

Linear Actuators

HIWIN linear actuators LAS

4. HIWIN linear actuators LAS

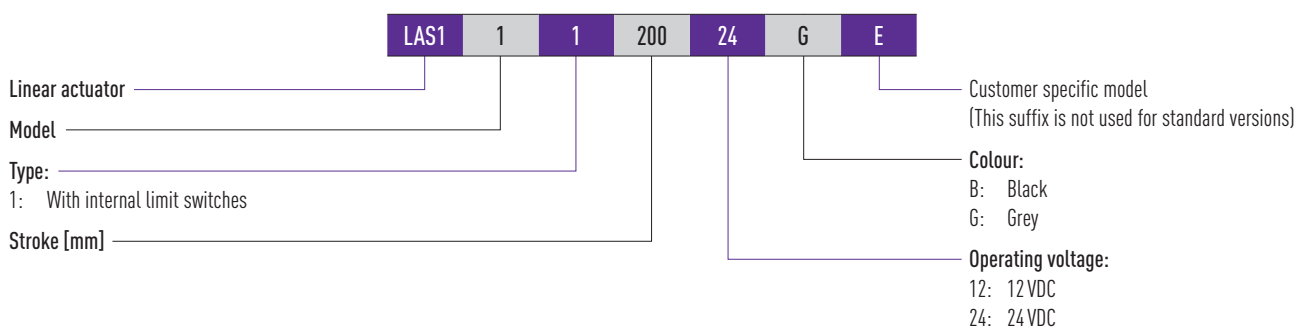
4.1 LAS1

Product specifications:

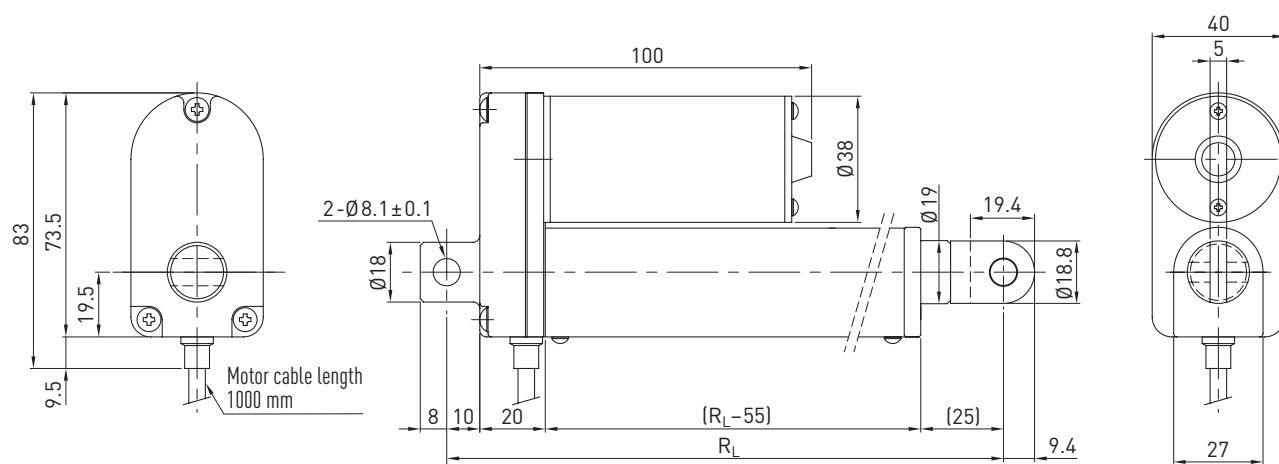
- Screw type: ACME
- Weight (at a stroke of 200 mm): 1.04 kg
- Protection class: IP 54
- Operating temperature: +5 °C to +40 °C



4.1.2 Order code



4.1.1 Dimensions



$$R_L = S + 119$$

R_L: Zero stroke length [mm]

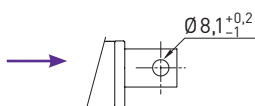
S: Stroke [mm]

Note:

If the mounting lugs do not lie precisely flush, the piston rod may twist as far as 180° anticlockwise.

