

NOS



Load cells & water bags
Dynamometre & vandsække



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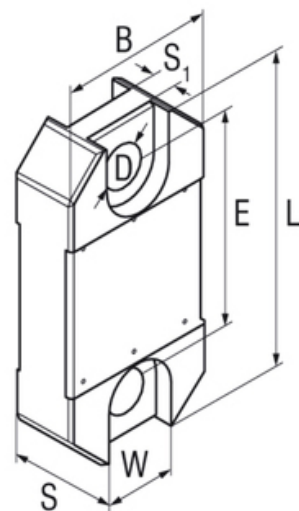
Load cell

- Handset option
- With cable as an option



Dynamometer

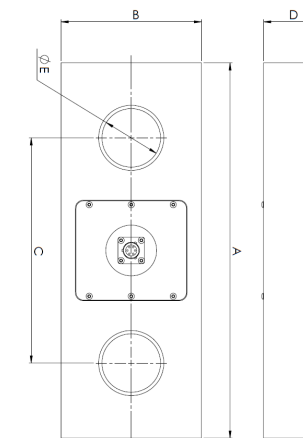
- Håndsæt er ekstraudstyr
- Kan fåes med kabel



Rated load	5 to 100 ton
Proof load	200% of rated load up to 25 tonne x 1,22+ 20 above 25 tonne
Safety factor	5:1
Zero balance	< +/- 0,05%
Bridge resistance	700 ohm
Insulation resistance	10G Ohm @ 100v
Accuracy	< +/- 0,2%*
Non-repeatability	< +/- 0,05%
Operating temperature	-20 to +60 °C
Compensated temperature	0 to +60 °C
Environmental protection	IP66
Output (optional)	RS232
Telemetry output (optional)	433MHz

Art. No.	WLL ton	Dimensions - mm					Shackle size ton	Approx. weight kg
		L	S	B	E	D		
12 01 0001	5	249	43	101	165	38	6.5	2.0
12 01 0002	12	305	47	101	193	47,5	12	3.2
12 01 0003	25	340	60	115	215	55	25	5
12 01 0004	35	393	75	126	225	60	35	8,6
12 01 0005	55	424	75	163	230	76	55	11,5
12 01 0006	75	470	75	202	260	76	75	16
12 01 0007	100	608	99	255	320	109	100	34

Load links - remote



Dynamometer trådløs



Rated load	5 to 500 ton
Proof load	200% of rated load up to 25 tonne x 1.22+ 20 above 25 tonne
Safety factor	4:1 - 5:1
Zero balance	< +/- 0.05%
Bridge resistance	700 ohm
Insulation resistance	10G Ohm @ 100v
Accuracy	< +/- 0.1%*
Non-repeatability	< +/- 0.05%
Operating temperature	-20 to +60 °C
Compensated temperature	0 to +60 °C
Environmental protection	IP66
Output (optional)	2.4 Ghz
Telemetry output (optional)	433MHz

Art. No.	WLL ton	Dimensions - mm					Approx. weight kg
		A	B	C	D	ØE	
12 03 0001	2	214	81	174	16	16,5	1,0
12 03 0002	5	260	109	180	25	28	2,0
12 03 0003	12	260	109	165	40	38	2,6
12 03 0004	17	320	127	204	45	44	4,0
12 03 0005	25	340	127	204	50	53	5,0
12 03 0006	35	370	149	210	50	60	6,5
12 03 0007	50	395	160	220	73	73	11,0
12 03 0008	80	465	180	250	98	86	18,0
12 03 0009	100	535	220	275	100	99	26,5
12 03 0010	120	535	240	275	100	99	29,5
12 03 0011	150	587	260	295	125	112	43,5
12 03 0012	200	658	320	320	125	128	62,0
12 03 0014	300	790	370	380	147	154	100,5
12 03 0016	400	950	500	500	175	180	200,0
12 03 0018	500	950	500	500	200	190	220,5

Other sizes available on request

Andre størrelser muligt på forespørgsel



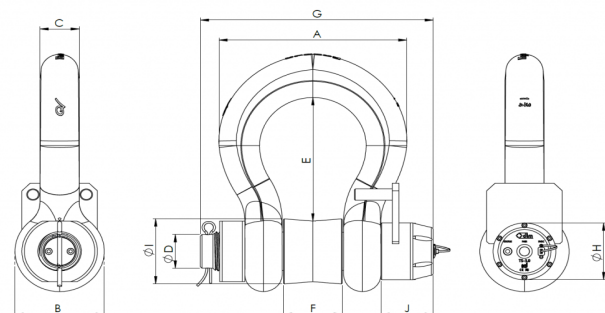
Load shackle

- Ability to transmit to multiple hand held displays
- 800m range line of sight
- Stainless steel construction



Load sjækel

- Mulighed for at transmittere til flere håndholdte displays
- 800m rækkevidde
- Rustfri stål konstruktion



Large and small running line monitor

- Fully sealed design to IP68
- For use in harsh environments
- Can be supplied with various diameter wheels
- Integrated 4-20mA amplifier
- Integral speed and distance measurement as well as tension

