

ASCØN®



Anchoring and Mooring Equipment for Super Yachts



globally available

easy to service

Why you want to buy ASCON

Perfection in design, durability and finish for the best yachts. We have strived for perfection without compromise for many years and will keep on doing this. Designing, creating, selling and servicing products that meet the highest expectations in the Superyacht Industry.

As yachts in this class tend to be used for many years and all over the world, the equipment on board must be durable, easy to service and made from parts readily available almost anywhere in the world.

Our engineering is done by an independent engineering company assisting our in-house engineers as we want to keep a good view towards the latest technology, materials and systems. As our durability is warranted by using superior components, we can easily meet all criteria of classification societies such as DNV, LROS, GL, ABS, RINA, BV and NKK.



durable





stainless steel



For our main material stainless steel is used. This material is tougher to work with, but it gives us the strength we want and the perfect finish. When ready, it really shows! This highest quality of deep shining mirror finish surpasses any other and will keep it's good looks for many years to come.

System approach for deck equipment: We supply complete systems from the anchor to the anchorwinch to the shackle in the chain compartment, to mooring capstans. Our new design in anchor winches has been made after years of research of requests and complaints of the people who install and work with this equipment.

We sincerely hope to add your yacht name to our reference list and that you too may experience our perfection.

complete systems



Service

anywhere

around the World



Sandwich beam in support for mast built by Hansen Yachts

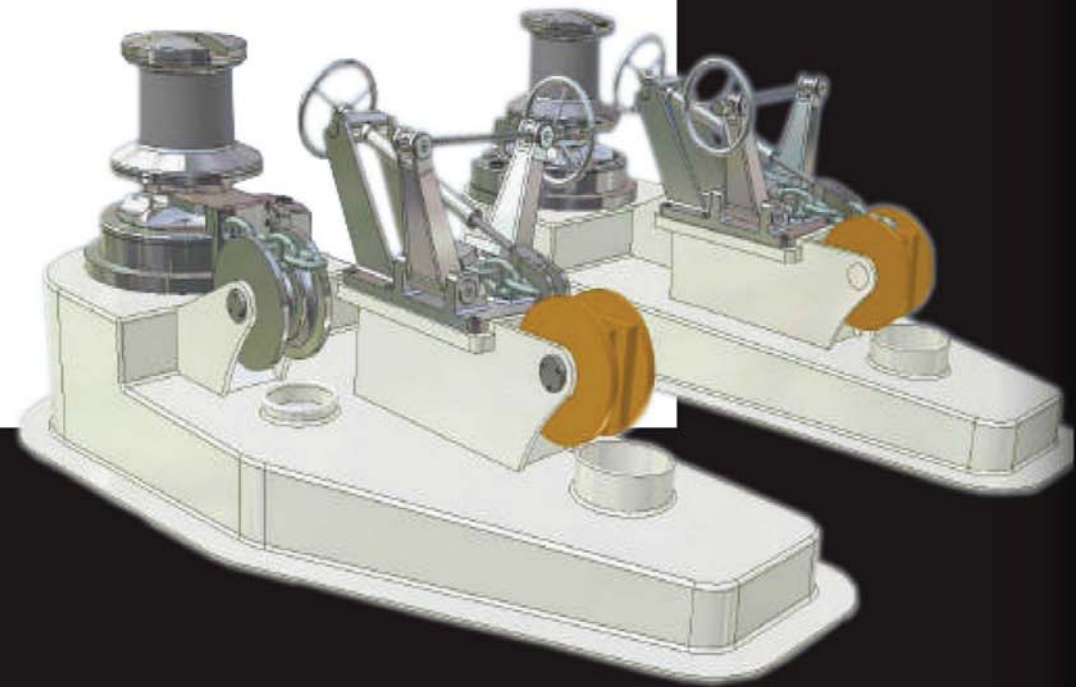
Service can be provided all over the World through our own personell but also from local agents and service stations. As smaller parts are readily available everywhere, the bigger parts may be made locally to our drawings or made by us and shipped in a timely fashion.

Complete Custom design and built anchoring equipment

Using 3D cad design provides our clients a perfect definitive view of what they are going to get before they place an order. After showing the final design for approval the client can easily see if all is as he intended to order.

Also the electrical schematics are drawn in a specialized electrical CAD program that creates perfect schematics as well as drawings of the switch boards. This all provides a perfect pre-production view, that our clients love.

As all is digitally available, manuals are not created on paper anymore but loaded as portable document files digitally on the yacht's server in order they can be viewed from every workstation.



Join our clientele



SY Gimla 43 meter built by Vitters Shipyard



complete set of two Type 3 stainless steel
anchor winches

Motor Yacht Aurora



MY Aurora 60 meters ex MY Phoenix built by Lürssen Yachts



complete stainless steel anchoring system including mooring capstans and stern anchorwinch

Motor Yacht Ice



MY Ice 90 meters built by Lürssen Yachts



6 stainless steel custom designed mooring capstans

Motor Yacht Fortunate Sun



ex MY Perfect Prescription 54 meters built by Oceanfast Australia

complete stainless steel anchoring and mooring system

Motor Yacht Capri



MY Capri 59 meters built by Lürssen Yachts



complete stainless steel anchoring and mooring system

Motor Yacht Andiamo



MY Andiamo built by Feadship Van Lent



complete custom anchor rollers stoppers and claws

Motor Yacht Blue Moon



MY Blue Moon 60 meter built by Feadship Van Lent



complete stainless steel anchoring and mooring system including rollers and stoppers for 28mm studlink chain

Motor Yacht Samadhi



ex MY April Fool built by Feadship Van Lent | complete stainless steel anchoring and mooring system including rollers and stoppers



ex MY Secret built by Feadship Van Lent | complete stainless steel anchoring and mooring system including rollers and stoppers for 26mm studlink chain

Motor Yacht Majestic

Type 3 Vertical Anchorwinch

With chain cable lifter suitable for up to 19mm studlink chain made to sample quality, and kenter shackle with a maximum breath of 1,52 x cable diameter.

Cable Lifter pull	27kN @ 10m p/min S2=30min
Warping Head pull	34kN @ 10m p/min S2=30min
Speed 1	10 m
Speed 2	20 m

