

# **CARE 33**

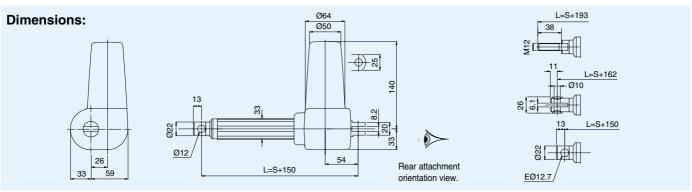


# **CARE 33 Actuator Systems**

The CARE 33 actuator system has primarily been designed and developed for Health Care & Ergonomic applications. Efficient design allows the CARE 33 actuators a high dynamic load capacity, silent operation and low current consumption. The safety features of the design make it particularly suitable for solving a large number of positioning needs in equipment for the elderly and disabled, as well as for many ergonomic and/or industrial applications. The gearbox is allowed to float so that the load path passes directly through a support bearing located in the rear attachment. This design offers a long operational life and minimizes the transmitted noise level. Design options are available to optimize safety in applications. The CARE 33 actuator system offers a wide range of extra

features such as power saving, overload protection, transformer cut-off, infrared remote control and CAXC limit switches. Since the motor is capable of generating greater torque then required to produce the rated thrust, our selected control units are configured to ensure proper function.





Technical data:	CARE 33A	CARE 33M	CARE 33H
Max. dynamic load:	2000N	1400N	800N
Max. static load:	6000N	3000N	3000N
Stroke length:	50-300mm	50-500mm	50-500mm
Speed:	8-12mm/sec.	16-22mm/sec.	32-45mm/sec.
Mains supply voltage:	12Vd.c. or 24Vd.c.	12Vd.c. or 24Vd.c.	12Vd.c. or 24Vd.c.
Max. power consumption:	12Vd.c./8A, 24Vd.c./3,5A	12Vd.c./8A, 24Vd.c./3,5A	12Vd.c./8A, 24Vd.c./3,5A
Duty factor:	20% at 2000N	20% at 1400N	20% at 800N
Cable:	Coiled or straight, 2.0m	Coiled or straight, 2.0m	Coiled or straight, 2.0m
Connection plug:	DIN 8-pole (VIF/xxx)	DIN 8-pole (VIF/xxx)	DIN 8-pole (VIF/xxx)
	Phono plug (CAFxxx)	Phono (CAFxxx)	Phono (CAFxxx)
No connector:	6 lead cable for encoder	6 lead cable for encoder	6 lead cable for encoder
	2 lead cable (CAEDxxx)	2 lead cable (CAEDxxx)	2 lead cable (CAEDxxx)
Encoder:	Hall-effect element	Hall-effect element	Hall-effect element
Protection class:	IP44 or IP65	IP44 or IP65	IP44 or IP65
Housing material:	Polyamide PA-6	Polyamide PA-6	Polyamide PA-6
Manufactured acc. to:	EN 55 014, EN 55 011	EN 55 014, EN 55 011	EN 55 014, EN 55 011

# Accessories: Suitable controls: CAFC 03 CAED 3-24R VIF/MCT VIF/SCT

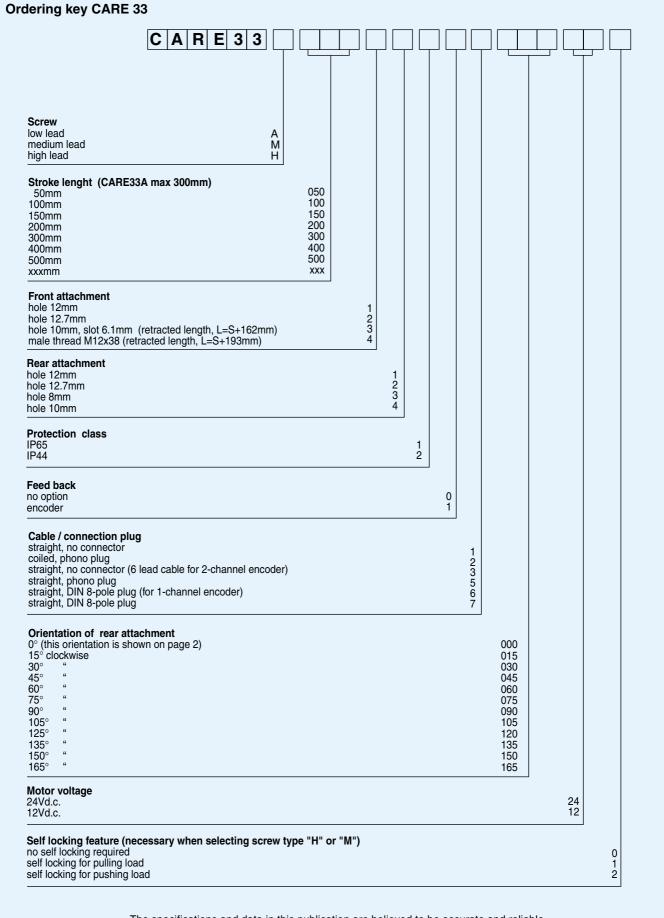
Limit switches: CAXC 33











The specifications and data in this publication are believed to be accurate and reliable.

However, it is the responsibility of the product user to determine the suitability of all products selected for a specific application.

Consult SKF for application support. The right is reserved to make changes without prior notice.











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Linear Motion has **3 product lines** and a sales organization of **10 specialized sales companies** located in Europe and in the USA.

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