

Digital support

WEBBEN , APPAR OCH PROGRAMVAROR

Mycket hjälp och support får du av de webbtjänster, appar och programvaror som vi ständigt utvecklar och uppdaterar för att göra installations- och underhållsarbetet smidigt och enkelt. Samtidigt har du alltid tillgång till vår personliga support som ger dig kompetent och snabb service.

Power Unit - Selection

Power Unit - Selection - Hydroelitte

Jack	Power Unit	Mechanical Valve	Hydroelitte Veni	Hydroelitte Vidi	Unit
Jack	1x COA 4PK	180x7.5	160x7.5	160x7.5	bar
Static Pressure	Min - Max	15 - 36	12 - 45	12 - 45	bar
Static Pressure Min	P _{st.min}	16.3	20.5	20.5	bar
Max Empty Car Pressure	P _{st.min.max}	18.7	21.6	20.9	bar
Static Pressure Max	P _{st.max}	35.6	44.9	44.9	bar
Heat dissipation to hoistway	POAH $\Delta T=40\text{ }^\circ\text{C}$	896	802	802	W

Power Unit	Mechanical Valve	Hydroelitte Veni	Hydroelitte Vidi	Unit	
Power Unit	430	330	210 (328)	l/min	
Pump (Flow 70Hz)	36.8	29	18.5	kW	
Motor Power	-	-	15	kW	
Frequency Inverter	PFO	126 ¹⁾	44 ³⁾	A	
Starting Current	IMA _{peak}	80	29	A	
Nominal Current	IMN	99	40	A	
Max Current at 40% ED	IMM _{max}	80	35	A	
Main Fuse	FUS	440	63	l	
Tank Size	VAG	0.56	0.55	0.54 ⁴⁾ 0.39 ⁵⁾	m/s
Speed Up	VKN _{up}	0.56	0.55	0.55	m/s
Speed Down	VKN _{down}	16.5	11.4	11.4 ⁴⁾ 12.6 ⁵⁾	s
Travel Time floor to floor	TQD _{average}	31.5	26.4	26.4	s
Travel Time	TQT _{average}	114	137	137	1/h
Trips per Hour average travels	ZKH _{max}	34	82	96	1/h
Trips per Hour without cooler	ZKH _{max}	928	1024	928	W
Heat dissipation to machineroom	POW $\Delta T=40\text{ }^\circ\text{C}$	928	5227	4236	kWh
Energy Consumption 100000 trips per year	E _{tot}	2"	1.5"	1.5"	
Hose Dimension Min	dh _{LOH=6 m}	2"	1.5"	1.5"	

▶ Power Unit


Power unit with larger tank	Mechanical Valve	Hydroelitte Veni	Hydroelitte Vidi	Unit	
Power unit with larger tank	700	700	475	l	
Tank Size	VAG	46	112	121	1/h
Trips per Hour without cooler	ZKH _{max}	1280	1312	1088	W
Heat dissipation to machine room	POW $\Delta T=40\text{ }^\circ\text{C}$				

▶ Power unit with larger tank

Data	Value	New
Lift	2:1	
Lift system	COA 4PK	
Jack type	1	mm
Number of jacks	5500	
Travel height	3 / 3	m/s
Number of floors / Landing doors	0.55	m/s
Rated speed	0	kg
Max down speed	2500	kg
Load	2000	V

Hydroelitte Veni = Oil-drained motor, Hydroelitte Vidi = Air-cooled motor
 1) Soft Starter, 2) Star/Delta, 3) VVVF Frequency Inverter
 4) Up to 25% Load, 5) At 100% Load

Back Print

Power Unit  V1346a

Digital support

HydCalc

I HydCalc får du en specifikation på anläggningen genom att ange grundläggande hissdata.

Power Unit - Calculation VIDI V1340a

Lift system: 2:1

Installation: New Existing

Jack type: COA 4PK

Allow guide yoke: Yes No

Number of jacks: 1

Travel height: 10300 mm

Number of floors: 3

Number of landing doors: 3

Rated speed: 0.4 m/s

Max. down speed: 0 m/s

Rated load: 500 kg

Weight of car and sling: 760 kg


Supply voltage: 400 V

Power unit type: MR MRL MINI

Hose length: 6000 mm

Discount:

Currency: EUR



Offert/order

Digitalt offert- och orderunderlag som gör det snabbt och enkelt att begära in en offert och lägga en order.

