

Linear actuator

CAR 22

Benefits

- Industrial reliable and robust actuator
- Right- and left-hand version



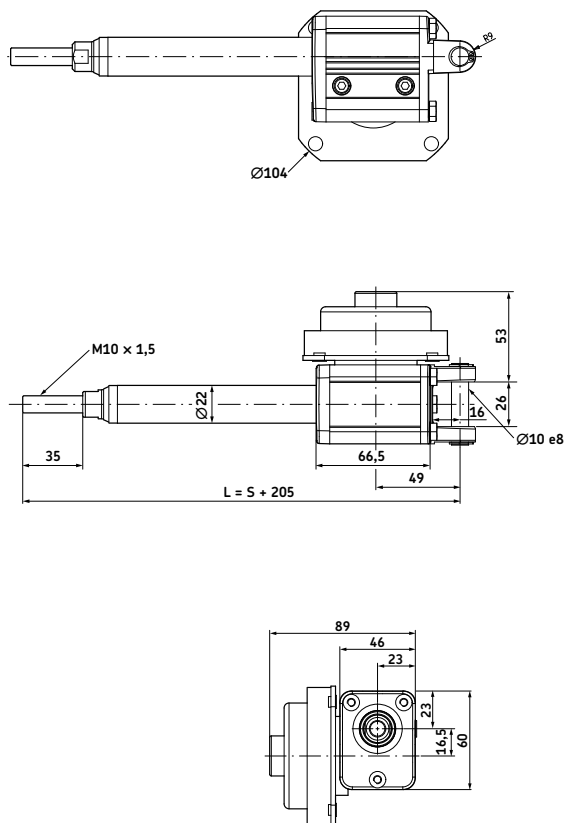
Suitable control units and accessories

	Control unit	Limit switch
	CAED 5-24R	CAXB 22*
	D12B	●
	D24B	●
	CAES 31C	●

Hand switch
 Foot switch
 Desk switch

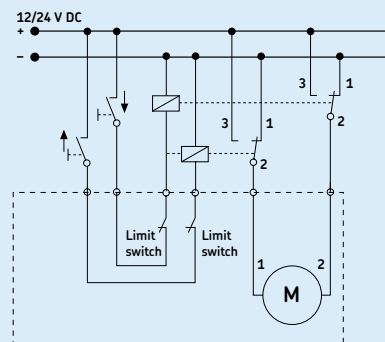
* See page 379

Dimensional drawing



Legend:
 S = stroke
 L = retracted length

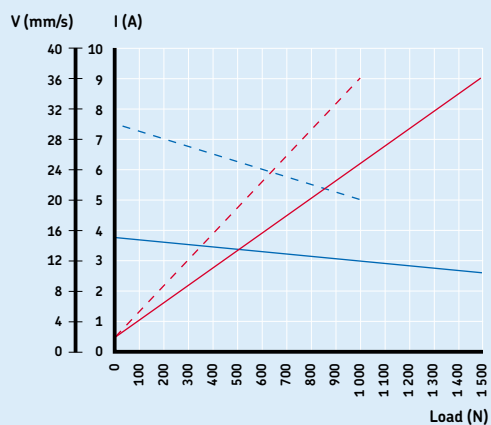
Connecting diagram



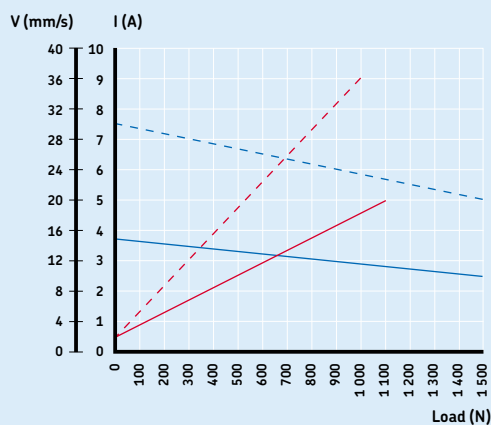
Technical data

	Unit	CAR 22
Rated push load	N	1 000 to 1 500
Rated pull load	N	1 000 to 1 500
Speed (full load to no load)	mm/s	10 to 30
Stroke	mm	50 to 300
Retracted length	mm	S+ 205
Voltage	V DC	12 or 24
Power consumption	W	N/A
Current consumption	12 V DC 24 V DC	A A
		9 5
Duty cycle	%	25
Ambient temperature	°C	-20 to +70
Type of protection	IP	44
Weight	kg	1,2 to 1,6

Performance diagrams



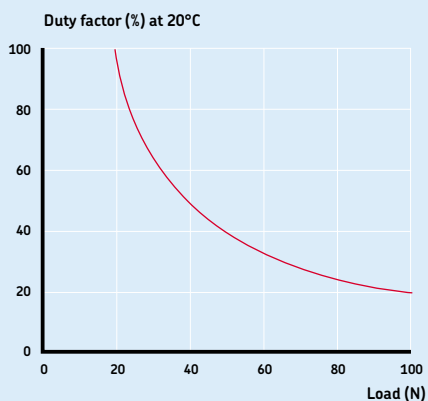
CAR 22.../D12B

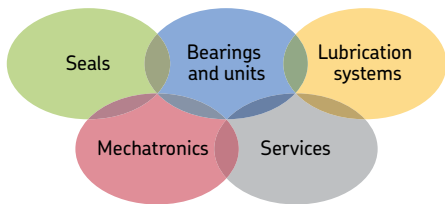


CAR 22.../D24B

Gear 1 — V (mm/s)
 — I (A)
 Gear 2 - - - V (mm/s)
 - - - I (A)

Duty cycle



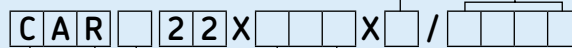


The Power of Knowledge Engineering

Drawing on five areas of competence and application-specific expertise amassed over more than 100 years, SKF brings innovative solutions to OEMs and production facilities in every major industry worldwide. These five competence areas include bearings and units, seals, lubrication systems, mechatronics (combining mechanics and electronics into intelligent systems), and a wide range of services, from 3-D computer modelling to advanced condition monitoring and reliability and asset management systems. A global presence provides SKF customers uniform quality standards and worldwide product availability.

Ordering key

Dynamic load (N) / Speed (mm/s)		Motor options	
1 500/xx	1 000/xx	No motor	0000
1 500/15-10	1 000/30-20	12 V DC, flat motor, IP44	D12B
1 500/15-10	1 000/30-20	24 V DC, flat motor, IP44	D24B
1	2		



Type

Motor assembly:

Right
 Left

Stroke (S):

50 mm
 100 mm
 150 mm
 200 mm
 300 mm

Other stroke lengths

050
 100
 150
 200
 300

Options shown in italics are only available on demand. Contact SKF for more information on minimum quantities and additional costs.

© SKF is a registered trademark of the SKF Group

© SKF Group 2010

The contents of this publication are the copyright of the publisher and may not be reproduced (even extracts) unless prior written permission is granted. Every care has been taken to ensure the accuracy of the information contained in this publication but no liability can be accepted for any loss or damage whether direct, indirect or consequential arising out of the use of the information contained herein.

PUB MT/P8 1098 EN · August 2010

Printed in Sweden on environmentally friendly paper.

