



MACKINA - WESTFALIA



ELECTROHYDRAULIC WINCH PULL+RETENTION CEHTR30

Product Description





GENERAL INFORMATION

The electrohydraulic winch CEHTR30 has been designed for the drag of shearers which has to move by a coal face with inclined seams and for auxiliary works of transport of materials through the face.

This winch is limited for the sheares whose resulting effort in the safety cable, taking into account the weight of the shearer and inclination of the face, not exceeding the following values depending on the cable used:

Type of Cable used	Resulting effort (kN)
6x26ws + (7x7+0) Dn=25mm 450kN	90
6x26ws + (7x7+0) Dn=28mm 550kN	110
6x26ws + (7x7+0) Dn=30mm 650kN	130

TECHNICAL CHARACTERISTICS

Pulling force on the cable work rising on last layer	100-140 kN
Descending variable traction in the work cable	0 – 140 kN
Safety wire traction force ascending at last layer	50-90 kN
Safety cable traction force descending	0 – 90 kN
Winding capacity	315 m
Nº of layers	8
Nominal diameter	25 mm 28mm 30mm
Cables Usual composition	6x26+7x7+0 w-seale 6x26+7x7+0 w-seale 6x26+7x7+0 w-seale
Tear force	450 kN 550 kN 650 kN
The wire-speed in the last loop	5,85 m/min
Diameter inside / outside of the drum	660 / 1.100 mm
Diameter last loop	988 mm
Diameter first loop	686 mm
Standard electric motor	AEG
Voltage	3x500v. / 50Hz
Power, kW	38
Speed, r.p.m.	1.470
Protection	IP54
Flameproof electric motor EEx d I 150°C Tipo	DSLg 200L4 E
Voltage	3x525v. / 50Hz
Power, kW	30
Apeed, r.p.m.	1.472
Certification	LOM 01ATEX2048
Level and temperature switch	TN20 / 70
Firing temperature, °C	70
Maximum vertical component of the weight of the machine including cable, kN	140



DIMENSIONS