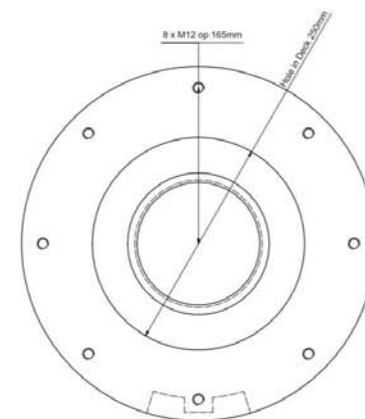
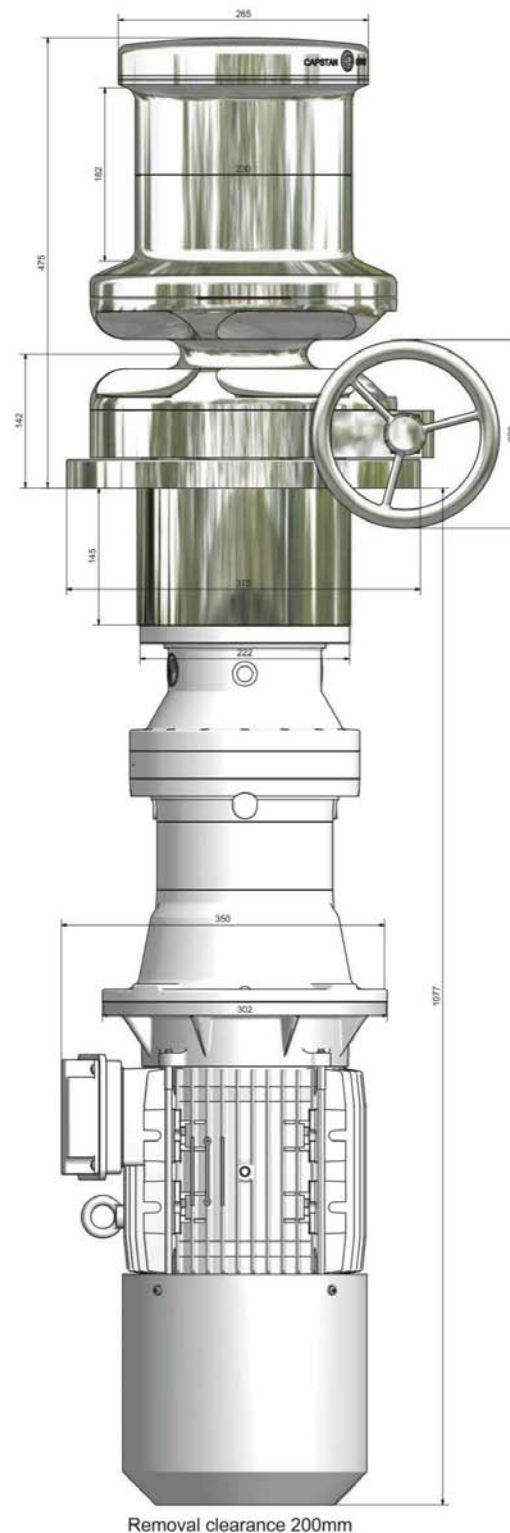
Type switching	Frequency controlled
Power Supply	400VAC50Hz
Input power kW	5,5 kW

Chain Size	
Shortlink up to	20mm
Studlink up to	19mm

Construction	Exterior parts 1.4404 AISI 316L
Cable Lifter	Stainless Steel
Clutch	Heavy Duty Dog clutch
Brake	Stainless Steel
Brake Wheel	Stainless Steel
Warping Head	Stainless Steel wxh 230mm x 182mm knurled and polished

Main Shaft	Remanit with self lubricating bearings
Lubrication	Oil bath
Gearbox	Planetary self aligning
Optional	Hydraulic drive
	Stand still heating

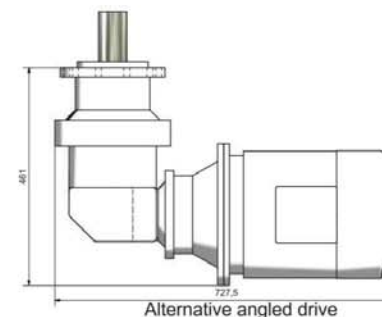
Weight	300Kg
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Mounting hole pattern



Iso View



Alternative angled drive

ALG. TOLERANTIE TENZIJ ANDERS VERMELD: MATEN: 0.2 HOEKEN: 5		TITEL: Anchorwinch Type 3 GA	
Drawing number: Anchorwinch Type 3 GA		Revision:	
Date: 4-7-2014	Projection:		
Scale: 1:1	Sheet: 1 of 1		
<small>ASCON Equipment B.V. Kortrijkseweg 1 2008-BA Oostburg The Netherlands Tel: +31 (0)16 5153000</small>			

Type 3 Vertical Capstan

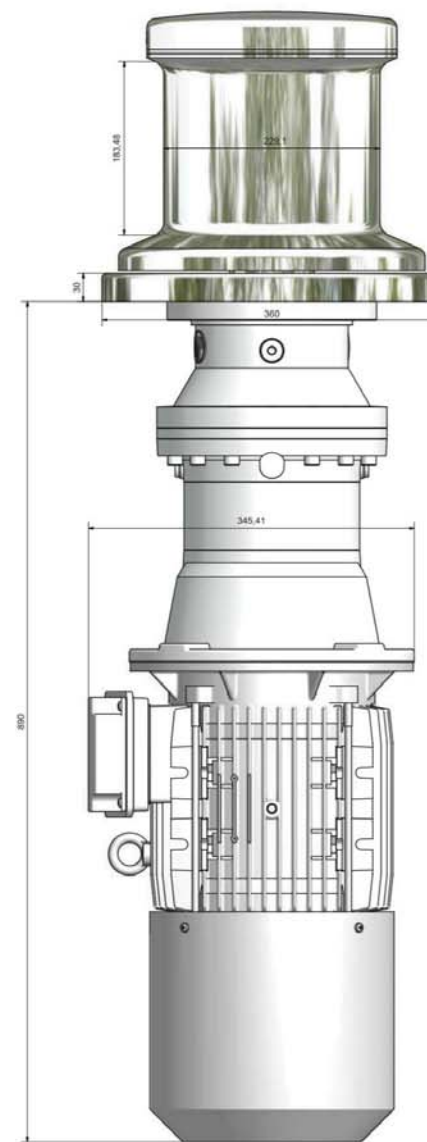
Maximum pull 28 kN
Nominal pull 15 kN

Speed 10 m

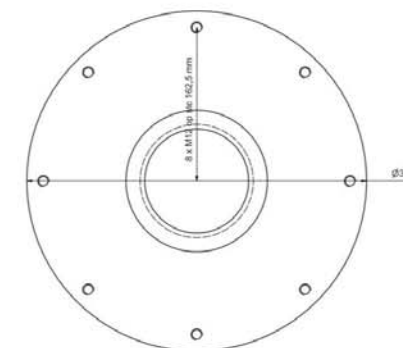
Type switching Frequency controlled
Power Supply 400VAC50Hz
Input power kW 4 kW

Construction Exterior parts 1.4404 AISI 316L
Warping Head Stainless Steel wxh 230mm x 182mm
knurled and polished

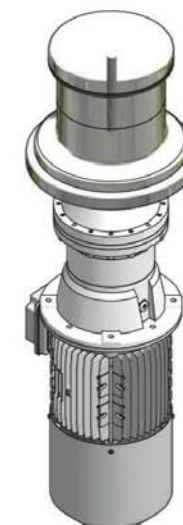
Lubrication Oil bath
Gearbox Planetary self aligning
Optional Hydraulic drive
Stand still heating



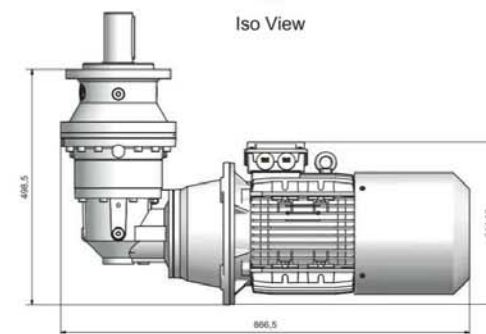
Removal clearance 200mm



Mounting hole pattern



Iso View



Alternative angled drive

ALG. TOLERANTIE TENZIJ ANDERS VERMELD: MATEN ± 0.2 PROEKEN ± 1		TITEL: Capstan type 3 2000kg	
Draaiingsymbool: C3 GA assy		ASCON	
Date: 29-4-2014		ASCON Equipment B.V.	
Ontwerp: AD		Tegengewicht: 1	
Formaat: A1		Schalen: 1	
Lijst: 1		Bladen: 1	
Blad: 1 of 1		Tel: +31 (0)20 115 2000	

