

Linear Actuators

HIWIN linear actuators LAS

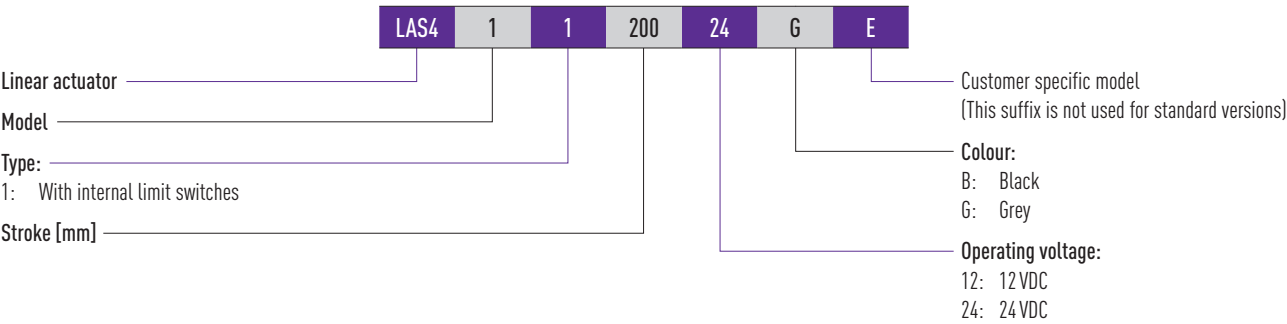
4.4 LAS4

Product specifications:

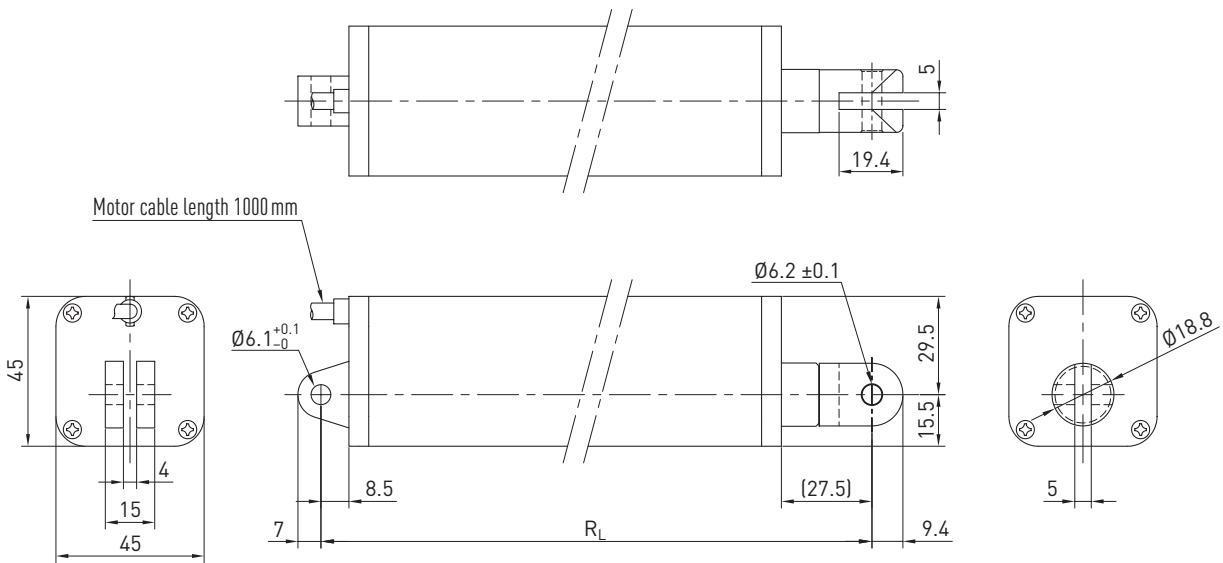
- Screw type: ACME
- Weight (at a stroke of 200 mm): 1.36 kg
- Protection class: IP 54
- Operating temperature: + 5 °C to + 40 °C