Stor og lille dynamisk tensionmeter

- Fuldt forseglet design til IP68
- Til brug i barske miljøer
- Kan leveres med forskellige diameter hjul
- Integreret 4-20mA forstærker
- Integreret måling af hastighed og afstand såvel som belastning



Large running line monitor

Stor dynamisk tensionmeter

Rope diameters (mm)	38	40	42	44	48	52	56	58	60
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Other sizes on request

Andre størrelser på forespørgsel

Small running line monitor

Lille dynamisk tensionmeter

Rope diameters (mm)	16	18	19	22	24	26	28	30	32	33	38	40	44	48	50
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Applications for small & large running line monitor:

- Winch load monitoring
- Towing and salvage
- PLGR
- Cable laying
- Crane load monitoring

Anvendelsesområder for lille og stor dynamisk tensionmeter:

- Belastningsovervågning
- Bugsering og bjergning
- PLGR
- Kabellægning
- Kranlastovervågning

Rated load	6,5 to 500 ton
Bridge resistance	350Ω - 1000Ω
Operating temperature	-20°C to +60°C
Display	TW-3.0 telemetry hand held
Transmission frequency	2,4 GHz
Range	Up to 800m line of sight in ambient conditions
Battery type	Internal 3,7V rechargeable Li-po battery
Battery life	350 hours continuous use (2 years non-operational)
Battery charger	Supplied with USB charger
Protection	IP67

Art. No.	WLL ton	Dimensions - mm								
		A	B	C	D	E	F	G	H	I
12 03 0001	6,5	102	75	22	22	72	36,6	175	75	53
12 03 0002	12	146	76	33	28	108	51,5	212	75	60
12 03 0003	25	224	106	47	45	163	73	277	75	86
12 03 0004	55	324	148	66	60	249	105	361	110	114
12 03 0005	85	340	765	75	68	311	127	409	110	130
12 03 0006	120	416	200	89	80	358	133	460	110	150
12 03 0007	200	530	260	120	90	448	180	562	110	235
12 03 0008	300	565	305	130	120	541	205	612	110	287
12 03 0009	400	655	350	165	120	603	230	707	110	345
12 03 0010	500	710	370	180	160	623	255	740	110	375

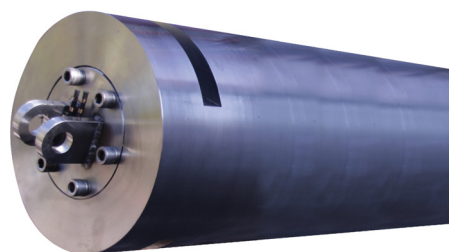
Other sizes available on request

Andre størrelser muligt på forespørgsel



Load pins

- Available on request
- Aksler med vejeceller
- Muligt på forespørgsel



Compression load cells

- Available on request
- Kompressions vejecelle
- Muligt på forespørgsel



Static line tension monitor

- Available on request
- Statisk stålwire tensionmeter
- Muligt på forespørgsel



Atex products

- Available on request
- Atex produkter
- Muligt på forespørgsel



Water bags for cranetest

Vandsække til krantest



Art. No.	Model	Empty weight kg	Capacity kg	Diameter cm	Filled height cm
12 18 0001	WB3	65	3000	175	245
12 19 0001	WB5	82	5000	200	295
12 20 0001	WB20	161	20000	320	480
12 21 0001	WB30	250	30000	370	530
12 22 0001	WB40	350	40000	410	580
12 23 0001	WB100	950	100000	550	790

Water bags for lifeboats

Vandsække til redningsbåde



Art. No.	Model	Empty weight kg	Capacity kg	Diameter cm	Length cm
12 24 0001	LB60	4	60	40	50
12 24 0002	LB150	4,5	150	50	75
12 24 0003	LB300	5,5	300	50	150
12 24 0004	LB375	6	375	55	150

Accessories on request

Tilbehør på forespørgsel

NOS A/S offers load tests of cranes

When cranes need to be tested, inspected according to the norms and regulations, or load bearing parts has been exchanged or repaired, it is required to make a load test.

For load testing, we often use water bags, because they are easy to transport, easy to pack after use and can contain up to 100 tons of water. A load cell will be installed between the water bag and the crane, to monitor how many tons that are lifted. The cranes are tested to see if they live up to their lifting capacity, technical and legal requirements.

We also do inspections on lashing equipment, hoists, fall protection equipment and ladders.

NOS A/S tilbyder belastningstest af kraner

Når kraner skal testes, skal have udført lovpligtigt eftersyn, eller har gennemgået reparationer på de bærende dele, skal der laves en belastningsprøve.

Til belastningsprøven bruger vi ofte "water bags", da de er nemme at transportere, nemt kan pakkes ned igen, og de største af dem kan indeholde op til 100 tons vand. Mellem "water bag" og kran, bliver der monteret et dynamometer, så det kan overvåges, hvor mange tons der bliver løftet. Kranerne bliver belastningsprøvet, så man kan sikre, at de stadig lever op til løftekapaciteten samt gældende krav og regler.

Vi udfører også eftersyn på blandt andet surringsgrej, taljer, faldsikringsudstyr og stiger.

