

Manual wire rope winches

Console-mounted wire rope winch OMEGA

Developed for special challenges: the OMEGA console-mounted wire rope winch offers perfect functional safety in areas such as the ATEX (explosion protection) or offshore ones.

The OMEGA DGUV V54 (BGV D8) and OMEGA OFFSHORE versions are prepared for manual operation and operation via an external motor-powered drive.

Equipment and processing

OMEGA BGV D8

- Carrying loads 1000 kg

OMEGA Offshore

- Carrying loads 800 kg
- External motorized drive possible

OMEGA ATEX

- Carrying loads 1000 kg
- Use according to directive 2014/34/EU (ATEX)

Standard equipment

- Removable hand crank
- Encapsulated gearbox – running in oil bath
- High-quality painting to improve corrosion protection



Technical data

Model	Art. no.	Capacity 1 st layer [kg]	Capacity 4 th layer top layer [kg]	Rope-Ø [mm]	Useable rope length 1 st layer [m]	Useable rope length 4 th layer [m]	Lift per crank rotation 1 st layer [mm]	Lift per crank rotation 4 th layer [mm]
OMEGA BGV D8	192010587	1000	692	8*	1.6	13.1	29	42
OMEGA ATEX	192010588	1000	692	8*	1.6	13.1	29	42
OMEGA Offshore	192010589	800	800	10**	1.2	4.3	30	35

Model	Art. no.	Req. crank effort (full load) [daN]	Driving torque M _{ta} [Nm]	Max. load cycles per hour full load	Input speed M _{ta} [1/min]	Duty ratio	Weight w/o rope max. [kg]
OMEGA BGV D8	192010587	17	54	-	100	S3-50%	ca. 38
OMEGA ATEX	192010588	17	3	3	-	-	ca. 38
OMEGA Offshore	192010589	17	54	-	100	S3-50%	ca. 38

*recommended rope: DIN 3069 SE 1960 N/mm²

**recommended rope: DIN 3069 SE 1770 N/mm²

