HYDRAULIC WINCH MODEL HV7

- The constant voltage function is based on a pressure exerted from the motor, in a constant manner. Such pressure is adjusted by the operator, through the specific winch for the desired load.
- In some cases, the pull load is not static; It moves according to the movement of the ship, causing a variation in weight.
- To transport and keep the cargo under control, even with the natural movement variations of the ship, this winch is the best on the market
- The winch has a fail safe went multi disc brake released by the pressure from the directional control valve. Brake release at 21 bar pressure level.

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Model No	Rated operating pressure	Flow max	Full Drum Rated capasity	Mid drum Line speed	Max Stall Pull First Layer at 240 bar	Recom-mended Wire Rope Size	Max Wire Rope length at rec. size
	bar	l/min	kN	m/min	kN	mm	m
HV7	240	300	50 (70)	70	84	22	500

Model No	Sound Pressure level	Sound power level	Connector sizes	Drum Barrel dia	Drum Flange dia	Winch Overload Setting	Max shear force in foundation bolts
	dBA	dBA	mm	mm	mm	kN	N
HV7				457	900	70	

Table 1: Foundation Bolting Dimensions

Winch Model	Drum Length		Dimensions							
			A		B		C		D	
	mm	in	mm	in	mm	in	mm	in	mm	in
HV7	900		850		245		26		547	

Hydraulic Lines

Hose sizes with minimum dimensions:

Model No	Rated operating pressure	Maximum flow	Hose size High pressure	Hose size Return line	Hose size drainage	Hose size LS
	bar	l/min	in	in	in	¼ ”
HV7	240	300	1 ¼”	1 ½”	1 ”	¼ ”

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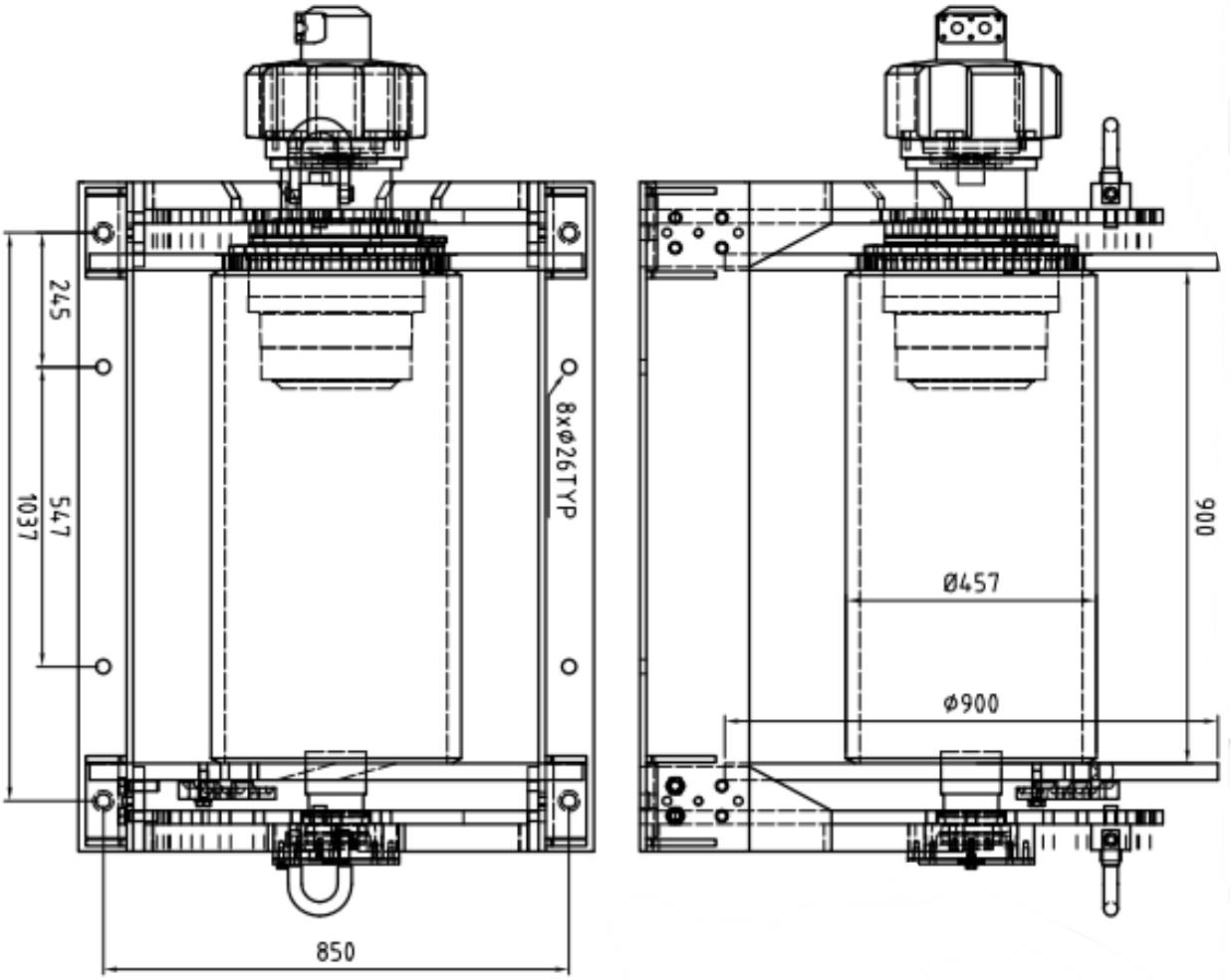

- Images for illustrative purposes only

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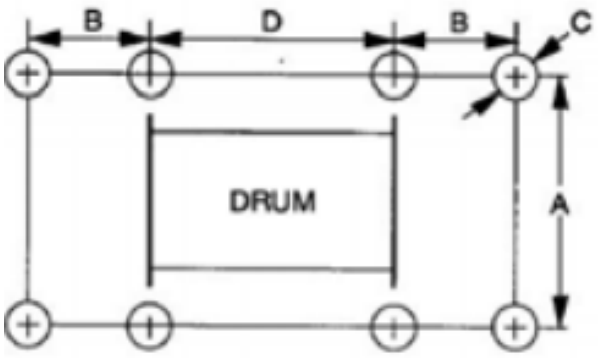

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