

The Sommer logo consists of the word "SOMMER" in a bold, black, sans-serif font, enclosed within a white rounded rectangle with a red border. The background of the entire top half of the page is a red-tinted photograph of a modern parking garage with a large overhead door and safety markings on the walls.

www.sommer.eu



Track

GIGAline

GIGALine

The high-quality track unit for high loads and difficult operational conditions

Applications in the private/industrial areas, group and underground garages. The track unit is versatile. It can be easily shortened or extended.

The 3-piece track unit consists of extremely flat extruded aluminium profiles which are connected to each other. SOMMER uses a tear-proof steel roller chain which runs extremely quietly in special plastic guides and has proved its worth under high loads. The system is equipped with spring-mounted chain tensioning to prevent external influences.

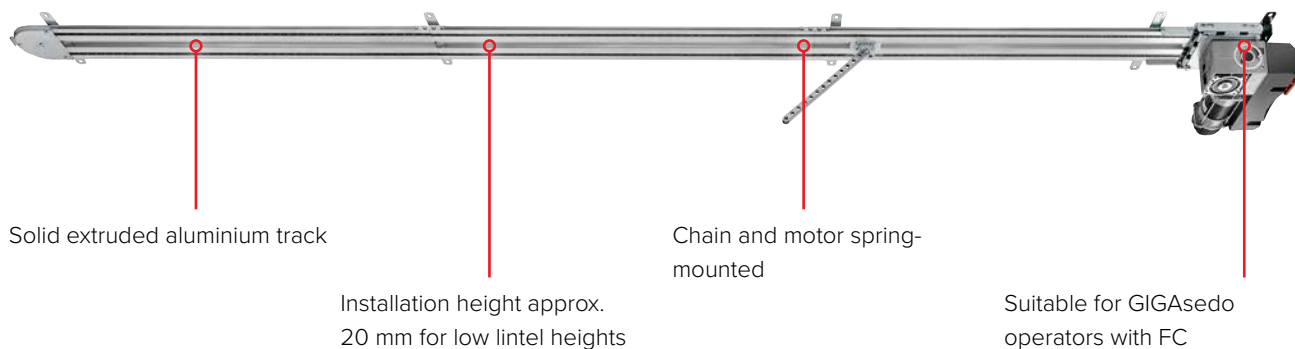
Technical Data

	GIGAsedo 024.100 DXFS0	GIGAcontrol A R1
Rated voltage	1 ~ 230 V	1 ~ 230 V AC (+/-10%) 1 ~ 230 V AC (+/-10%) 1 ~ 230 V AC (+/-10%)
Rated frequency	50/60Hz	50/60Hz
Rated current	3.45 A	–
Min. temperature ¹⁾	-5 °C	-25 °C
Max. temperature	+60 °C	+65 °C
IP code	IP54	IP54
Control voltage	24 V	24 V DC max. load 250 mA 12 V DC max. load 100 mA
Output torque	100 Nm	–
Static holding torque	450 Nm	–
Output speed	10–35 rpm	–
Motor output	0.55 kW	–
Max. switching capacity	–	1.5 kW
Limit stop range ²⁾	14	–
Hollow shaft	25.4 mm	–
Operating mode after S3		60 %
Continuous sound pressure level		<75 db(A)
Max. speed ²⁾		210 mm/s (80Hz)
Travel length max.		3,060 mm
Max. travel length incl. extension 1× extension (1,100 mm) ³⁾		4,160 mm
Door weight max. ⁴⁾		500 kg
Max. door width/door height ⁵⁾ (sectional doors)		8,000/3,500 mm
Max. no of spaces		>100

¹⁾ GIGAheat (S10750-00002) required at <5°C ²⁾ With E14 max. lift of 4,200 mm, other motor required or KOSTAL gearing (S12421-00001) required

³⁾ Extension S14006-00001 required ⁴⁾ Spring balanced, depending on the door and the respective operating conditions ⁵⁾ Reference value, depending on the door construction

The track is driven using an industrial door operator with frequency converter



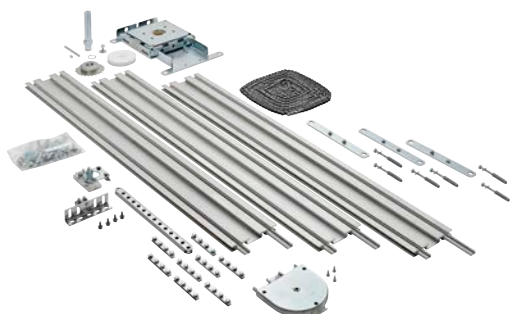
Solid extruded aluminium track

Installation height approx.
20 mm for low lintel heights

Chain and motor spring-mounted

Suitable for GIGAsedo operators with FC

Track



#S14001-00001

GIGAline track unit;
bare aluminium; travel length 3,060 mm;
incl. mounting material

Extension set

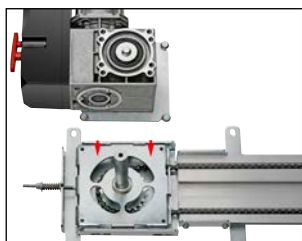


#S14006-00001

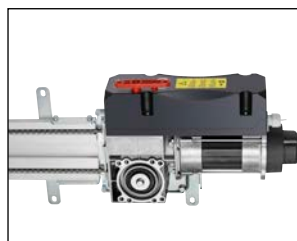
Length 1,100 mm, bare aluminium, incl.
mounting material



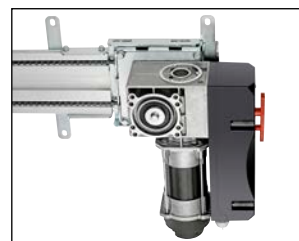
The tear-proof steel roller chain is suitable for extreme loads.



