

Actuator RE1004



RE1004 is a powerful inline actuator. It is equipped with limit switches in standard. The RE1004 is perfect for powered leg-rests.

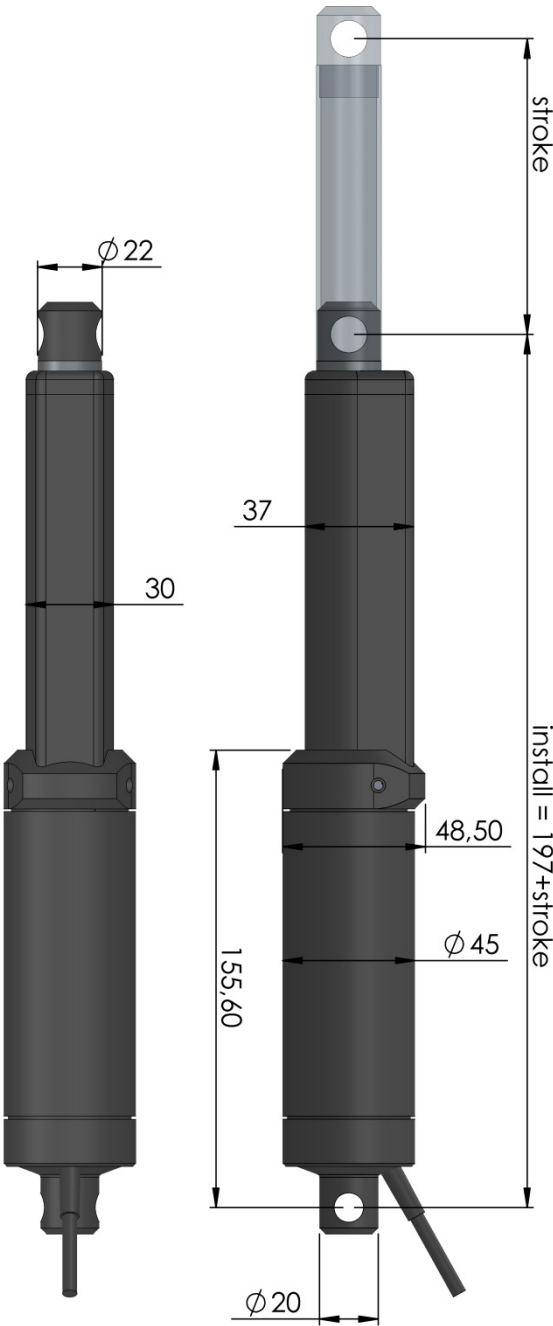
Standard features

Max push force	600N – 1500N
Max pull force	600N – 1500N
Max speed (full load)	3,0 – 8,3 mm/s
Max speed (no load)	5,0 – 14,0 mm/s
Min built in length	197mm + stroke
Stroke lengths (mm)	50, 100, 150
IP-class	IPX1
Current consumption (full load)	0,9A – 2,5A
Current consumption (no load)	0,12A – 0,3A
Feedback & switches	Mechanical limit switch
Motor	24VDC strong, 24VDC fast, 12VDC
Mounting brackets	cyl 10/12mm, fork 10mm
Connection	Cable 0,5m 2x0,5mm ² (stripped ends)
Operating temperature	+5° to +40°C
Storage temperature	-40° to +70°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
Protection class	IPX0 with potentiometer
Mounting brackets	Customizable
Connection & Cables	Customizable
Color	Customizable
Feedback & switches	Hall sensor feedback Linear potentiometer

