

HVB5

TEKNISK BROSJYRE

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INTRODUKSJON

Dette er en SWL 5tonns vinsj på 7ende laget.

Dette er en kompakt hydraulisk vinsj. Ypperlig for operasjoner der det er liten plass og kran kapasitet. Passer fint inn i drilling områder som i maritim.

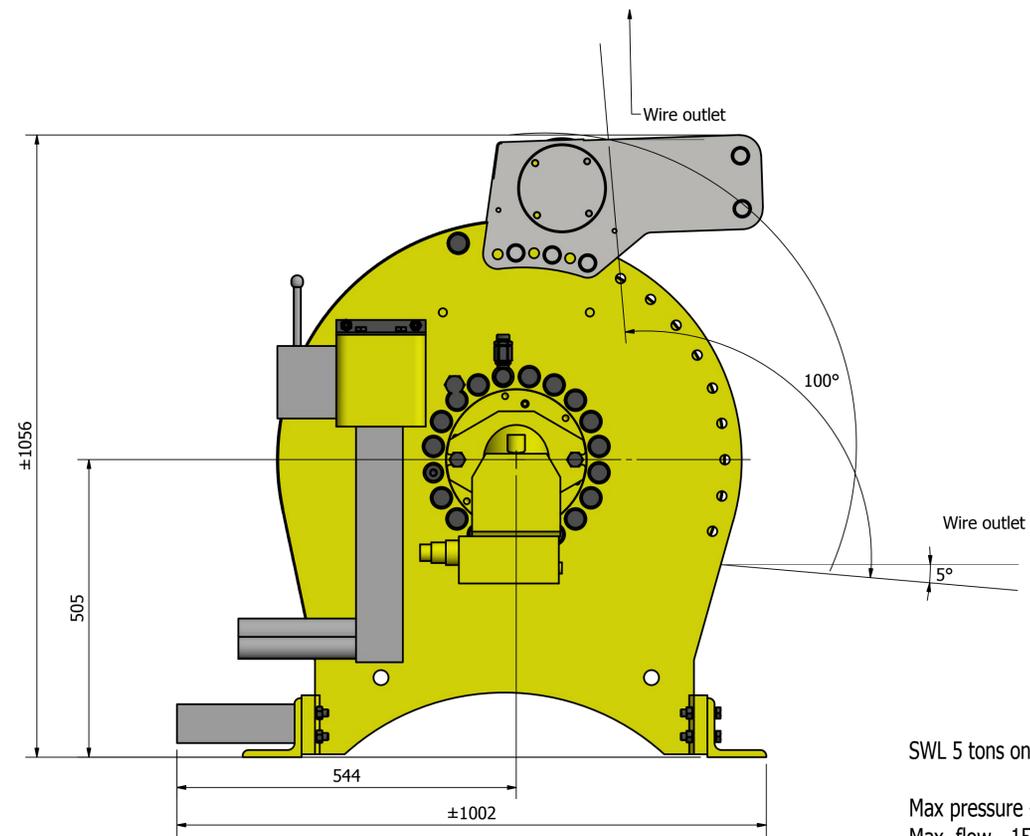
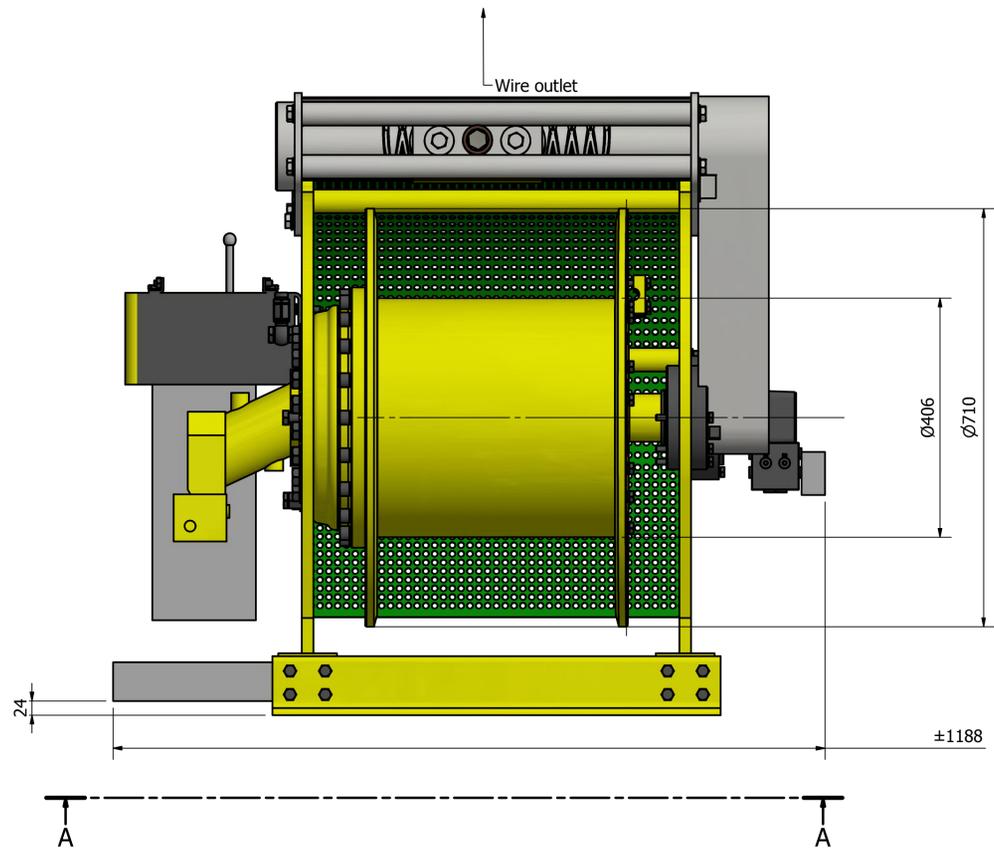
Spoleapparatet kan justeres i flere vinkler for å tilpasse operasjonen til kunden.