Blue fields must be completely filled in to get an offer. Fill in remaining data if the information are available. **NOTE!**
Unanswered option question is taken as not selected.

General Data

Purchase number:

Commission number:

Lift Company:

Contact person:

Tel. Fax. E-mail:

Requested delivery date:

Site address city/country:

Site address street:

Delivery address:

Delivery Zip, City, Country:

Document language: swedish english german dutch italian

Packing type: normal seaworthy Delivery with tail lift necessary

Lift system: direct (1:1) indirect (2:1) Venti Vidi

Valve: 55 75 100 125 150 180 210 l/min

Pump (Vidi) 250 300 330 380 440 500 600

Pressures: Stat. full load: bar Empty car: bar Existing pump l/min

Rated speed: m/s

Cylinder: type: qty:

Piston diameter: cyl 1: mm cyl 2: mm

HydroApp

Felsökningsverktyg som ger dig förslag på åtgärder beroende på vilken felkod man söker på.

http://www.hydroware.se/.../hydroapp

H4 No speedsignal in downstart, or stopped during downtravel due to disappearance of speedsignal

Check out the hose or adjust the valve (see T10033 and T10015 4.6) (Check the valve by increase the down speed, menu 6.L3.2.4, and observe when Rupture valve tripped)

Check out the function by manually affect the VMD valve
VMD cannot open

Search for break in the wirings
VMD cannot open

Replace the coil if required, replace the VMD valve
VMD cannot open

Dismantle VMD under M8-screw, check for dirt
Check valve V8 near pressure relief valve not close

Check out the encoder and its rope system incl. suspension and end gear belt. Replace if required.
Fault information from encoder/control node board

WebRel

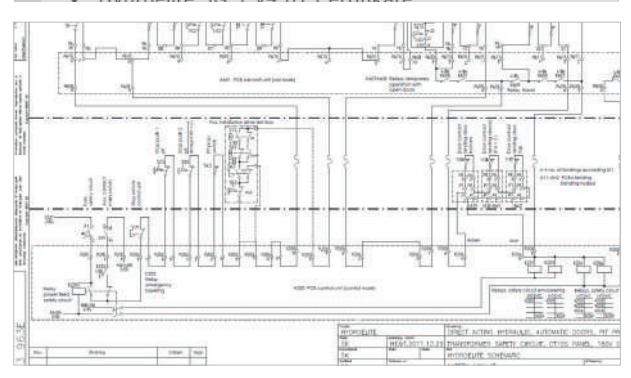
Här finns handlingar för dina anläggningar: elscheman, tabeller, ritningar, certifikat samt historik och aktiviteter.

Hydroware

Site: london

96758 - 14-18411 - Winters Court - London, UK

- Hydroelite Lift Data and Schematics
- Hydroelite Connection Tables
- Hydroelite Order Form
- Hydroelite Material Specification
- Hydroelite Logged Activities
- Hydroelite 3G-1 v4.01 Certificate



GUI-simulator

I GUI-simulaton kan du testköra anläggningen digitalt. Kan användas både för utbildning och simuleringar.

HydroeliteGUI - 1

Display: 2015-09-18 06:59
NORWAL 1 +2
IDorr Plan

Floor Secondary Side: 22 42 62

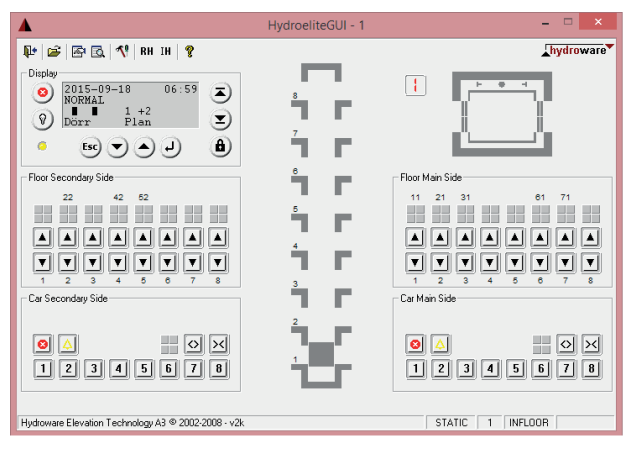
Floor Main Side: 11 21 31 61 71

Car Secondary Side: 1 2 3 4 5 6 7 8

Car Main Side: 1 2 3 4 5 6 7 8

Hydroware Elevation Technology A3 © 2002-2008 - v2k

STATIC | 1 | INFLOOR



Hydroware AB

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