Dimensions

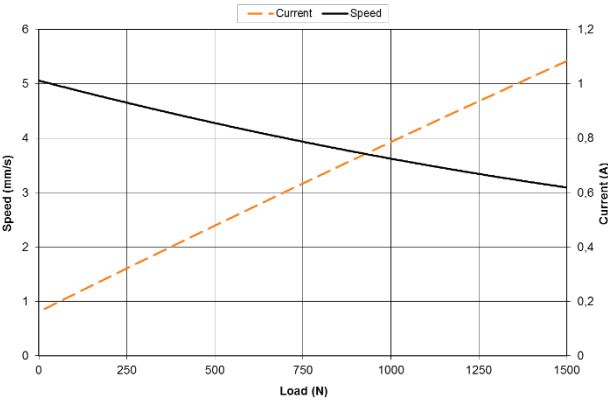


Performance, pitch 2mm

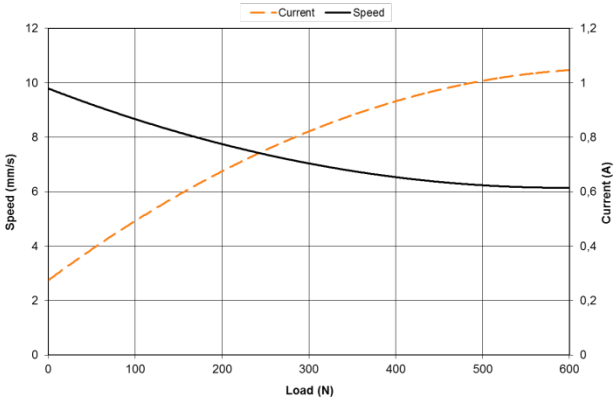
Chart showing force, speed and current for RE1004 with 2 mm pitch.

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]
RE1004 12V - 2	600	10	0.3	197 (+21mm with feedback)	600	5.9	2.1	50-150	IPX1	2
RE1004 12V - 2.5	600	11	0.3	197 (+21mm with feedback)	600	6.3	2.2	50-150	IPX1	2.5
RE1004 12V - 3	600	14	0.3	197 (+21mm with feedback)	600	6.0	2.5	50-150	IPX1	3
RE1004 FAST - 2	600	10	0.2	197 (+21mm with feedback)	600	6.0	1.1	50-150	IPX1	2
RE1004 FAST - 2.5	600	12.5	0.2	197 (+21mm with feedback)	600	7.5	1.0	50-150	IPX1	2.5
RE1004 FAST - 3	600	14	0.2	197 (+21mm with feedback)	600	8.3	1.2	50-150	IPX1	3
RE1004 STRONG - 2	1500	5	0.15	197 (+21mm with feedback)	1500	3.0	1.1	50-150	IPX1	2
RE1004 STRONG - 2.5	1500	5.5	0.12	197 (+21mm with feedback)	1500	3.0	1.1	50-150	IPX1	2.5
RE1004 STRONG - 3	1000	6.5	0.15	197 (+21mm with feedback)	1000	4.6	0.9	50-150	IPX1	3

