

Request Data

Compact Rope Winch

General Information

Request Date:	Telephone:
Company:	E-Mail:
Contact Person:	Application:
Road:	Machine/Type:
Postcode: Location:	Required quantity/Annual quantity:
Country:	Requested delivery date:

Performance Data

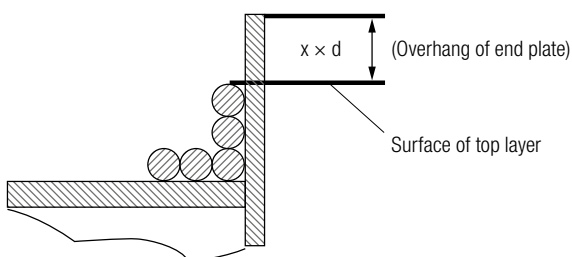
Quantity of accumulating ropes:	Rated rope pull (Full load*)		Rope pull (Partial load*)	
	Rope pull at drum: F=	[kN]	Rope pull at drum: F=	[kN]
Rope speed: v=	[m/min]	Rope speed: v=	[m/min]	

* per rope and hoisting capacity inclusive

Classification according FEM 1.001	Alternative interpretation				
	Collective				
	Load case	Description	F ₁ [kN]	v ₁ [m/min]	Time share [%]
Mechanism group M:	Load case 1				
Load spectrum L:	Load case 2				
Utilisation category T:	Load case 3				
	Load case 4				
					100%

Technical Data All values based on 1. rope layer/ top rope layer

Mandatory fields	Optional input (otherwise recommendation of winch manufacturer)		
Nominal rope diameter [d]:	[mm]	Diameter of rope drum at first layer:	[mm]
Rope tolerance (Standard +2 to +4 %):	[%]	Length of rope drum between end plates:	[mm]
Useable rope capacity (without safety windings):	[m]	Quantity of rope layers:	[-]
Quantity of safety windings:	[-]		
Type of rope:	Steel rope Fiber rope (soLITE)		
Desired gear ratio:	[-]		
Overhang of end plate [x]:	[mm]		



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Space for sketches (optional)

If desired draw in following sketches:
- Arrangement: motor - brake - gearbox
- Pull direction of rope

Motor Data

Quantity of motors:

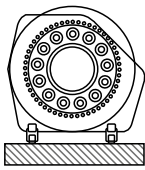
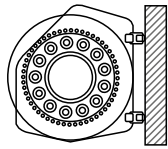
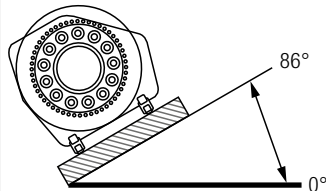
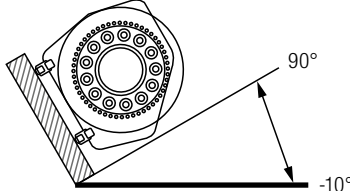
Hydraulic motor	Electric motor
Manufacturer:	Manufacturer:
Type designation:	Type designation:
Displacement: [cm ³]	Power: [kW]
Absorption capacity: [l/min]	Nominal torque: [Nm]
Differential pressure: [bar]	Speed: [min ⁻¹]

Interpretation based on Classification Society / Specification

ABS CCS BV DNV-GL LRS RMRS EN 13000 ff Others:

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Environmental conditions			
Maritime operating conditions	yes	no	Humidity: [%]
Ambient temp. T_A crane:	min.:	max.:	Design temperature T_D : [°C]
Installation situation			
Winch installation:	inside	boom foot	Distance first pulley: [m]
	outside		
Installation position			
horizontal	vertical	horizontal, swivelling	vertical, swivelling
↻ Front (boom)	↻ Front (boom)	↻ Front (boom)	↻ Front (boom)
			

Brake

Application as	Hydraulic holding brake	Electric holding brake	Secondary brake
	min. releasing pressure: [bar]	Release voltage: [V]	Brake motor
	max. releasing pressure: [bar]		Disc brake
	exp. dynamic pressure: [bar]		Pawl

Scope of supply

Motor	Rope roller presser
Brake on drive	Measuring device for oil
Secondary brake	Temperature sensor
Winch frame	Painting: C2 C3 C4 C5
Slackline detection	Rope

Further Comments/Requirements

For further questions,
please do not hesitate to contact us.

Please return completed form to: