## **Hydraulic winches**



## **Selection table**

## Please fill in the table for 10 to 50 tons

No of rance on drum	rnative rating	
Nominal line pull (for each rope)  Line pull at drum  Rope speed  V1	(1.1)	
Drive unit class Load conditions Betriebsklasse Safet	dyn 🗖 T <sub>stat</sub>	(hour) .(–) .(Nm) .(kN)

// Technical data			HMAN			
Diameter of rope drum Length of drum	D <sub>1</sub>	(mm)	Drum Lead ☐ right ☐ left	No. of rope layers Length of rope to	Z .	_(-)
between flanges	L <sub>2</sub>	(mm)	Type of rope groove	be wound including		
Rope diameter	d	(mm)	☐ DIN 15061 ☐ Special ☐ grooveless	3 safety turns	Ls .	_(m)
Rope groove pitch	р	(mm)	Position of rope anchor	Diameter of drum flanges	D <sub>2</sub>	_(mm)
		~C	☐ drive side ☐ opposite to drive	Ratio	i	_(-)

// Drive electric motor		
Power	8	_(kW)
Speed		_(min.)
Control (Frequency inverter; ON/OFF; Softstarter)	- -	_
Voltage, AC/DC	_	-
Starting torque	T <sub>A</sub> _	_(Nm)
Breakdown torque	T <sub>k</sub>	_(Nm)
Power-on time	ED _	_(%)
Starting per hour	\$=	=
// Drive hydraulic motor		
Available oil flow	Q	(l/min)
Available differential pressure	Øp	(bar)

// Brake	
Apply as  ☐ Parking brake ☐ Service brake  Design ☐ Spring loaded multi disc brake ☐ with backstop ☐ Brake motor ☐ Disc brake ☐ Drum brake  Actuation	
hydraulically min. release pressure	(bar)
electric max. release pressure	