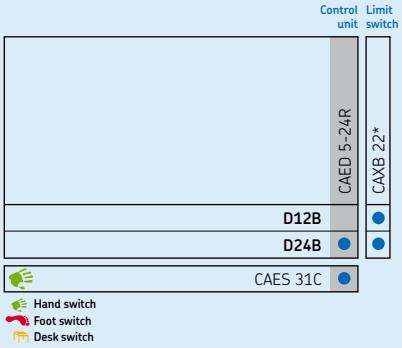
Linear actuator

CAR 22

Benefits

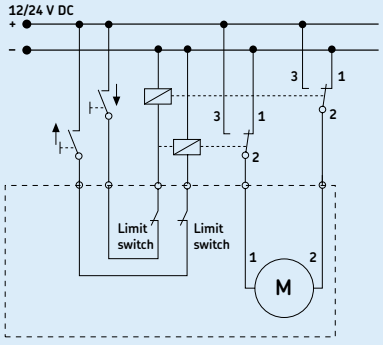
- Industrial reliable and robust actuator
- Right- and left-hand version

Suitable control units and accessories

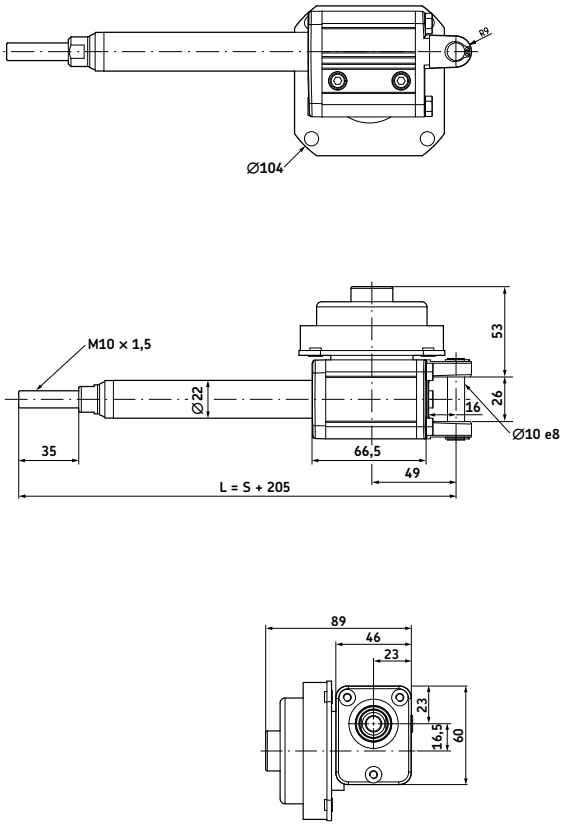


* See page 379

Connecting diagram



Dimensional drawing

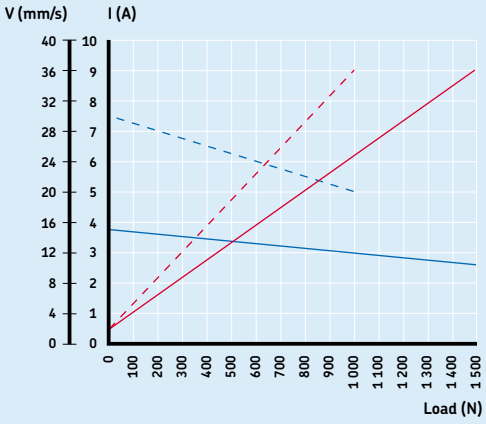


Legend:
S = stroke
L = retracted length

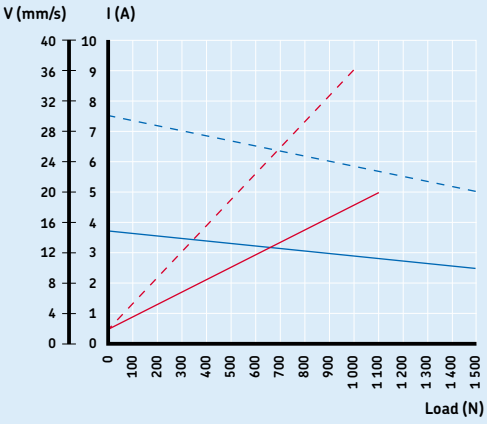
Technical data

		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	A	9
	24 V DC	A	5
Duty cycle		%	25
Ambient temperature		°C	–20 to +70
Type of protection		IP	44
Weight		kg	1,2 to 1,6

Performance diagrams

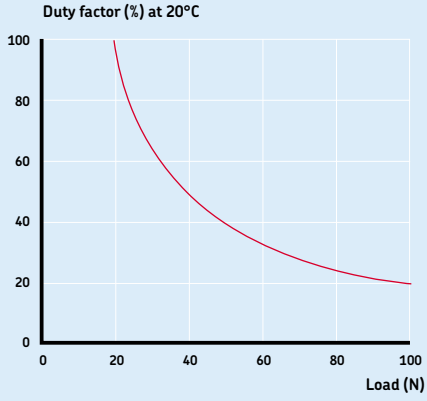


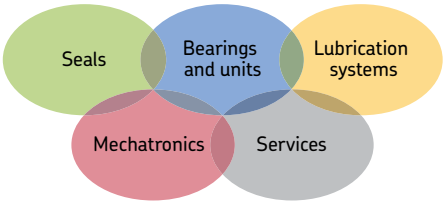
CAR 22.../D12B



CAR 22.../D24B

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 1 500/15–10 1 500/15–10	1 000/xx 1 000/30–20 1 000/30–20	No motor 12 V DC, flat motor, IP44 24 V DC, flat motor, IP44	0000 D12B D24B
1	2		

C A R ☐ 2 2 X ☐ ☐ ☐ X ☐ / ☐ ☐ ☐ ☐

Type

Motor assembly:

Right	R
Left	L

Stroke (S):

50 mm	050
100 mm	100
150 mm	150
200 mm	200
300 mm	300
Other stroke lengths	- - -

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

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