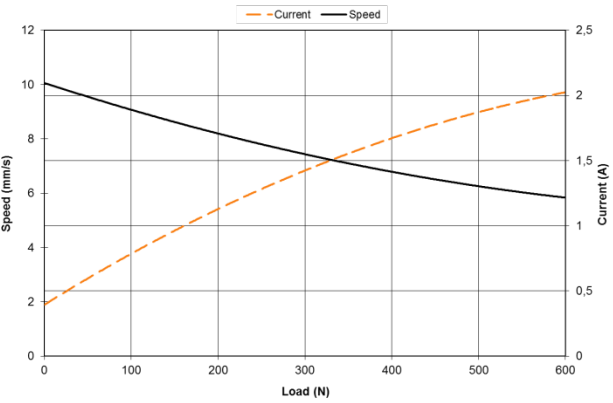
RE1004 Tr10x2 Strong motor



RE1004 Tr10x2 Fast motor



RE1004 Tr10x2 12V

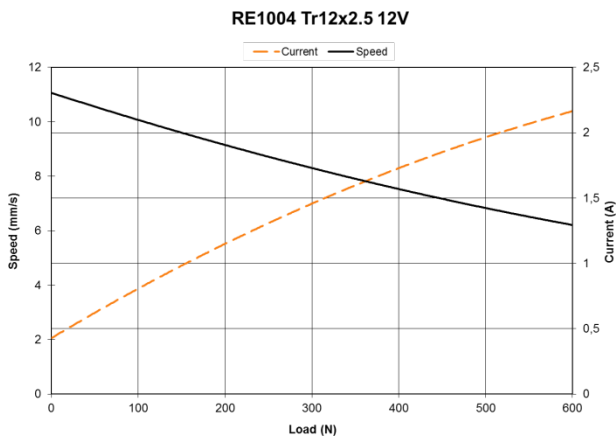
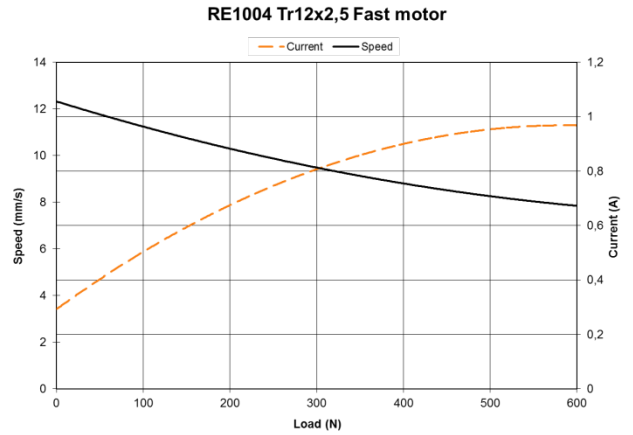
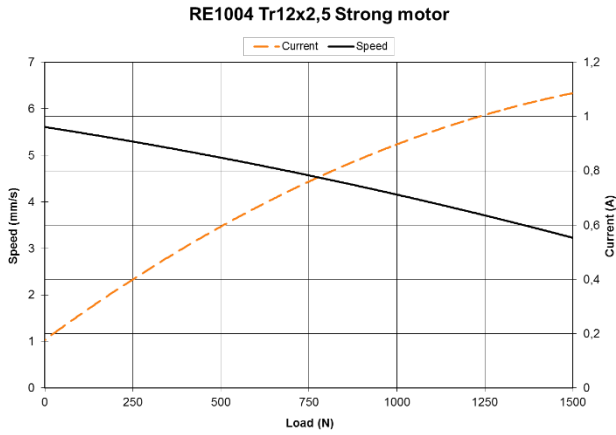


Charts show average figures for 24V actuator using stabilized power supply. All figures with ambient temperature of 20°C. Accuracy: ±5

Actuator RE1004

Performance, pitch 2,5mm

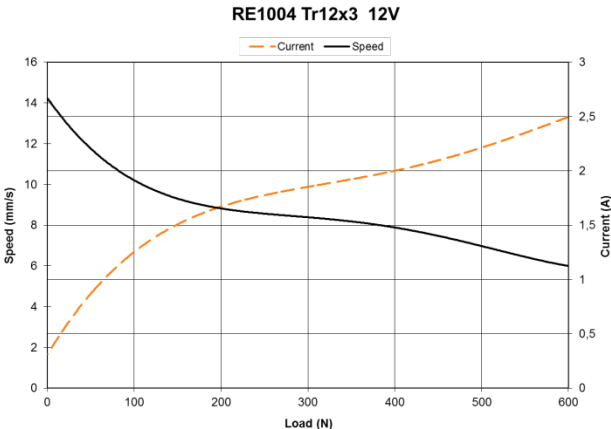
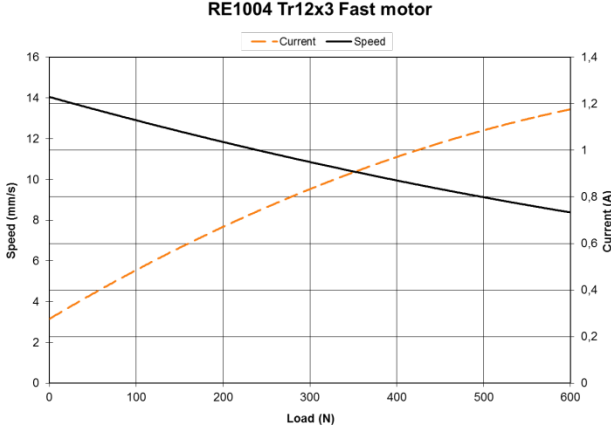
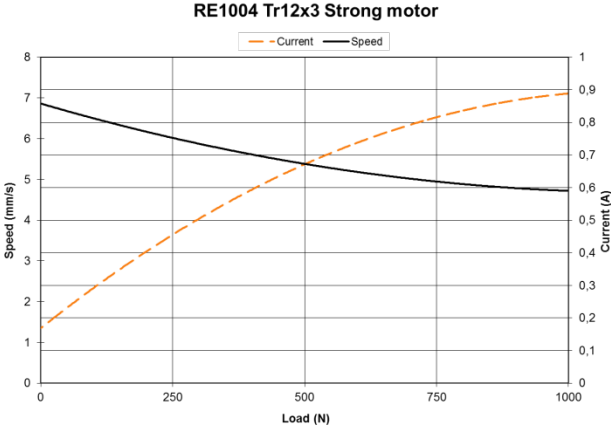
Chart showing force, speed and current for RE1004 with 2.5 mm pitch.



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

Performance, pitch 3mm

Chart showing force, speed and current for RE1004 with 3 mm pitch.



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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