Type 4 Vertical Anchorwinch

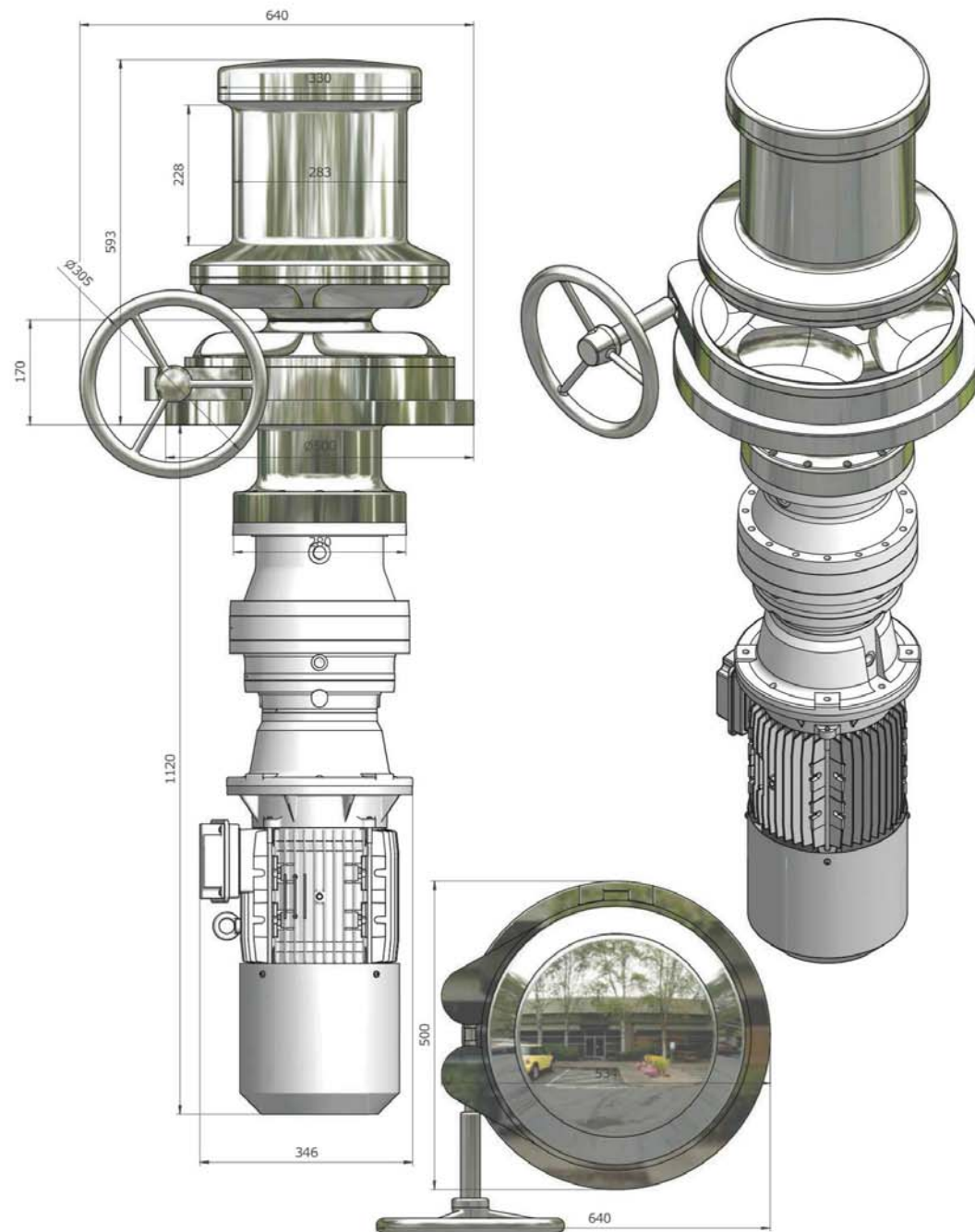
With chain cable lifter suitable for up to 24mm studlink chain made to sample quality, and kenter shackle with a maximum breath of 1,52 x cable diameter.

Cable Lifter pull 51kN @ 10m p/min S2=30min
Warping Head pull 50kN @ 10m p/min S2=30min
Speed 1 10 m
Speed 2 20 m

Type switching Frequency controlled
Power Supply 400VAC50Hz
Input power kW 9,2 kW

Chain Size up to:24mm
Studlink

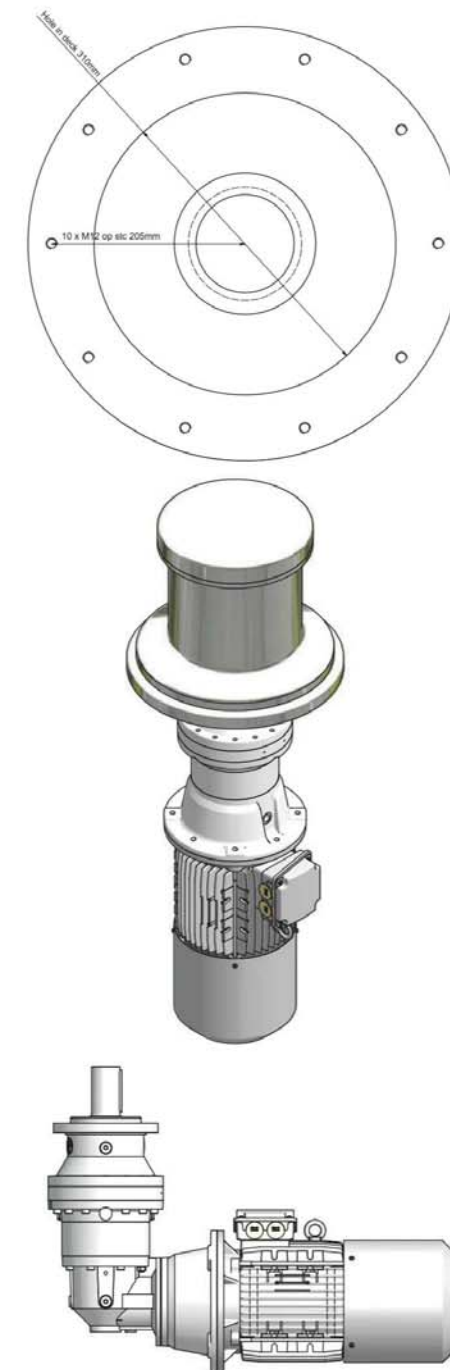
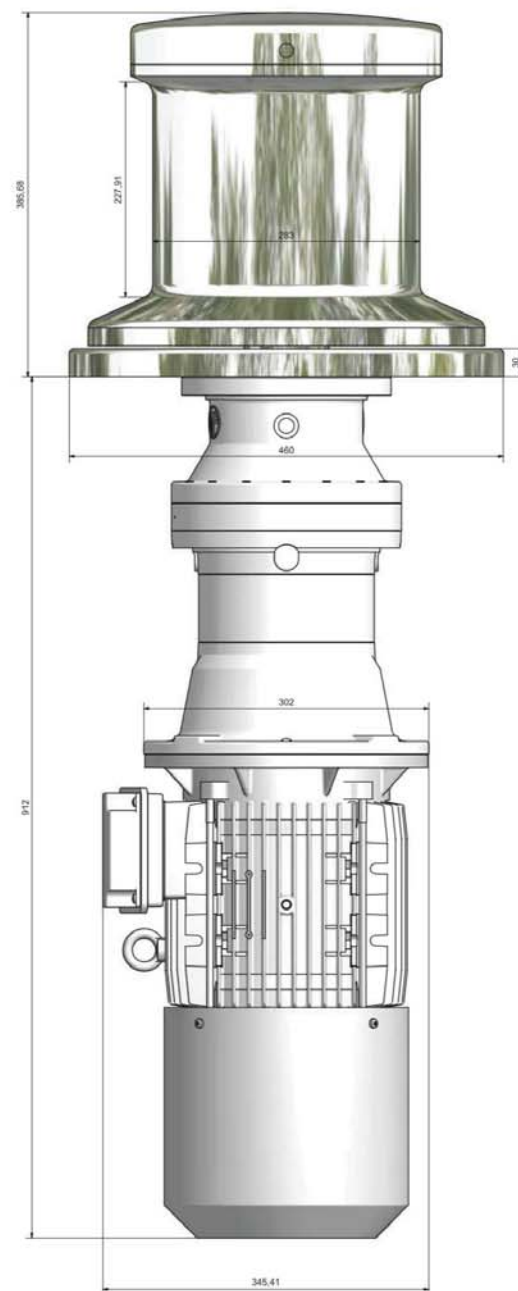
Construction Exterior parts 1.4404 AISI 316L
Cable Lifter Stainless Steel
Clutch Heavy Duty Dog clutch
Brake Stainless Steel
Brake Wheel Stainless Steel
Warping Head Stainless Steel wxh 283mm x 228mm knurled and polished
Main Shaft Remanit with self lubricating bearings
Lubrication Oil bath
Gearbox Planetary self aligning
Optional Hydraulic drive
Stand still heating



