



- for pulling of loads and recovery of vehicles
- CE sign based on Machinery Directive 2006/42/EC
- Product meets European Standard EN 14492-1

## Features:

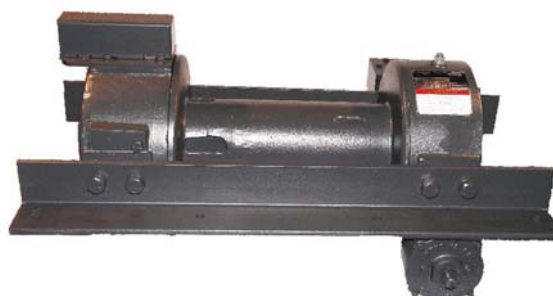
- compact construction
- for continuous operation
- self-locking worm gears
- manual or air shifter
- wedge pocket rope anchor



H 49,8 manual shift



H 89 manual shift



H 89 air shift

	model	H 49,8	H 89
	rope Ø	12 mm	16 mm
	pressure	160 bar	155 bar
	volume flow	95 l/min	95 l/min
	weight without rope	67,6 kg	185 kg
rope layer 1	line pull	49,8 kN	89,0 kN
	rope length	9 m	10 m
	speed	9,1 m/min	9,1 m/min
rope layer 2	line pull	42,4 kN	73,8 kN
	rope length	19 m	23 m
	speed	10,3 m/min	10,3 m/min
rope layer 3	line pull	37,0 kN	63,2 kN
	rope length	33 m	38 m
	speed	11,8 m/min	11,8 m/min
rope layer 4	line pull	32,8 kN	-
	rope length	47 m	-
	speed	13 m/min	-

1 kN equals approx. 100 kg / 220 lbs

**Accessories:** manual or electric control valves, steel wire ropes, roller guide, level winder, synthetic ropes Dyneema SK 75, aluminium hawse fairlead, cable remote control, wireless remote control, motor fittings, relief valves, emergency-off valves