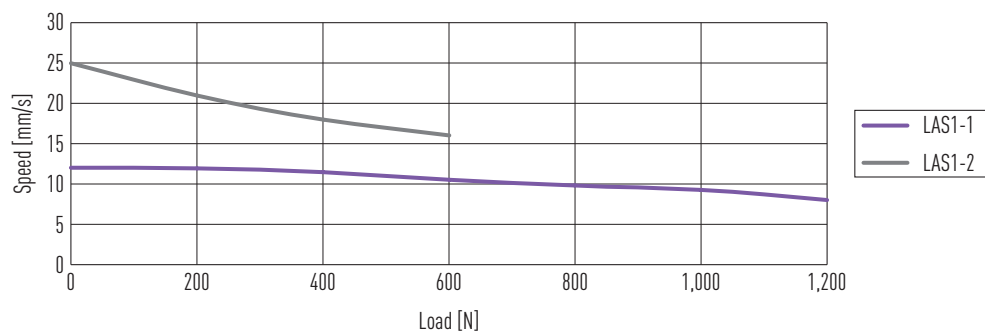
4.1.3 Options for LAS1

- IP 65
- Mounting points turned through 90°
- Piston rod with flat connector: $R_L = S + 110$
- 36 VDC motor
- External limit switches

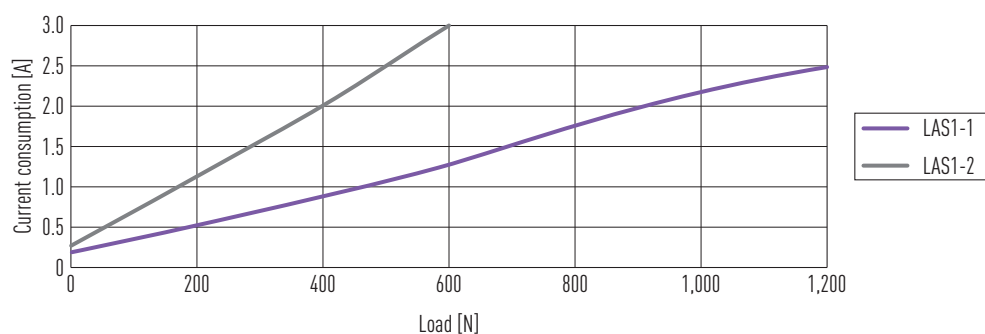


4.1.4 Product characteristic curves and technical data

24/12 VDC motor



24 VDC motor



12 VDC motor

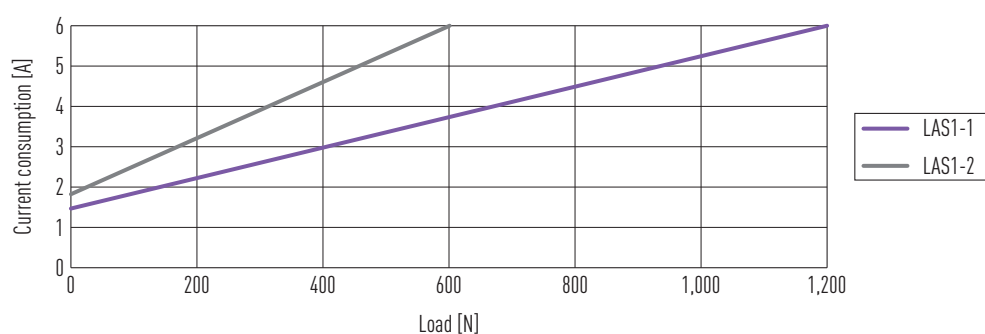


Table 4.1 Technical data LAS1

Model	Max. thrust [N]	Max. pull [N]	Max. holding force [N]	Speed load=max/load=0 [mm/s]	Standard stroke S [mm]					Duty cycle [%]	Max. current [A]	
											12 VDC	24 VDC
LAS1-1	1,200	1,200	800	8/12	50	100	150	200	250	10	6	2.5
LAS1-2	600	600	300	16/25	50	100	150	200	250	10	6	3