ALG. TOLERANTIE TENZIJ ANDERS VERMELD: MATEN ± 0.2 HOEKEN ± 1°			
Drawingnumber: Vertical Anchor Capstan Type 4		Title: For 24mm studlink chain U3 grade	
Material:			
Date: 16-5-2014	Projection		
Designer: AD			
Format: A2	Scale: 1:5	Units: mm	Version: sheet 1 of 1
		ASCON Equipment B.V. Kammerlingh 3 1378BA Almere The Netherlands Tel. +31 (0)36 5352606	
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Type 4 Vertical Capstan

Maximum pull	46 kN
Nominal pull	30 kN
Speed	10 m
Type switching	frequency controlled
Power Supply	400VAC50Hz
Input power kW	5.5 kW
Construction	Exterior parts 1.4404 AISI 316L
Warping Head	Stainless Steel wxh 283mm x 228mm knurled and polished
Lubrication	Oil bath
Gearbox	Planetary self aligning
Optional	Hydraulic drive Stand still heating



ALG. TOLKANTIZ TENEZİ ANDERS VERMELDİ: HATIN : 0.2 HÖKEM : 2		TITRE: C4 Capstan 3000Kg	
Düzenleyen: C4 Capstan Assy GA 20140430			
Tarih: 1-3-2014		Resimleyen:	
Çizimci: AD		ASCON	
Formel: A1	Scale: 1/1	Version: 01	Sheet: 1 of 1

ASCON Equipment B.V.
Kortrijkseweg 1
4201 BR Breda
The Netherlands
Tel: +31 (0)20 5753008

Type 5 Vertical Anchorwinch

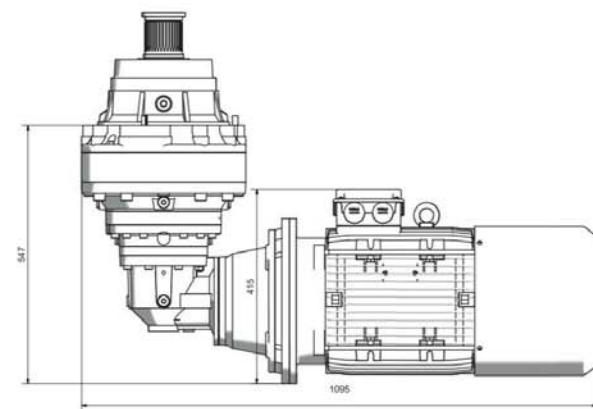
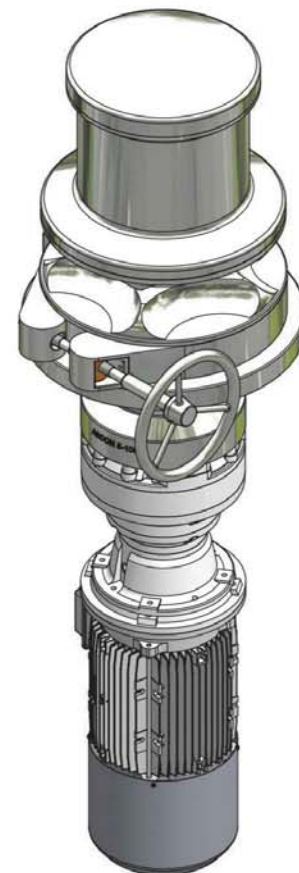
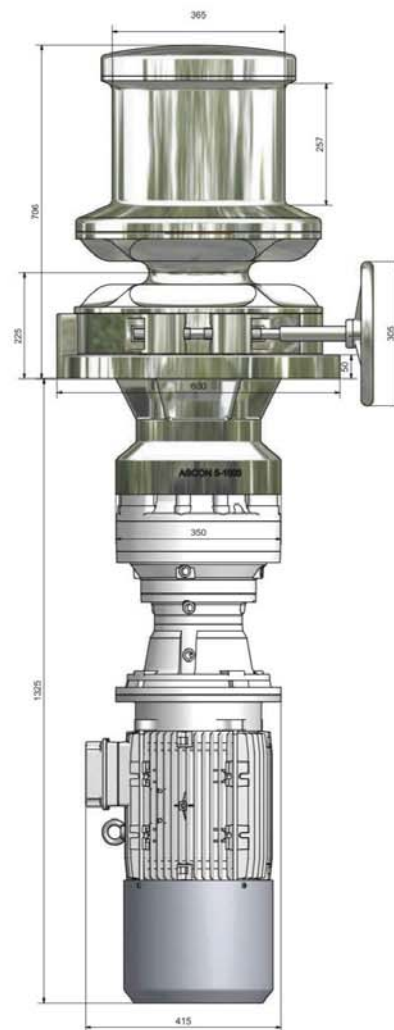
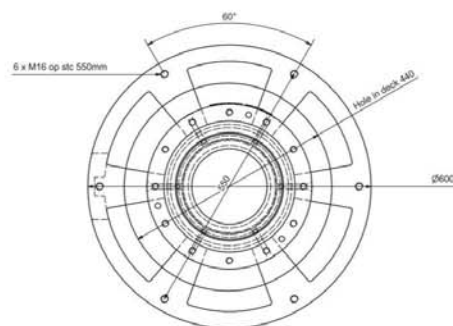
With chain cable lifter suitable for up to 30mm studlink chain made to sample quality, and kenter shackle with a maximum breath of 1,52 x cable diameter

Cable Lifter pull 57kN @ 10m p/min S2=30min
Warping Head pull 50kN @ 10m p/min S2=30min
Speed 1 10 m
Speed 2 20 m

Type switching Frequency controlled
Power Supply 400VAC50Hz
Input power kW 15 kW

Chain Size
Studlink up to 30mm

Construction Exterior parts 1.4404 AISI 316L
Cable Lifter Stainless Steel
Clutch Heavy Duty Dog clutch
Brake Stainless Steel
Brake Wheel Stainless Steel
Warping Head Stainless Steel wxh 365mm x 257mm knurled and polished
Main Shaft Remanit with self lubricating bearings
Lubrication Oil bath
Gearbox Planetary self aligning
Optional Hydraulic drive
Stand still heating

