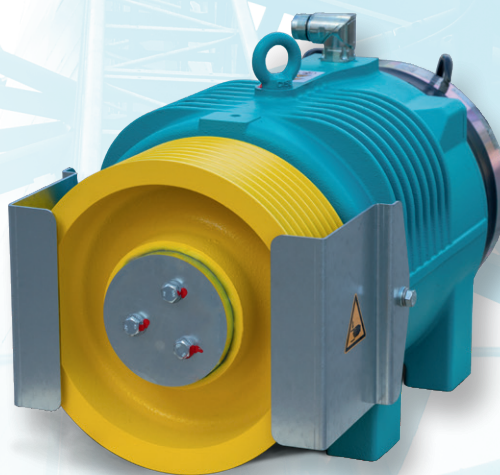


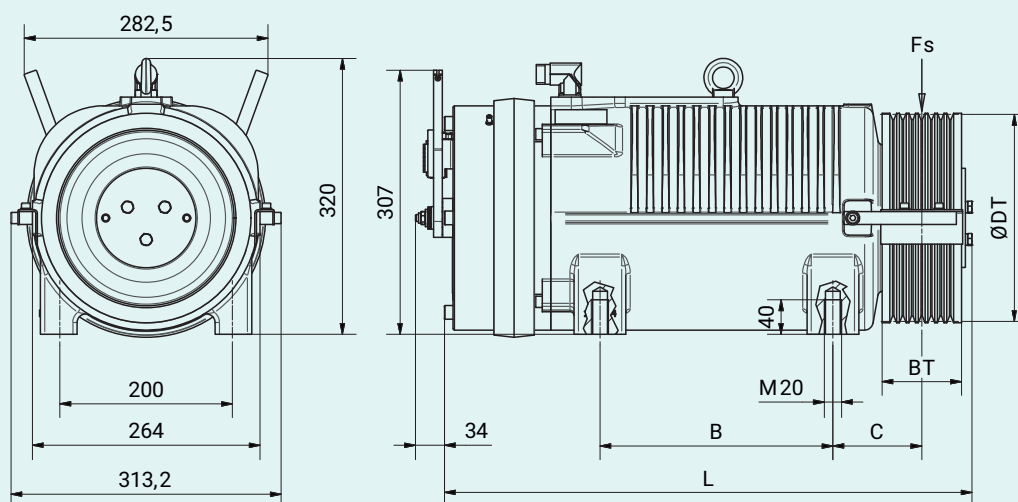
# WSG-SF

## GEARLESS SYNCHRONOUS LIFT MACHINE

- ▶ Low-vibration and silent thanks to a perfectly matching magnet design
- ▶ Compliant with EN 81-20/50
- ▶ Modular system allows a lot of options
- ▶ Shaft loads up to 26 kN
- ▶ Rope tension in all directions



## GEARLESS SYNCHRONOUS LIFT MACHINE



WSG-	SF.1			SF.2			SF.3				SF.5		SF.4			
dia. D <sub>T</sub>	160	210	240	160	210	240	160	210	240	320	240	320	160	210	240	320
B <sub>T</sub>	130	120	92	130	120	92	130	120	92	105	92	105	130	120	92	105
C	133.5	117	103	133.5	117	103	133.5	117	103	109.5	103	109.5	133.5	117	103	109.5
L	532	520	501	532	520	501	660	636	617	617	617	617	660	636	617	617
B	190			190			270				270		270			
m <sub>G</sub> [kg]	121			128			153				162		167			
J <sub>c</sub> [kam²]	0.13	0.16	0.18	0.14	0.17	0.19	0.15	0.18	0.21	0.58	0.20	0.60	0.17	0.21	0.23	0.61

- Compliant with EN 81-20/50
- Rope tension in all directions
- Low-vibration and silent thanks to a perfectly matching magnet design
- Modular system allows a lot of options
- Solid construction for permissible shaft loads at the traction sheave up to 26 kN
- Safety brake system with electro-magnetical release, manual release as an option, contacts for brake control
- EC type-examination certificate according to EN 81-20/50, can be used for UCM solution
- Synchronous motor, 16-pole, with high-efficiency permanent magnets, insulation class 155 (F)
- Variable options regarding voltage, speed, torque, measuring system and traction sheave parameters

\*) On request a traction sheave with a diameter of 400 or 480 mm is also available.

Reference values. Achievable nominal load depends on specific elevator system data.