

# WCF 10 - 16 - 25 - 35

CAR FRAME SERIES



## WCF 10 - 16 - 25 - 35

TYPE	Q [kg]	G [kg]	BB [mm]	DD [mm]
WCF10	≤ 1600	≤ 3900	≤ 2250	≤ 2750
WCF16	≤ 2500	≤ 5600	≤ 2650	≤ 2750
WCF25	≤ 2500	≤ 8000	≤ 3050	≤ 3100
WCF35	≤ 3500	≤ 12000	≤ 4160	≤ 4000

$$G = K + Q + T + M + 0,5 \times R \text{ [kg]}$$

$$F_{\max} = K + Q + T + 0,375 \times M \text{ [kg]}$$

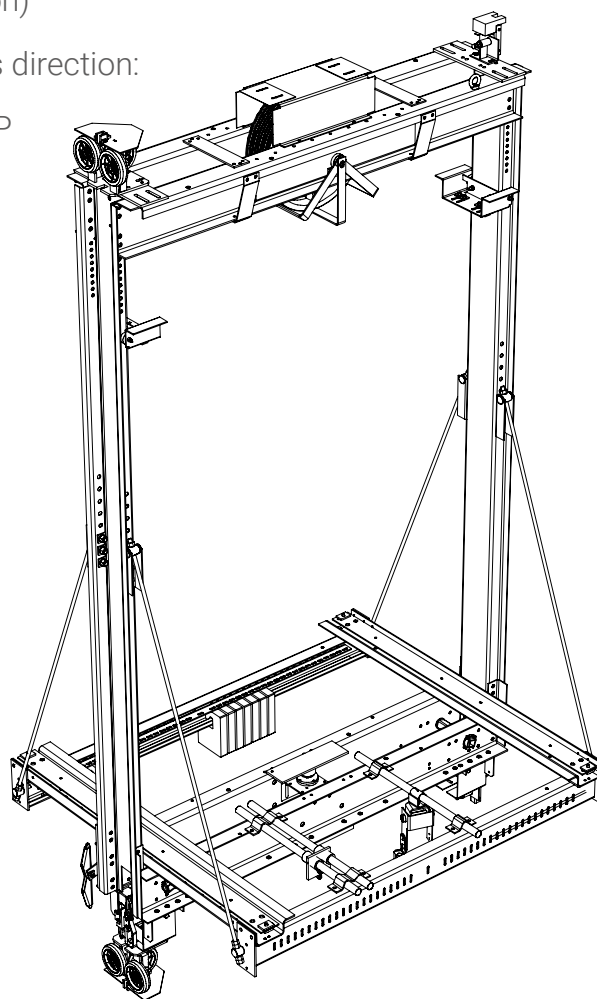
- G** Total suspended load
- K** Mass of the car, car doors, door operator
- Q** Nominal load
- T** Mass of the car frame
- M** M1 (Mass of travelling cable) +  
M2 (Mass of compensation chains)
- R** Mass of the rope compensator
- F<sub>max</sub>** Mass to be gripped
- BB** Car width
- DD** Car depth

# WCF 10 - 16 - 25 - 35



## FEATURES

- Compliant with the EN 81-20 specifications
- Car frame width (DBG) as well as frame height can be chosen freely (in mm steps) within the technical limits
- Modular structure (single components like guide shoe, safety gear, ... selectable according to the elevator specification)
- Available with progressive safety gear downwards direction: SGB01, SGB02, SGB03, SGB05, WSGB10, USG-25P  
bidirectional: LADP-16, BSG-25P
- Suitable for rail head width from 8 to 32 mm
- Suspension 1:1 or 2:1, 4:1 on demand
- Car fully isolated for excellent ride comfort
- Easy installation
- Small shipping dimensions





WITTUR

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



WITTUR.COM



**ADVANCING** THE ELEVATOR INDUSTRY®

WITTUR 10-16-25-35 - SB.3.002341 - English - März 2025

Subject to change without notice!