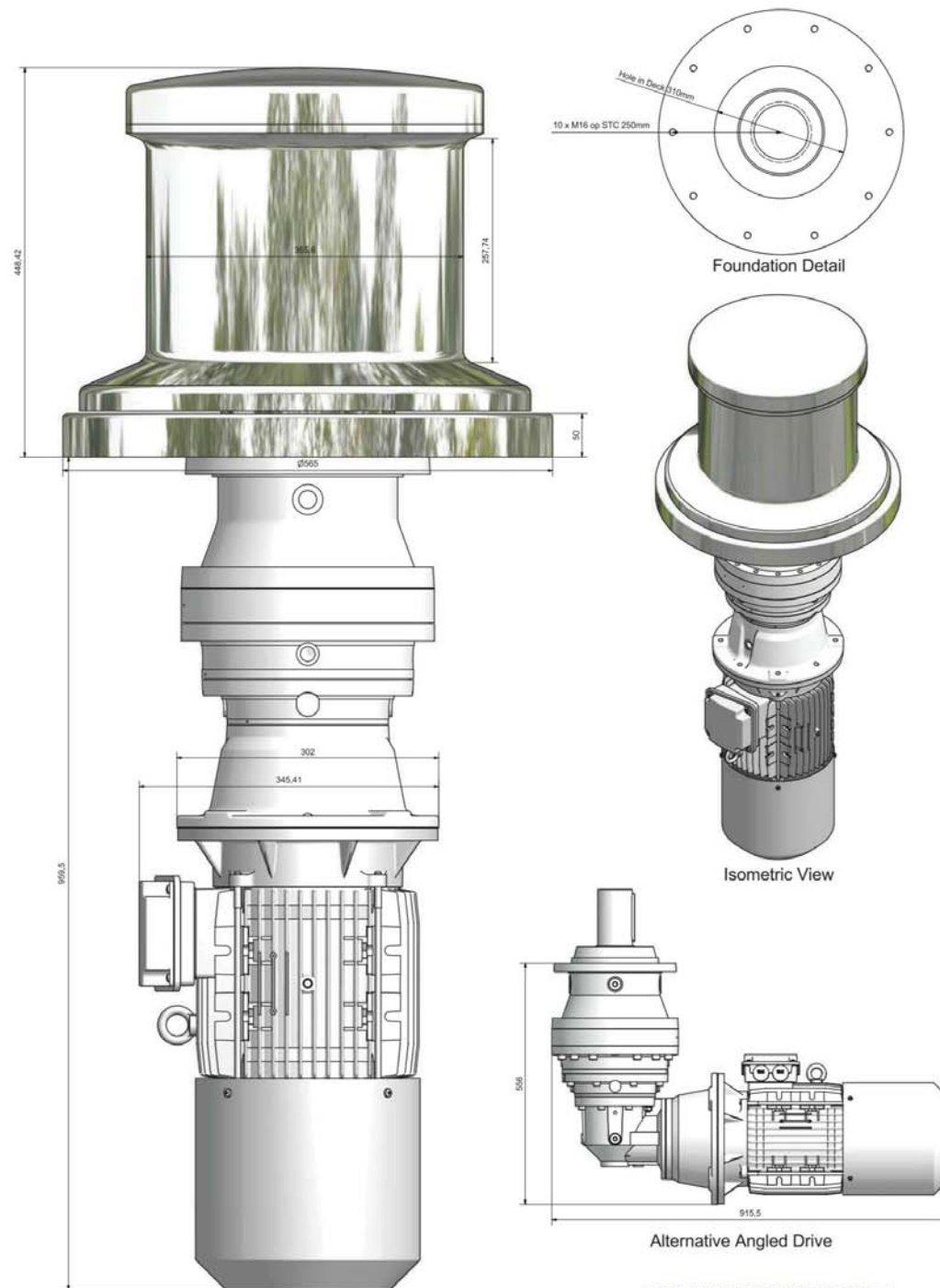


Alternative Angled Drive

ALG. TOLERANTIE TENZIJ ANDERS VERMELD: MATER: 0.2 HOKKEN: 1		Title: GA Anchorwinch Type 5	
Drawing number: Anchorwinch assembly		Revision: 1	
Date: 11-6-2014	Project: 11-6-2014	ASCON	
Author: A. Dijkstra	Unit: 1	ASCON Equipment B.V. Postbus 1 2200 AA Leidschendam Tel: +31 (0)20 150 0000	
Form: A1	Scale: 1:1	Sheet 1 of 1	

Type 5 Vertical Capstan

Maximum pull	60 kN
Nominal pull	40 kN
Speed	10 m
Type switching	Frequency controlled
Power Supply	400VAC50Hz
Input power kW	7.5 kW
Construction	Exterior parts 1.4404 AISI 316L
Warping Head	Stainless Steel wxh 365mm x 258mm knurled and polished
Lubrication	Oil bath
Gearbox	Planetary self aligning
Optional	Hydraulic drive Stand still heating



Removal Clearance 200mm

ALL TOLERANCES UNLESS OTHERWISE SPECIFIED: MATEN - 0.2 HOEKEN - 1°		Title: CS Capstan 4000Kg	
Drawing number: CS Capstan Assy GA 20140430		Revision:	
Date: 1-3-2014	Project:		
Author: A. Dijkster	Check:		
Form: AI	Scale: 1:1		
Sheet 1 of 1		ASCOR Equipment B.V. Postbus 1 1100 AA Amsterdam Tel: +31 (0)20 1515000	

Type 6 Vertical Anchorwinch

With chain cable lifter suitable for up to 36mm studlink chain made to sample quality, and kenter shackle with a maximum breath of 1,52 x cable diameter.

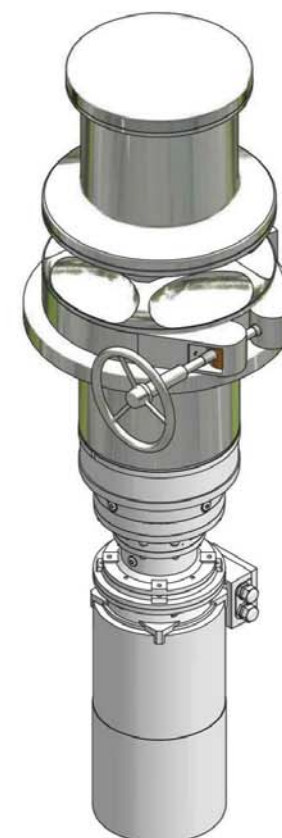
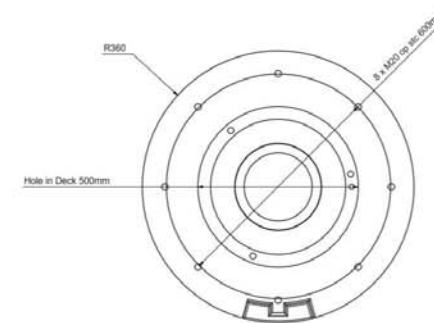
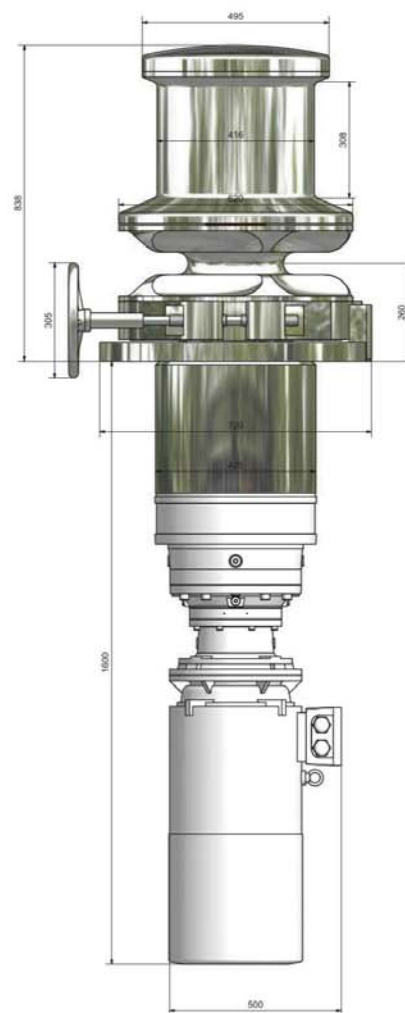
Cable Lifter pull 89kN @ 10m p/min S2-30min
Warping Head pull 50kN @ 10m p/min S2-30min
Speed 1 10 m
Speed 2 20 m

