

WCF06

ROPE CAR SLING



Industrial



Transport



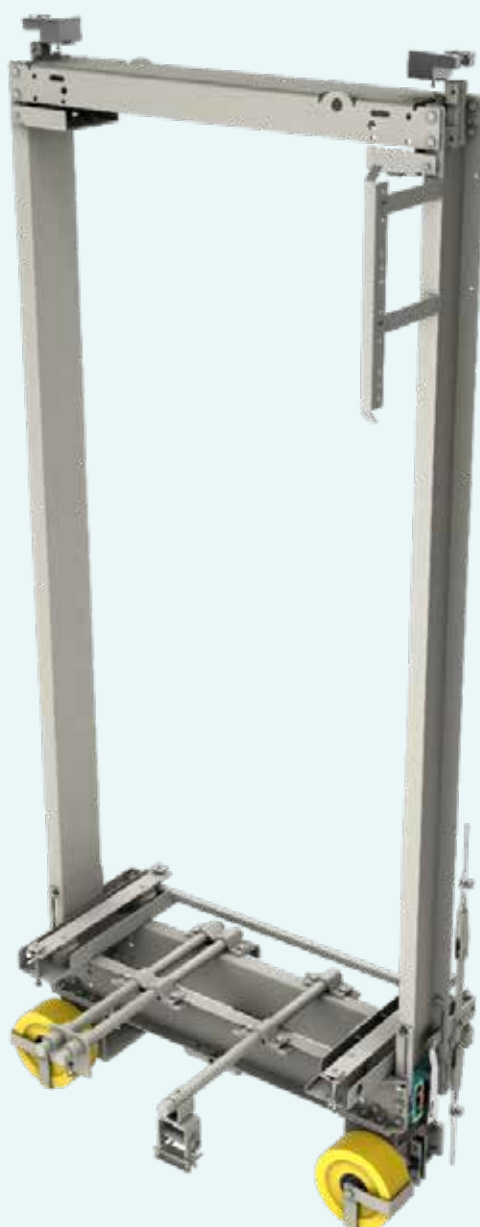
Residential



Modernization



Office



ROPE CAR SLING

FEATURES

- Compliant with the EN81 specifications
- Car frame modular structure: width (DBG) and height freely chosen (in mm steps) within the technical limits
- Rated speed up to 1,75 m/s

- Single components selectable according to the elevator specification:

GUIDES:

- Roller RGF-125
- Sliding SLG1, SLG6

SAFETY GEARS:

- Progressive safety gear downwards direction: CSGB-01
- Progressive safety gear Bidirectional: BSG-25P

- Suitable for rail head width from 8 to 16 mm
- Suspension applications for 1:1 Top / 2:1 Top / 2:1 Bottom
- Fully isolated car for excellent ride comfort
- Suitable for WITTUR cars VESTA, Adapta-2, MCSH (compatible with "VESTA FIT" option for dimensional optimized DBG/CIW)
- Easy installation
- Small shipping dimensions

Q [kg]	Gmin [kg]	Gmax [kg]
700	450	1.600

Q = Nominal Load
G = Total Suspended Load
 $G = K + Q + T + M$

K = Mass car + car doors + door operator

T = Mass of the car frame

M = M1 + M2

M1 = Mass of travelling cable

M2 = Mass of compensation chains

HIGH SHAFT EFFICIENCY

DBG min [mm]	DBG max [mm]	DD max [mm]
800	1.510	1.500

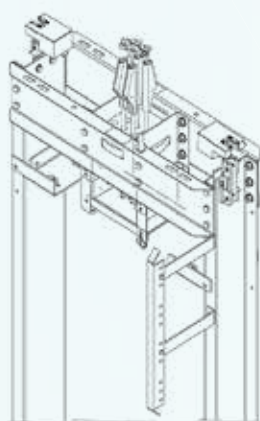
DBG = Distance between guides
DD = Car depth

CAR	CIW (mm)		CEW (mm)
VESTA	DBG-100	700-1.400	CIW + 50
VESTA FIT	DBG-80	720-1.400	
Custom	-	-	DBG - 40

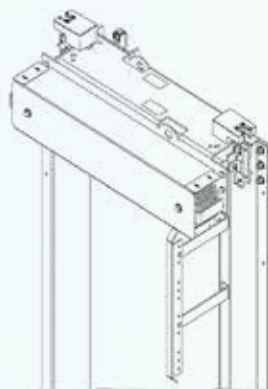
CEW = Car External Width
CIW = Car Internal Width

TOP CONFIGURATION

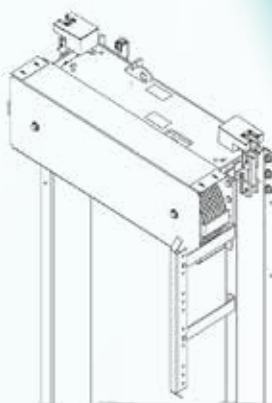
**Suspension
1:1**



**Suspension 2:1
(160 Pulley)**

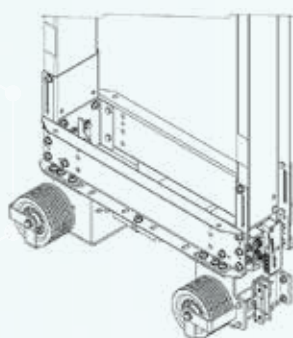


**Suspension 2:1
(240 Pulley)**

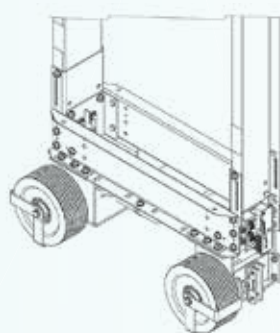


BOTTOM CONFIGURATION

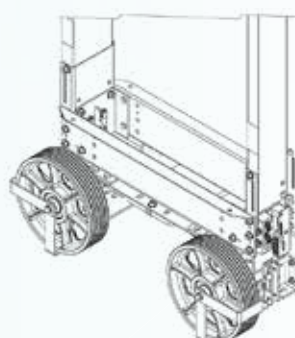
**Suspension 2:1
(160 Pulley)**



**Suspension 2:1
(240 Pulley)**



**Suspension 2:1
(330 Pulley)**



Suspension	Traction Ropes d [mm]	
	Steel Ropes	PU Coated Steel Ropes
1:1	6 / 6,5 / 6,7 / 8 / 10	6,5 / 8,1
2:1	6,5 / 6,7 / 8	

Ø of Pulley	2:1 Top	2:1 Bottom
160 mm (*)	✓	✓
240 mm (*)	✓	✓
330 mm	✗	✓

(*) Light weight plastic pulley



WITTUR

YOUR GLOBAL PARTNER FOR COMPONENTS,
MODULES AND SYSTEMS IN THE ELEVATOR INDUSTRY



WITTUR.COM



WCF06 on
wittur.com

ADVANCING THE ELEVATOR INDUSTRY®

WCF06 - 01.11.2024 - English - October 2023

Subject to change without notice!