The operator is mounted on the steel motor support and connected to the drive shaft.



Installation example



Installation example at 90° angle

GIGAsedo 024.100 DXFS0 set*

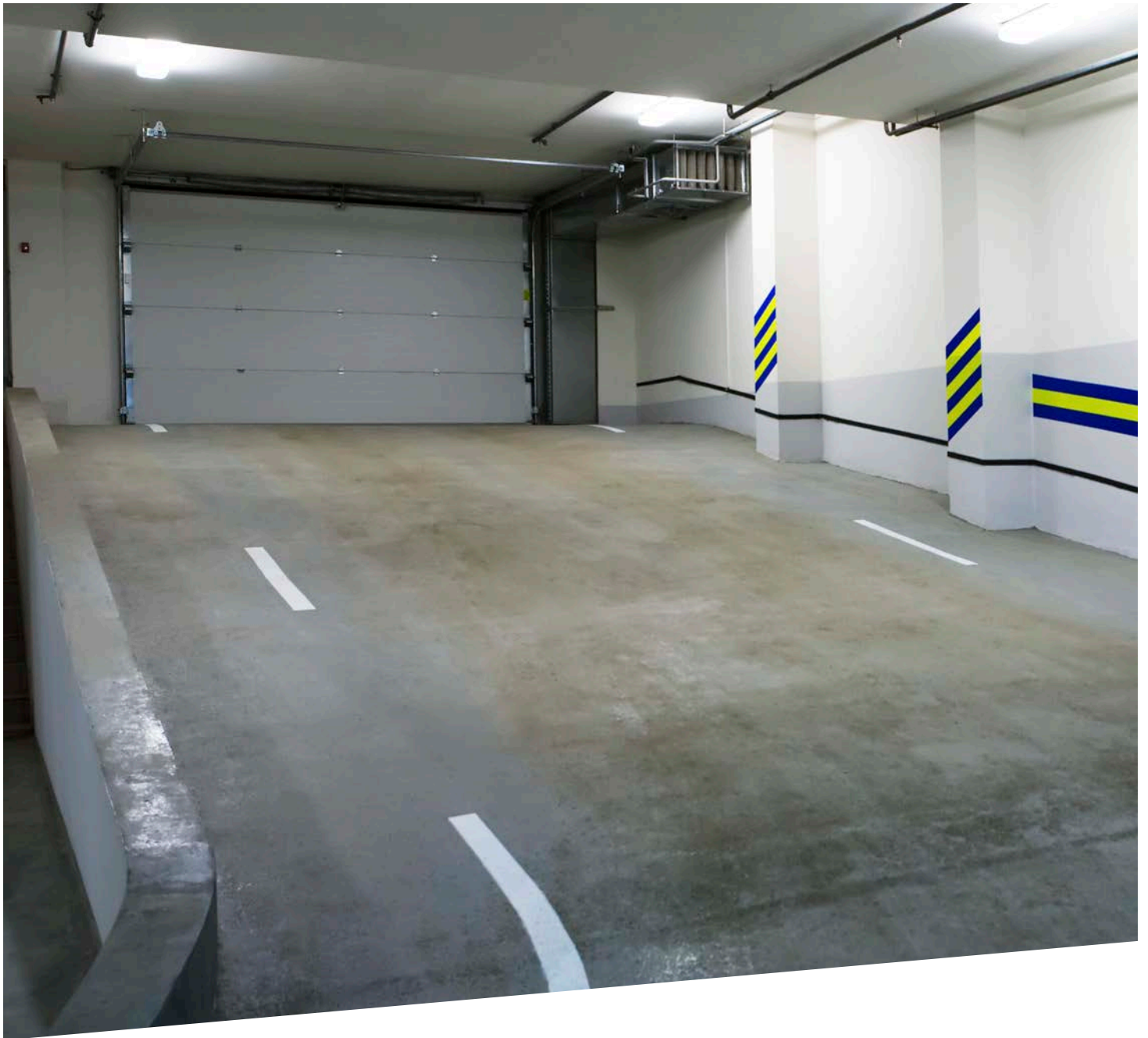


#S14125-00001

GIGAsedo 024.100 DXFS0
10–35rpm/100Nm/0.55kW
Emergency release
With integrated FC
Pull rope and manual taper, length 7 m

- > Incl. GIGAsedo A control unit
- > Connection cable, 7 m
- > Power cable 1.3 m with Schuko angle plug
- > Without radio receiver

* Other motor variants available on request.



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