Type switching Frequency controlled
Power Supply 400VAC50Hz
Input power kW 22 kW

Chain Size Studlink up to 36mm

Construction Exterior parts 1.4404 AISI 316L
Cable Lifter Stainless Steel
Clutch Heavy Duty Dog clutch
Brake Stainless Steel
Brake Wheel Stainless Steel
Warping Head Stainless Steel wxh 416mm x 308mm knurled and polished

Main Shaft Remanit with self lubricating bearings
Lubrication Oil bath
Gearbox Planetary self aligning
Optional Hydraulic drive
Stand still heating

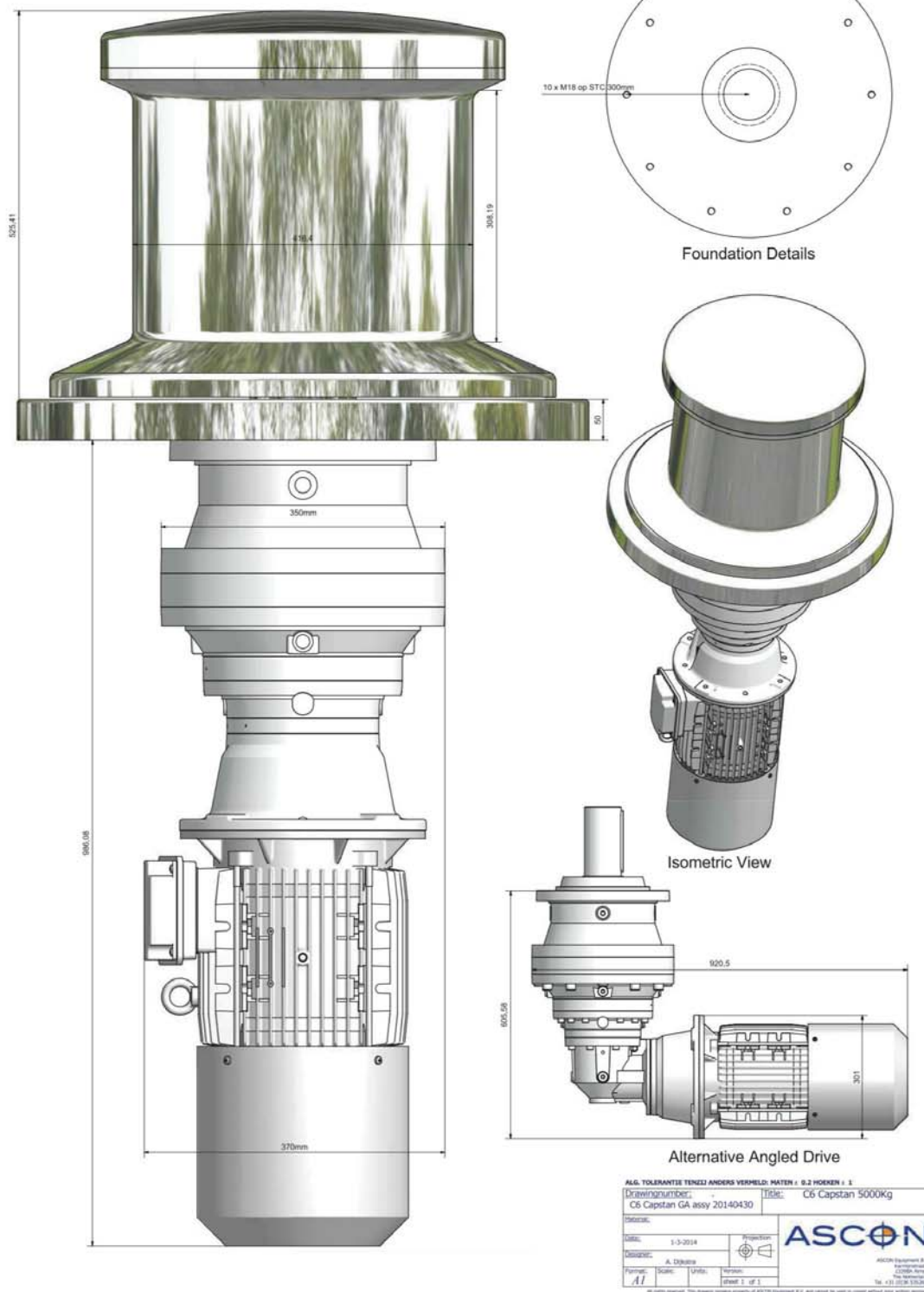


Chain Path Diameters:
32mm studlink 416mm
34mm studlink 442mm
36mm studlink 468mm

ALG. TOLKANTIE TENEZ ANDERS VERHELD: MATEN : 0.2 HOEKEN : 1'		Title: Type 6 Anchorwinch GA	
Drawing number: Type 6 Anchorwinch GA		Revision	
Date: 2-7-2014	Scale: A1	Unit: mm	Version: 01
ASCON Equipment & V.		ASCON Equipment & V.	
L. J. M. van der Vliet		L. J. M. van der Vliet	
Tel. +31 (0) 20 575 0000		Tel. +31 (0) 20 575 0000	

