

GEARLESS DRIVE SYSTEMS

Liftgearless®



EXCELLENCE IN COMPONENTS

Robust and efficient lift machines, designed for extremely high loads and travel heights.

- Complies with Lift Directive 95/16/EC and EN 81-1 specifications
- High-efficiency drive; reduced power consumption; low-noise level
- Interchangeable traction sheave in ductile cast iron
- Groove profiles according to lift system
- Reliable sturdy design; high axial loads permitted
- Adaptable options regarding voltage, speed, torque, measuring system, braking torque and traction sheave parameters
- Easy to upgrade, with standard and special machine frames, rope pulleys and accessories
- Fail-safe brake, type-tested to EN 81-1
- Option: UL-CSA approved



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Production Range

Motor		asynchronous 8-pole			
		WLG-28.1	WLG-28.2	WLG-28.3	WLG-28.4
Torque (S 1)	M_N [Nm]	1250	1500	1900	2200
Traction sheave	$\rightarrow D_T$ [mm]	520 / 560 / 650 / 680			
for loads	Q [kg]	up to 1600	up to 1900	up to 2400	up to 2750
Suspension		table applies for 2:1			
Rated speed	v [m/s]	1,6 ... 4,0			
shaft loads	F_S [kN]	... 200			

Motor		asynchronous 8-pole		
		WLG-35.1	WLG-35.2	WLG-35.3
Torque (S 1)	M_N [Nm]	3700	4200	4800
Traction sheave	$\rightarrow D_T$ [mm]	650 / 760		
for loads	Q [kg]	up to 4100	up to 4700	up to 5500
Suspension		table applies for 2:1		
Rated speed	v [m/s]	1,6 ... 4,0		
shaft loads	F_S [kN]	... 350		