

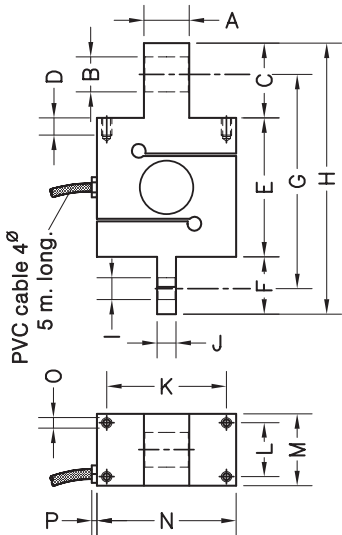
- Tension load cell
- Measuring element from steel alloy
- 3000 divisions O.I.M.L. R60 class C
- Protected IP 66 (EN 60529)
- Protected against corrosion by nickel-plated treatment
- 4 wire electrical connection
- Opnemer voor trekkracht toepassing
- Stalen meet element
- Nauwkeurigheid 1: 3000 OIML R60
- Dichtheidsklasse IP66
- Opnemer van vernikkeld staal
- 4 draads aansluiting

Model	Nominal capacity Meetbereik E max	Accuracy class Nauwkeurigheid nLC OIML	Minimum division Kleinste schaaldeel v min	Ultimate load* Breuklast* 300% E max
540 2000 kg	2000 kg	3000	334 g	6000 kg
540 3000 kg	3000 kg	3000	500 g	9000 kg
540 6000 kg	6000 kg	3000	1 kg	18000 kg
540 10000 kg	10000 kg	3000	1.7 kg	30000 kg

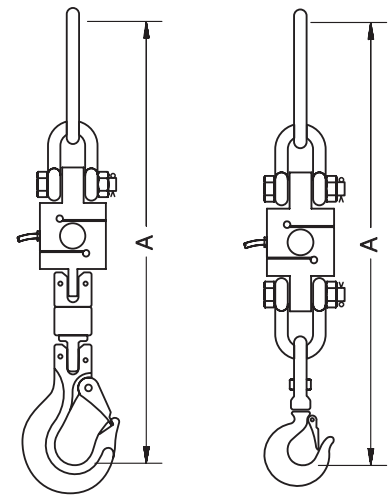
* Overdimension properly the load cell. Choose the nominal capacity taking into account that the security factor will be determined by the ratio between ultimate load and the user maximum working load.

* Kies altijd een relatief grote overcapaciteit. Pas de gespecificeerde breuklast waarde toe bij het berekenen van de gewenste zekerheidsfactor en de keuze van het gewenste weegbereik.

MODEL 540



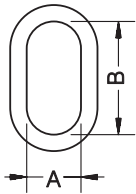
Nominal load Bereik	2-3 t	6 t	10 t
Weight (kg) Gewicht (kg)	2.4	3.5	5.1
A	26	36	46
B Ø	20	26	32.5
C	43	65	81
D	10	10	10
E	80	92	104
F	34.3	48.5	67
G	123.3	158	194
H	157.3	205.5	252
I Ø	12.6	21	32.5
J	11.5	19	46
K	69	69	69
L	31	31	31
M	44.5	42	42.5
N Ø	80	103	103
O	M-6	M-6	M-6
P	3	3	3



Nominal load Meetbereik	A	Nominal load Meetbereik	A
2-3 t 5 t	547 737.5	10 t	888

SCHALM

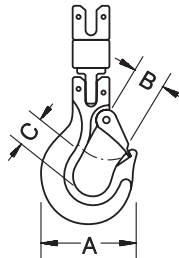
Ref. **549001** (2-3 t)
Ref. **549002** (6-10 t)



Nominal load Meetbereik	Weight Gewicht	A	B
2-3 t	1 kg	70	140
6-10 t	2.2 kg	89	178

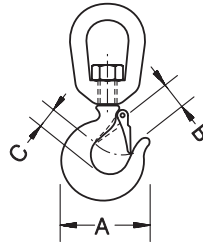
LASTHAAK DRAAIBAAR

With ball bearing Met kogellager
Ref. **549003** (2-3 t)
Ref. **549004** (5 t)



Nominal load Meetbereik	Weight Gewicht	A	B	C
2-3 t	2.1 kg	118	35	
5 t	4.4 kg	165	54	

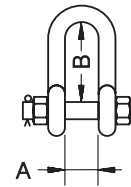
Without ball bearing Zonder kogellager
Ref. **108002** (10 t)



Nominal load Meetbereik	Weight Gewicht	A	B	C
10 t	7.3 kg	192	52.5	54

D - SLUITING

Ref. **110001** (2-3 t)
Ref. **110002** (6 t)
Ref. **110004** (10 t)

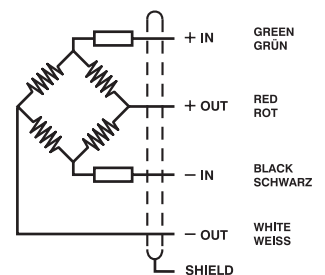


Nominal load Meetbereik	Weight Gewicht	A	B
2-3 t	0.75 kg	27	60
6 t	1.7 kg	36.5	85
10 t	3.8 kg	46	110

Dimensions in mm. Afmetingen in mm.

SPECIFICATIONS			TECHNISCHE GEGEVENS
Nominal capacities (Ln)	2000-3000- 6000-10000	kg	Meetbereiken (E max)
Accuracy class	3000	n. OIML	Nauwkeurigheidsklasse
Minimum dead load Ultimate load limit	0 300	% Emax % Emax	Minimum voorlast Breuklast
Total error Repeatability error	< ±0.017 < ±0.015	%Sn (1) %Sn	Samengestelde fout Herhalingsnauwkeurigheid
Temperature effect: on zero on sensitivity	< ±0.01 < ±0.006	%Sn/5°K %Sn/5°K	Temperatuurafwijking : op nul op meetbereik
Creep error (30 minutes)	< ±0.016	%Sn	Kruipfout (30 min)
Temperature compensation Temperature limits	-10...+40 -20...+70	°C °C	Temperatuur gecompenseerd Temperatuur grenzen
Nominal sensitivity (Sn) Nominal input voltage Maximum input voltage Input impedance Output impedance No load output Insulation resistance	2 ±10% 10 15 400 ±20 350 ±3 < ±2 > 5000	mV/V V V Ω Ω %Sn MΩ	Signaalsterkte (Sn) Nom. voedingsspanning Max. voedingsspanning Ingangsweerstand Uitgangsweerstand Nulsignaal tolerantie Isolatie weerstand
Maximum deflection (at Ln)	0.3-0.4	mm	Meetweg (bij Emax)

ELECTRICAL CONNECTION ELEKTRISCHE AANSLUITING :



(1) Total error: Non Linearity and Hysteresis / Samengestelde fout: niet lineairiteit en hysteresis