Type 6 Vertical Capstan

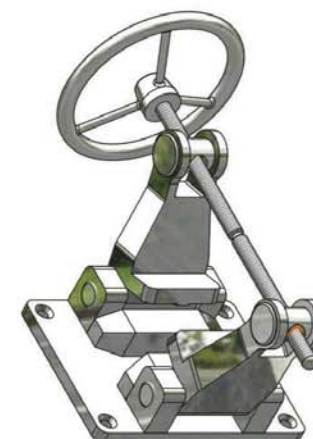
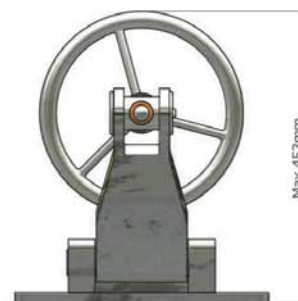
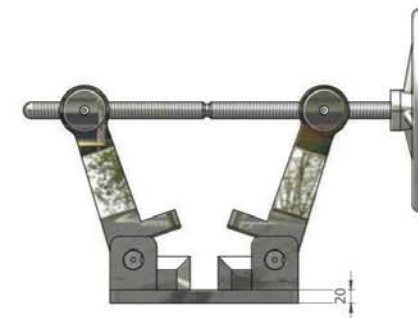
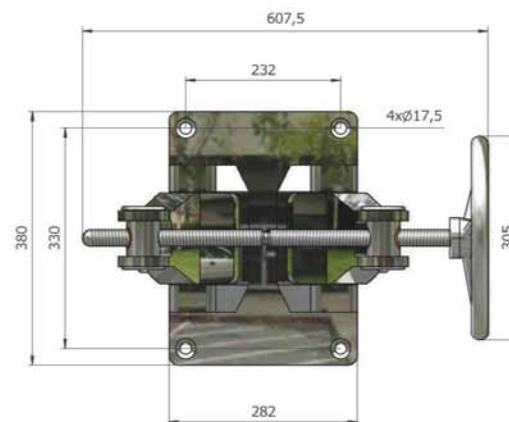
Maximum pull	83 kN
Nominal pull	50 kN
Speed	10 m
Type switching	Frequency controlled
Power Supply	400VAC50Hz
Input power kW	9.2 kW
Construction	Exterior parts 1.4404 AISI 316L
Warping Head	Stainless Steel wxh 416mm x 308mm knurled and polished
Lubrication	Oil bath
Gearbox	Planetary self aligning
Optional	Hydraulic drive Stand still heating



Type 4 Chain Compressor

Maximum Chain size 26mm studlink chain
26mm shortlink chain

Construction Stainless steel
Finish Polished or glass beat



ALG. TOLERANTIE TENZIJ ANDERS VERMELD: MATEN \pm 0.2 HOEKEN \pm 1'

Drawingnumber:		Title:	
Short compressor Type 4			
Material:			
Date:	1-4-2014	Projection	
Designer:	Gebruiker		
Format:	A2		
Scale:	1:1	Units:	mm
Version:	sheet 1 of 1		



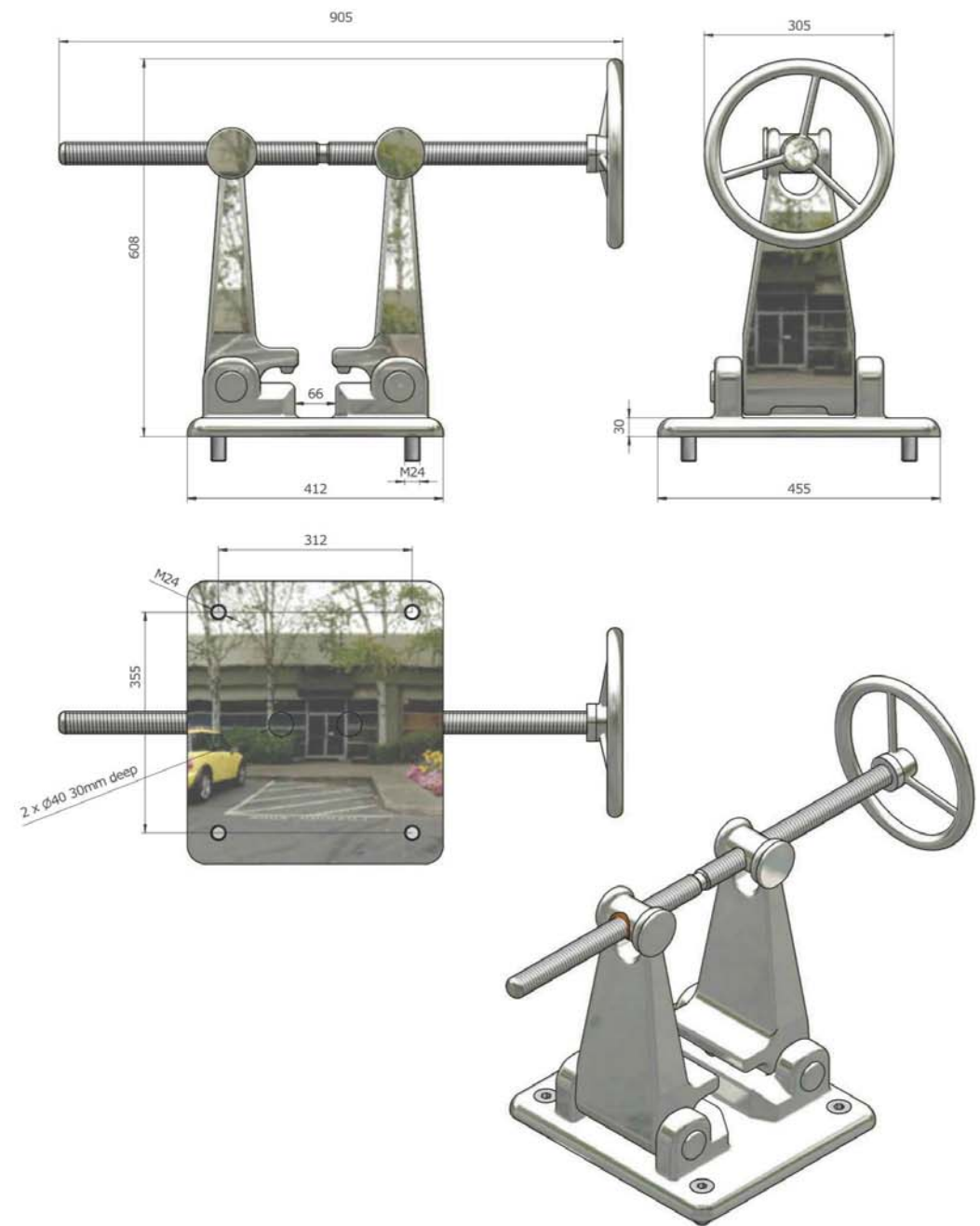
ASCION Equipment B.V.
Kampvlietstraat 3
1370BA Almere
The Netherlands
Tel. +31 (0)36 5352006

