

SH 32 – the perfect self-recovery winch

Description:

electric winch, 12 V or 24 V
 strong series wound motor with constant torque, reversible
 rated line pull to EN14492-1: 32 kN (3250 kg), max. line pull 40 kN
 three-stage planetary gears, gear ratio 216:1
 automatic load holding cone brake
 free spool clutch for manual unwinding of the rope
 wire rope fixed to drum by robust key hole anchor
 drum diameter : rope diameter D:d 10:1
 wire rope with safety hook (compressed steel wires for increased breaking strength)
 4-way roller fairlead
 solenoid box for separate or direct mounting
 two battery cables with terminals, length 1.80 m
 emergency-off switch and solenoid
 overload safety switch / load limiting device
 cable remote control with push button switch, length 3.60 m
 manual

**CE – sign to European Machinery Directive 2006/42/EC
 product meets European Standard EN14492-1
 (Cranes, part 1: Power Driven Winches)**

Technical Data:

Manufacturer:	SCHMITZ & HEISLER GMBH		
Model:	SH 32		
Intended Purpose:	pulling of loads, vehicle recovery		
line pull on first rope layer (max.):	40kN		
rated line pull on first rope layer:	32kN	with load limiting device installed	
amperage draw at rated load	12V: 310A		
	24V: 180A		
required wire rope:	max. diameter:	8mm	
	min. breaking strength	64kN	
weight with wire rope		39kg	

Rated line pull and wire rope capacity per rope layer:

wire rope layer	1	2	3
rated line pull [kN] to EN14492-1	32.0	26.5	22.5
wire rope capacity [m] max.	7	15	23

Line speed and amperage draw depending on load, on first rope layer:

load [kN] first rope layer		0	10	22	32
line speed [m/min]	12V	8.0	4.5	3.2	2.0
	24V	8.0	5.0	3.5	2.2
amperage draw [A]	12V	66	170	240	310
	24V	32	85	120	180

Recommended accessories:

mounting plate, cable tensioner, snatch block, wireless remote control