4.4.1 Order code



4.4.2 Dimensions



$R_L = S + 222.5$
 R_L : Zero stroke length
S: Stroke

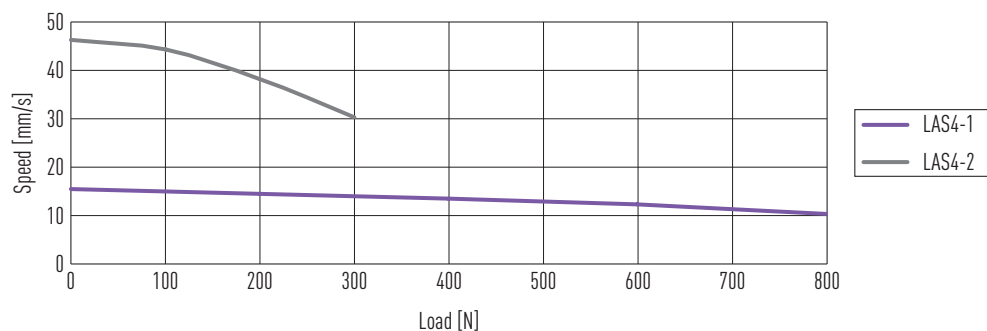
Table 4.6 Encoder specifications (Hall sensor)			
Output	Supply voltage		
	24 VDC	12 VDC	5 VDC
	High level 24 VDC	High level 12 VDC	TTL
	Low level 0.2 V/10 mA	Low level 0.2 V/10 mA	—
	NPN	NPN	—

4.4.3 Options for LAS4

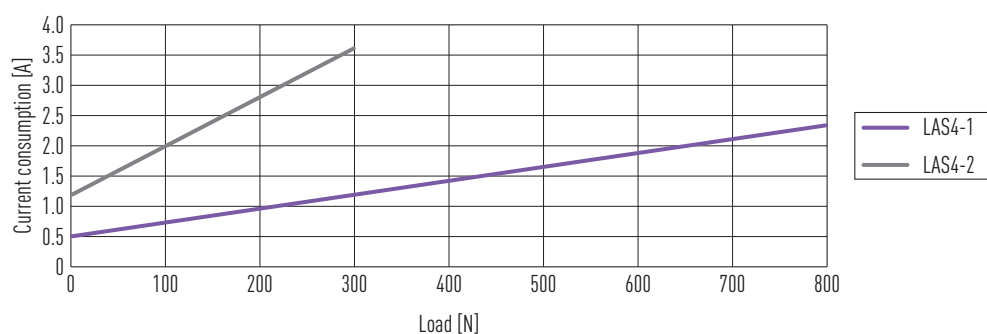
- IP 65
 - Hall sensor
- $R_L = S + 226$

4.4.4 Product characteristic curves and technical data

24/12 VDC motor



24 VDC motor



12 VDC motor

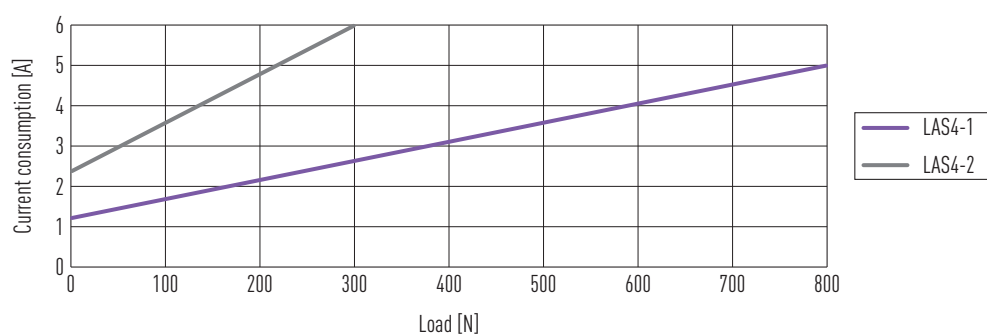


Table 4.7 Technical data LAS4

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]		Hall sensor resolution [mm/pulse]
											12 VDC	24 VDC	
LAS4-1	800	800	600	10/15	100	150	200	250	300	10	5	2.3	0.0085
LAS4-2	300	300	200	30/46	100	150	200	250	300	10	6	3.6	0.02