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Type 5 Chain Compressor

Maximum Chain size 38mm studlink chain
38mm shortlink chain

Construction Stainless steel
Finish Polished or glass beat



ALG. TOLERANTIE TENZIJ ANDERS VERMELD: MATEN \pm 0.2 HOEKEN \pm 1°

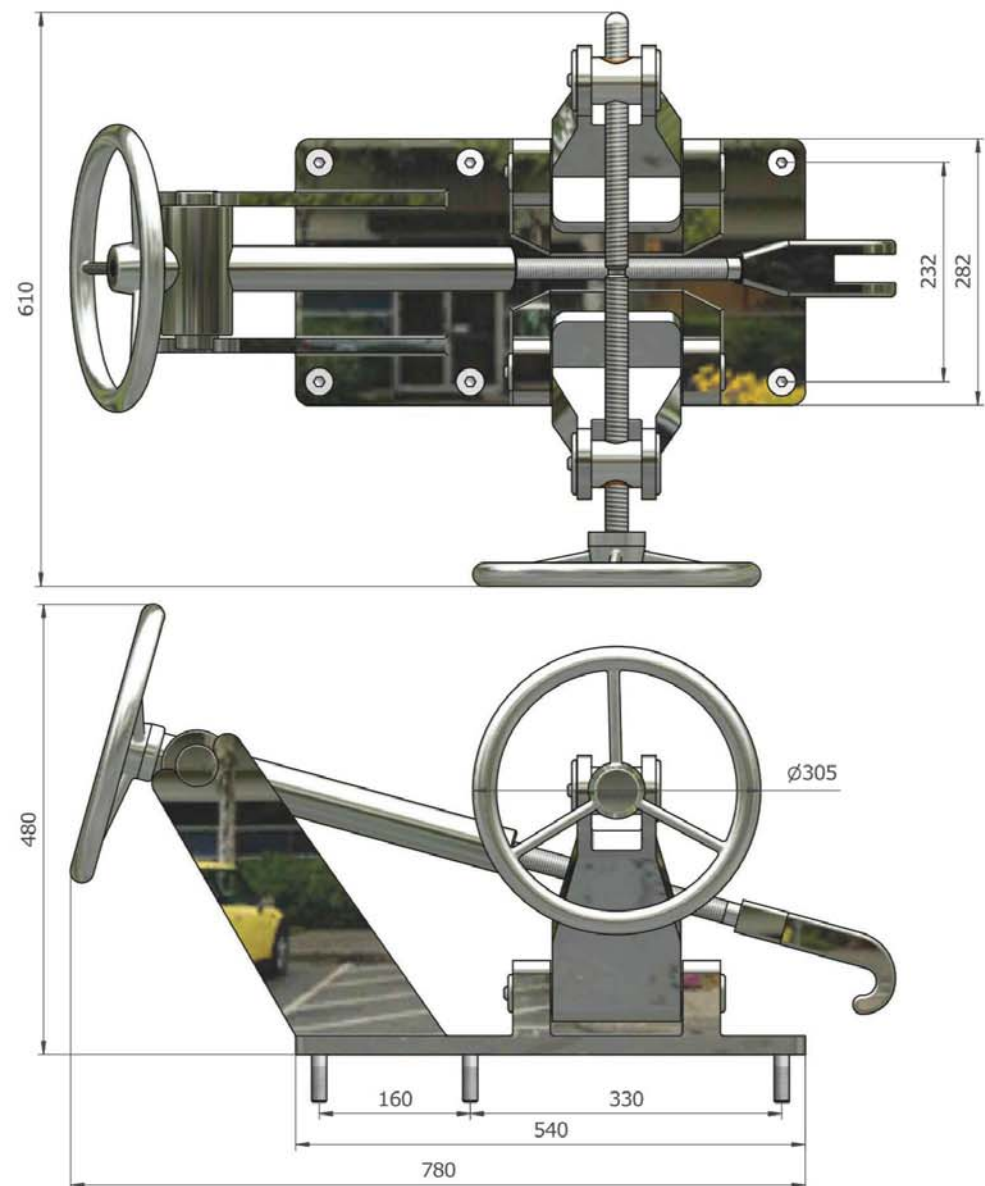
Drawingnumber: Chain Compressor Type 5 GA		Title: Chain Compressor Type 5	
Material:		 <p>ASCON Equipment B.V. Kornijnsdijk 3 1336BA Almere The Netherlands Tel. +31 (0)36 5356006</p>	
Date:	3-7-2014		
Designer:	AD		
Format:	A2	Scale:	1:1
Units:	mm	Version:	sheet 1 of 1

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Type 4 combined Chain Compressor & Devil's Claw

Maximum Chain size 38mm studlink chain
38mm shortlink chain

Construction Stainless steel
Finish Polished or glass beat

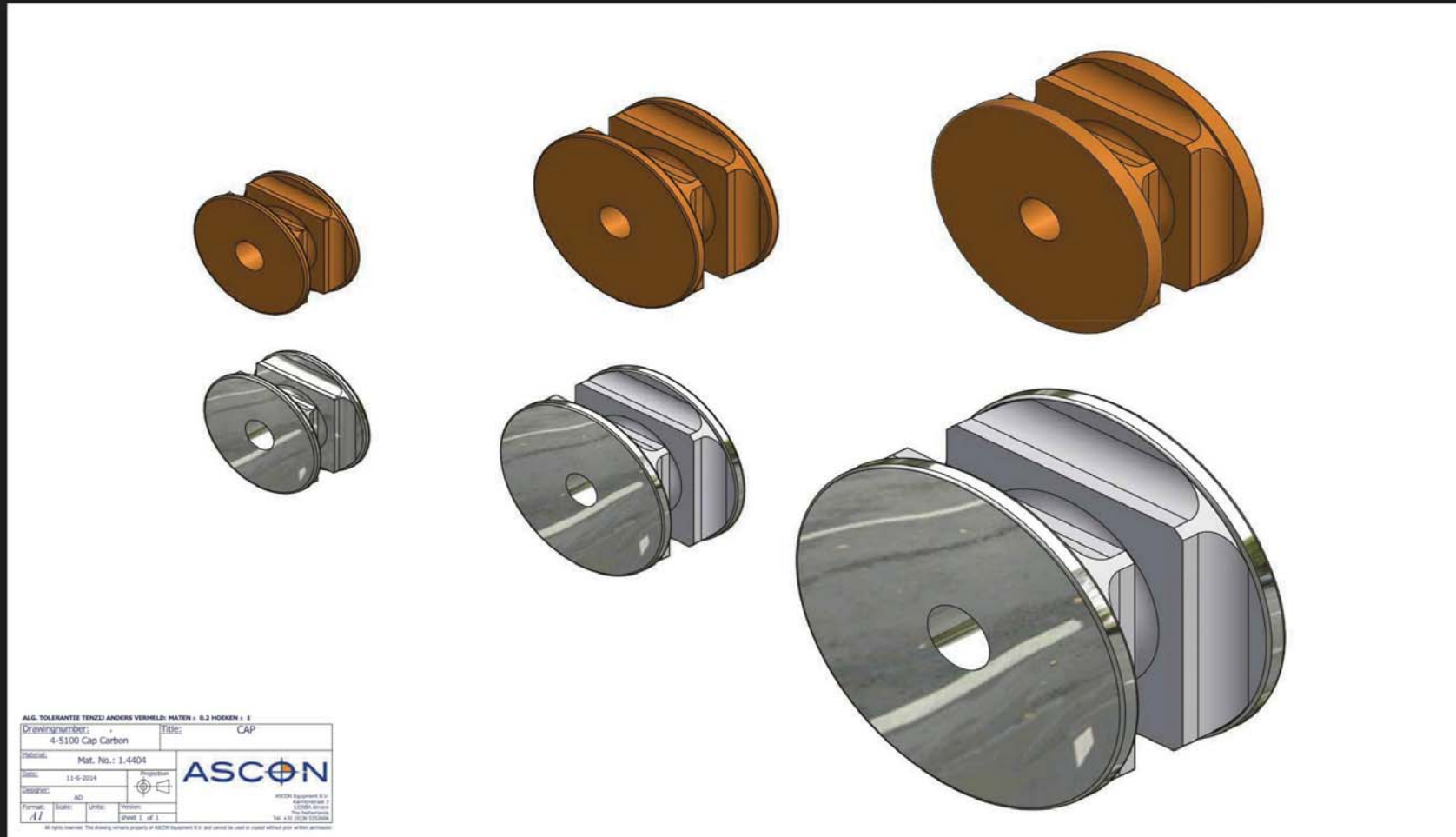


ALG. TOLERANTIE TENZIJ ANDERS VERMELD: MATEN ± 0.2 HOEKEN ± 1°

Drawingnumber: 95.CPR4.0000+DEVILSCLAW		Title Compressor Type 4 with Claw holder	
Material:			
Date:	11-6-2014		
Designer:	AD		
Format:	A3	Scale:	1:5
Units:	mm	Version:	sheet 1 of 1

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Square Rollers from 17,5mm up to 65mm studlink chain
In either Bronze or Stainless Steel





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