Vinsjen kan også komme med sveiseramme som kan sveises direkte til dekk.

Vinsjen kan leveres med:

- CE Market iht maskindirektivet
- Produsert iht DNV for Lifting and offshore operations
- Kan leveres med automatisk spole apparat.
- Leveres med godkjent løfteskrev.



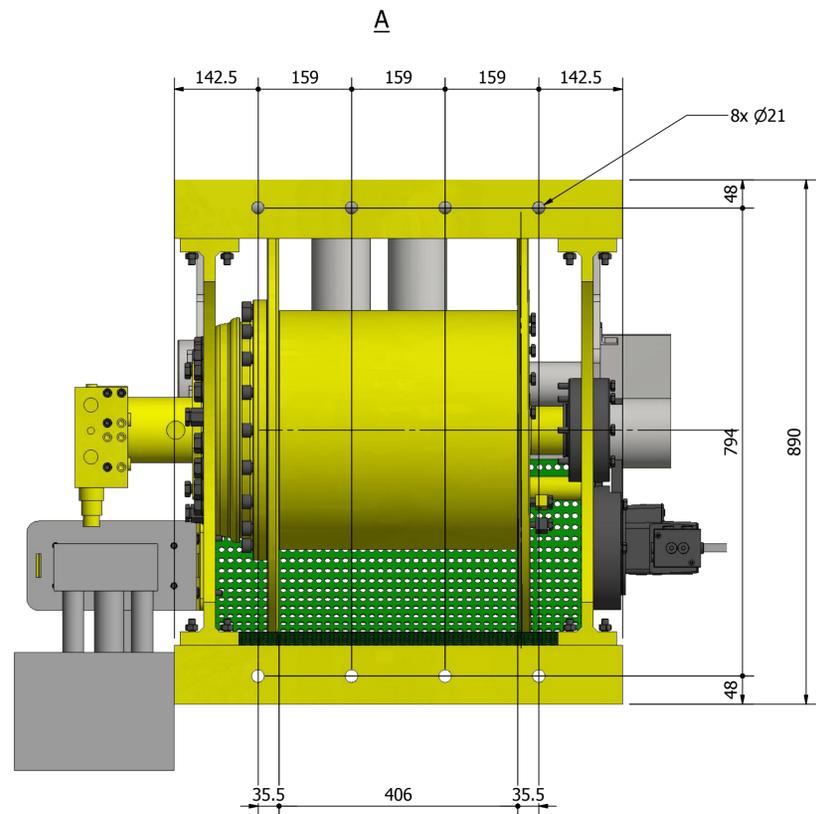


SWL 5 tons on top layer.

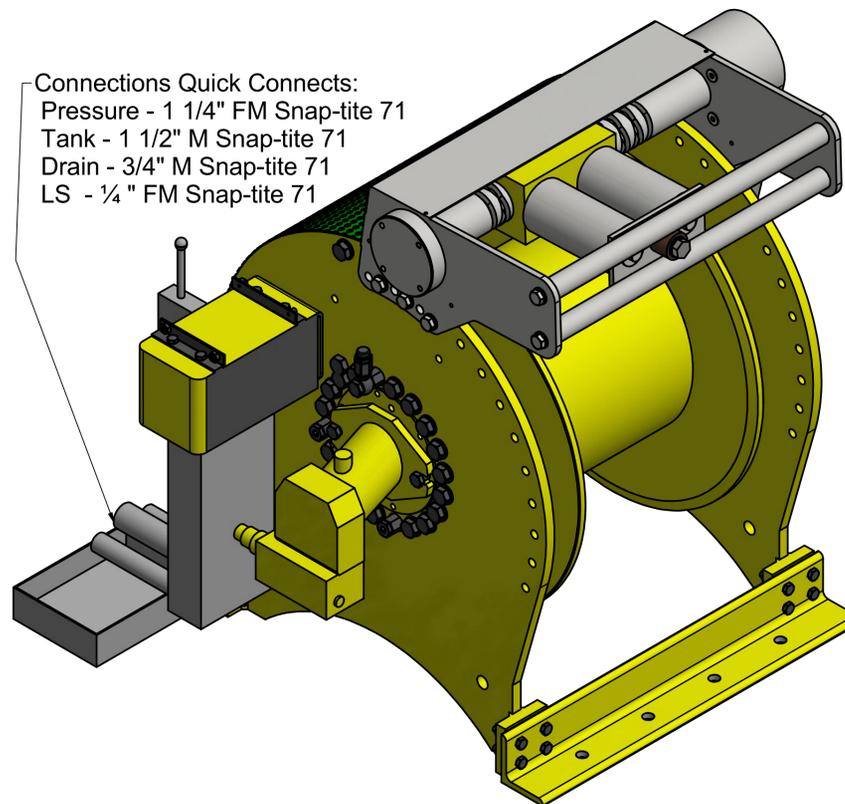
Max pressure - 205 bar.
Max flow - 152 l/min.
Oil VG 32 (32 cSt - 42 °C).

