

Actuator **RE3006**



RE3006 is powerful and quiet, yet a light weight actuator. Designed for rehabilitation applications.

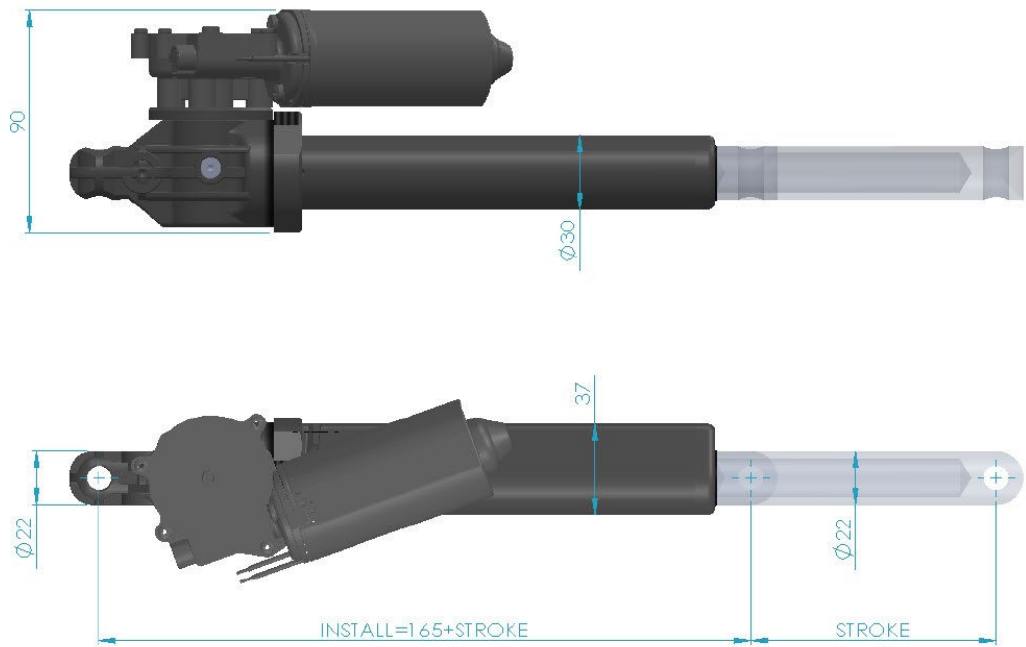
Standard features

Max push force	6000N
Max pull force	2000N
Max speed (full load)	3,0mm/s
Max speed (no load)	5,0mm/s
Min built in length	165mm+stroke
Stroke lengths (mm)	50, 100, 150, 200, 250mm
IP-class	IPX1
Current consumption (full load)	5.5A
Current consumption (no load)	0.8A
Mounting brackets	cyl 10,2/12,0mm
Feedback & switches	Mechanical limit switches
Motor	24VDC angle 14°, 16°, 20°
Operating temperature	+5° to 40° C
Storage temperature	-40° to +60° C
Housing	Plastic
Piston	Stainless steel
Color	black
Duty cycle	10% max 2 min at continuous use followed by an 18 min rest

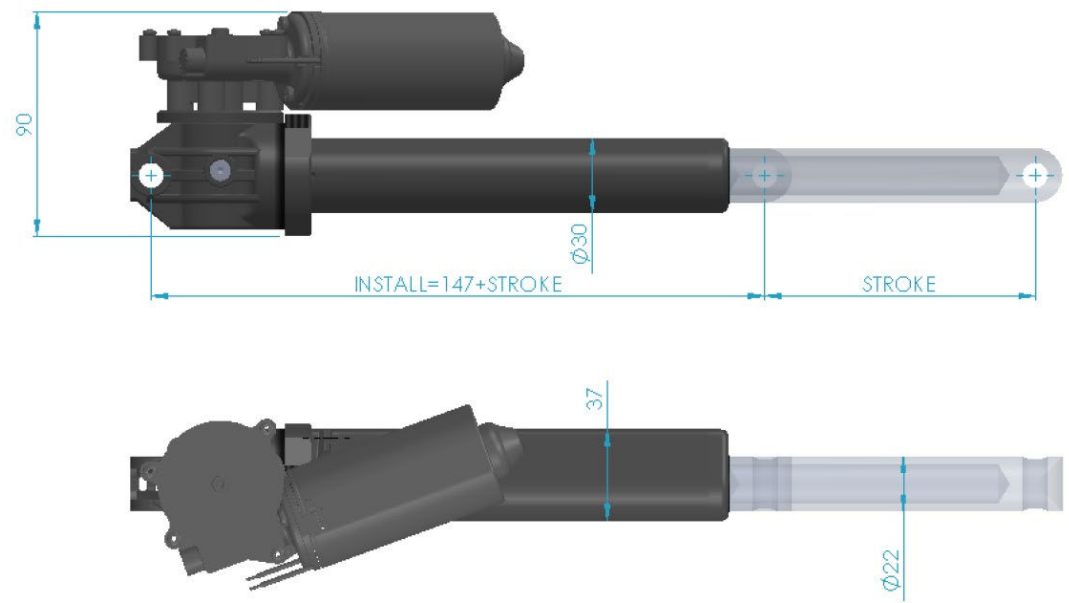
Options

Stroke lengths (mm)	customizable
Connection & Cables	customizable
Color	customizable
Feedback & switches	Linear potentiometer

Dimensions

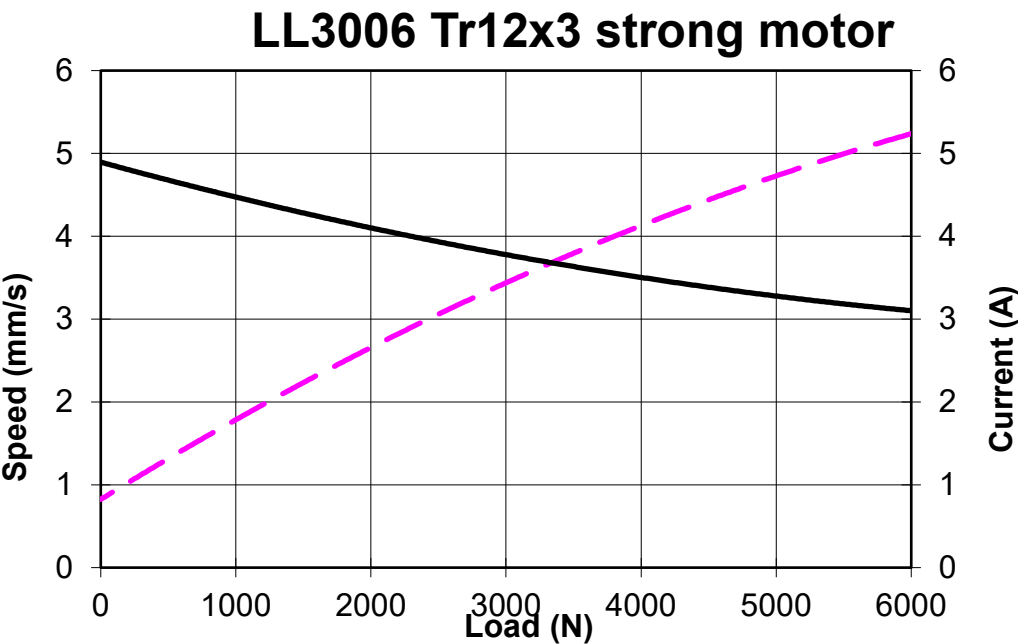


ROTATED



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]
RE3006	6000	5.0	0.8	165	2000	3.0	5.5	50-250	IPX1	3



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

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