

# WH 4700

Structure in ductile cast iron and alluminium alloy structure

Ratio 29:1 - Reduction unit with worm wheel and irreversible worm-screw.

(Reverse motion is possible only when the operator acts on the relevant controls, therefore no brake is required).

Manual clutch for drum engagement – disengagement

Direct line pull force (as measured by spring scale gauge): 4700 kg at the 1<sup>st</sup> rope layer

Towing capacity: 14100kg at the 1<sup>st</sup> rope layer

Recomm.d rope length: ø12mm max 70m

Zinc-plated steel fairlead rollers

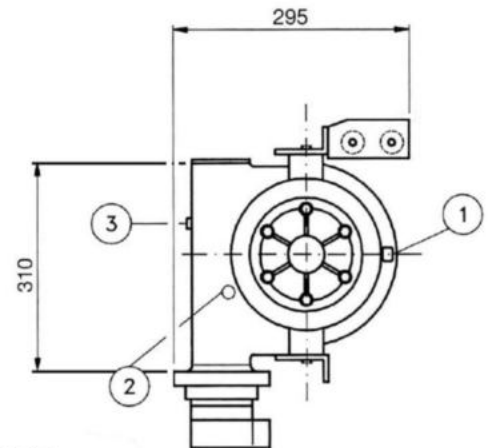
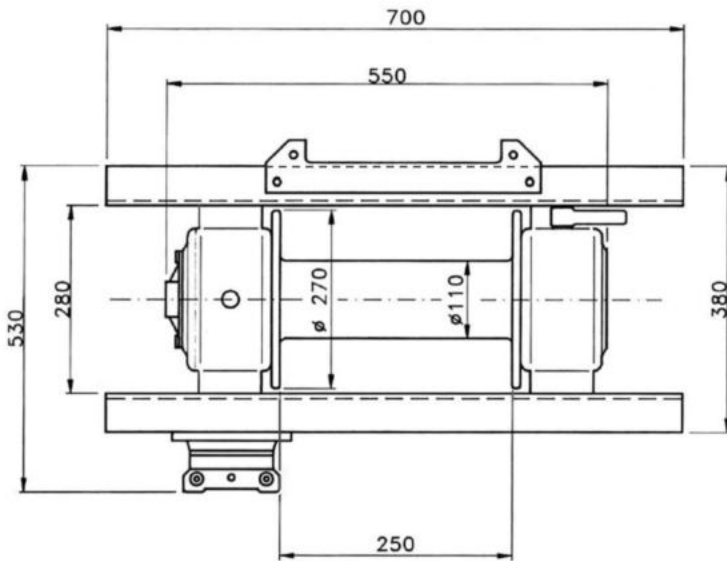
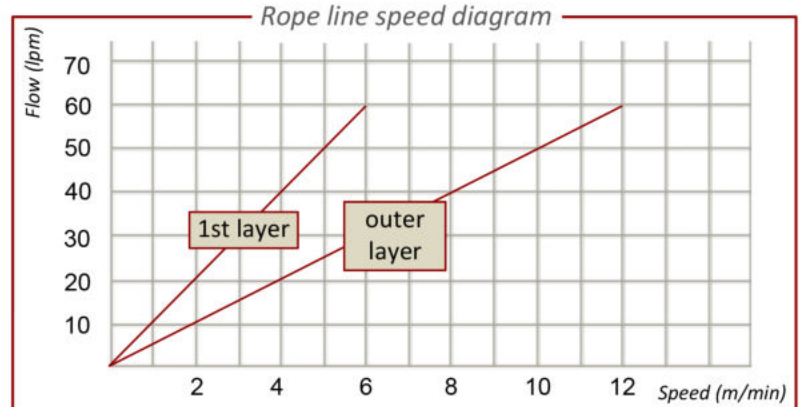
Total weight w/out rope: 65 kg

Max P (relief valve adj.):

140 bar

Suggested flow to motor:

60 l/min



- ① Oil filling plug
- ② Oil level plug
- ③ Oil emptying plug

ROPE LAYER	TOWING* CAPACITY	DIRECT LINE PULL	ROPE LENGTH
1 <sup>st</sup>	14160 kg	4720 kg	7,20 m
2 <sup>nd</sup>	11580 kg	3860 kg	16,00 m
3 <sup>rd</sup>	9840 kg	3280 kg	26,00 m
4 <sup>th</sup>	8580 kg	2860 kg	38,00 m
5 <sup>th</sup>	7560 kg	2520 kg	51,50 m
6 <sup>th</sup>	6780 kg	2260 kg	66,60 m
Max capacity of spooled rope: 70m ø12mm			

\* = Pulling capacity (estimated weight of the vehicle to be towed on a flat surface, free wheels) uses to be about 3 times as the direct line pull as measured by spring scale.