Capacity 220 m Ø19 mm wire.
Weight 700 kg with out wire.
Fasteners: 8 x M16, 8.8 bolts. Torque 197 n/m.

Wire guiding for 0-90° wire out direction
in horizontal plane, fleet angle 5°.



Connections Quick Connects:
Pressure - 1 1/4" FM Snap-tite 71
Tank - 1 1/2" M Snap-tite 71
Drain - 3/4" M Snap-tite 71
LS - 1/4" FM Snap-tite 71



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REV	DATE	REASON FOR ISSUE	DESIGNER	CHECKED BY	APPROVED
P.O. NUMBER		PACKAGE TITLE			
TAG No.					
SUPPLIER DOC. NUMBER		HV-5 GA			
DRAWING TITLE: Hydraulic Winch BWC - 050					
PROJECT NAME:					
RENTAL NR:		5387		ITEM NR: 10220050	
DRAWING No.			A1	1 OF 1	01
Scale			Size	Sheet No.	Rev

MECHANICAL DATA SHEET FOR BWC/050

1 General

1.1	Type of equipment	Hydraulic Driven Winch SWL 5T
1.2	Owner	Kolos Lifting AS, Skvadronveien 29, 4050 SOLA
1.3	Supplier	Kolos Lifting AS, Skvadronveien 29, 4050 SOLA
1.4	Manufacturer	Brevini Nederland B.V., Röntgenweg 24, 2408 AB Alphen
1.5	Model number	BWC/050/3/C.F./H1CR75VM2BWC/050/C.F./H1CR75VM2
1.6	Number ea.	1
1.7	Year of manufacture	2011
1.8	Codes	Maskinforskriften 2009-05-20-544 Machinery Directive 2006/42/EC ATEX Directive 94/9/EC EN 13001 EN14492-1
1.9	NORSOK type	U99
1.10	Manning	Normally unmanned
1.11	Certificates	ILO Form 2
1.12	Ambient conditions Temperature Atmosphere Inertia Hazardous area	-20 to + 30 °C Offshore, saliferous, 100% humidity +/- 0.1 g horizontal, any direction, +/- 0.2 g vertical Zone 2
1.13	Design capacity	5T on 7 th layer
1.14	Lifting speed	31,5m/min on 1. Layer, 47m/min on 7 th layer
1.15	Classification of machinery	M5

2 Hydraulic

2.1	Drive system Motor Brake Gear	H1CR075VM2 75cc Hydraulic integrated 624Nm PWD3300/CF-AP/73,2/A.D.646
2.2	Oil supply Pressure bar Flow l/min	Max 205 Max 152
2.3	Power demand kW	Max 62
2.4	Oil type	Mineral oil with high viscosity index and with high pressure- and anti fouling –additives. VG 32 (32 cSt @42 °C)

3 Mechanical

3.1	Wire rope Ø mm	19
3.2	Drum Barrel Ø mm Length mm Flange Ø mm Storage capacity m Number of layers	406 406 710 220 7
3.3	Connections Main P Tank T Casing Drain D LS LS	Quick Connects 1 1/4" FM Snap-tite 71 1 1/2" M Snap-tite 71 3/4" M Snap-tite 71 1/4" FM Snap-tite 71



MECHANICAL DATA SHEET FOR BWC/050

3.4	Size	LxWxH mm	1188x1088x909
3.5	Weight		
	Net	kg	700 kg (incl. spooling device)
	Tara	kg	
	Max Gross	kg	
3.6	Fasteners		8x M16 8.8
3.7	Lifting arrangement		Lifting lugs
3.8	Misc. equipment		
	Wire guiding		Automatic geared, adjustable for 0-90° wire-out direction with the horizontal plane, max allowable fleet angle is 5°