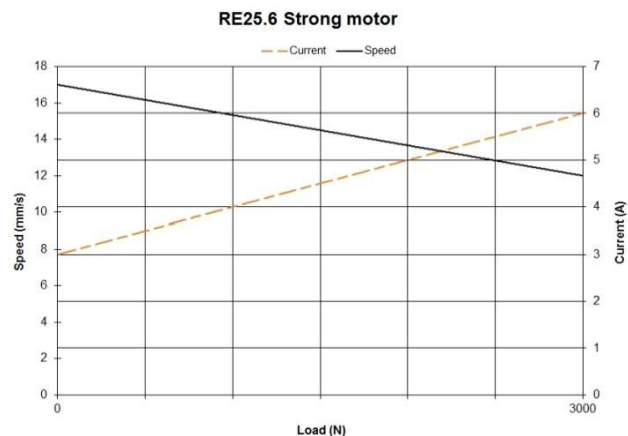
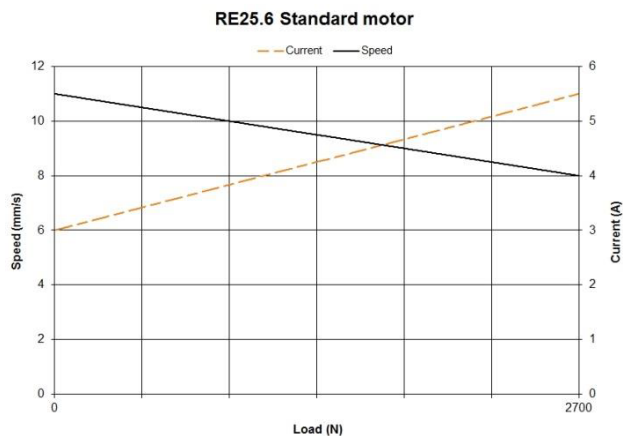


RE25.4 Strong motor



¹ Contact REAC for more information

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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