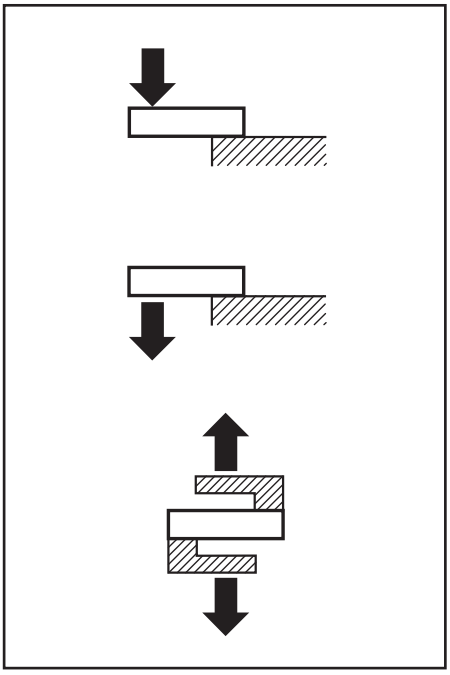
UTILCELL
LOAD CELLS - WÄGEZELLEN

MODEL 340

15kg ... 1500kg

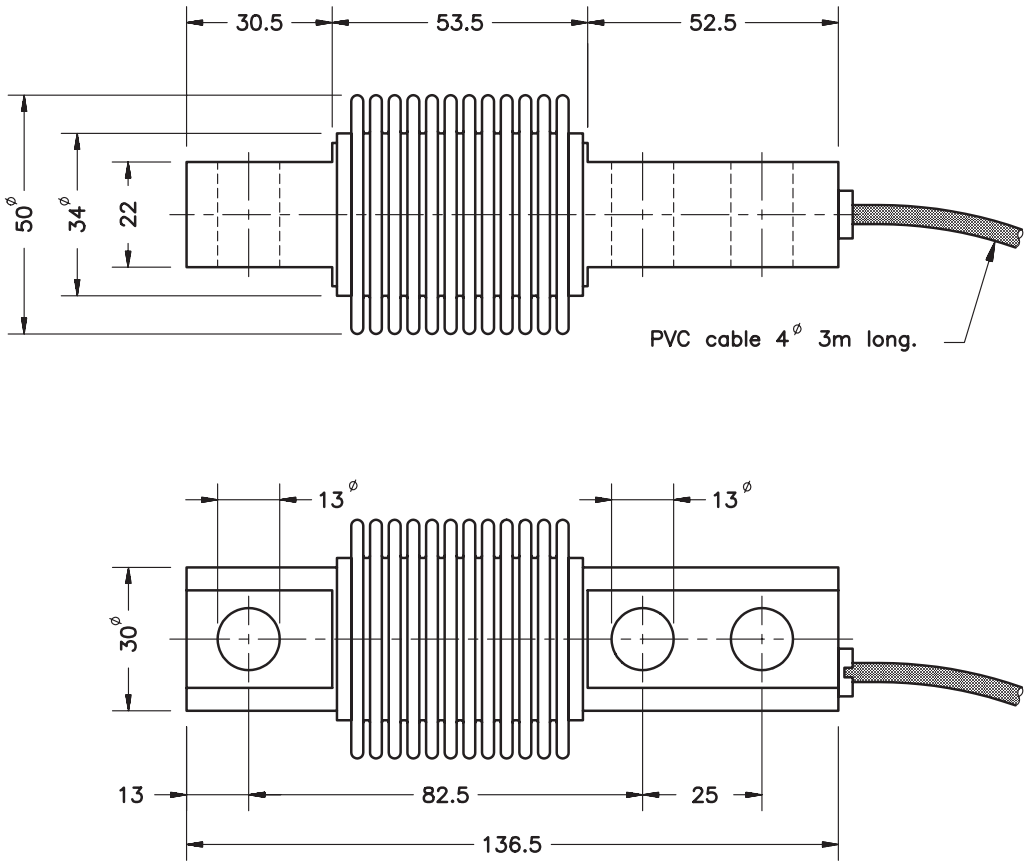


- **Bending beam load cell**
- **Fully Stainless Steel**
- **3000 divisions OIML R60 class C ***
- **Hermetically sealed, fully welded**
- **Protected IP 68 (EN 60529)**
- **Available in ATEX version (optional) Zone 0-1-2 (gas) and 20-21-22 (dust)**

- **Biegestabwägezelle**
- **Komplett in Edelstahl**
- **3000 Teile OIML R60 Klasse C ***
- **hermetisch dicht verschweißt**
- **Schutzart IP 68 (EN 60529)**
- **Erhältlich in ATEX -Ausführung (optional) Zone 0-1-2 (Gas) und 20-21-22 (Staub)**

Model Modell	Nominal capacity Nennlast Ln	Accuracy class Genauigkeitsklasse *n. OIML	Minimum division Kleinster Teilungswert vmin	Service load Gebrauchslast 150 % Ln	Safe load Grenzlast 200 % Ln
340 15 kg	15 kg	3000	1.5 g	22 kg	30 kg
340 30 kg	30 kg	3000	3 g	45 kg	60 kg
340 50 kg	50 kg	3000	5 g	75 kg	100 kg
340 75 kg	75 kg	3000	7.5 g	112 kg	150 kg
340 100 kg	100 kg	3000	10 g	150 kg	200 kg
340 150 kg	150 kg	3000	15 g	225 kg	300 kg
340 200 kg	200 kg	3000	20 g	300 kg	400 kg
340 250 kg	250 kg	3000	25 g	375 kg	500 kg
340 300 kg	300 kg	3000	30 g	450 kg	600 kg
340 500 kg	500 kg	3000	50 g	750 kg	1000 kg
340 750 kg	750 kg	3000	75 g	1125 kg	1500 kg
340 1000 kg	1000 kg	3000	100 g	1500 kg	2000 kg
340 1500 kg	1500 kg	2000	150 g	2250 kg	2500 kg

MODEL 340



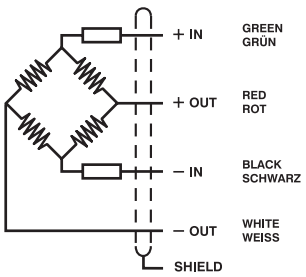
Dimensions in mm. *Abmessungen in mm.*

Transport weight - *Transportgewicht:* 0.5 kg

SPECIFICATIONS			TECHNISCHE DATEN
Nominal capacities (Ln)	15-30-50-75-100 150-200-250-300 500-750-1000-1500	kg	Nennlasten (Ln)
Accuracy class	3000	n. OIML (3)	Genauigkeitsklasse
Minimum dead load Service load Safe load limit	0 150 200	%Ln %Ln %Ln	Minimale Vorlast Gebrauchslast Grenzlast
Total error Repeatability error	< ±0.017 < ±0.015	%Sn (1) (3) %Sn	Zusammengesetzter Fehler Wiederholgenauigkeit
Temperature effect: on zero on sensitivity	 < ±0.01 < ±0.006	 %Sn/5 °C %Sn/5 °C	Temperaturfehler: Nullpunkt Kennwert
Creep error (30 minutes)	< ±0.016	%Sn	Kriechfehler (30 min)
Temperature compensation Temperature limits	-10...+40 -30...+70	°C °C	Nenntemperaturbereich Arbeitstemperaturbereich
Nominal sensitivity (Sn) Nominal input voltage Maximum input voltage Input impedance Output impedance No load output Insulation resistance	2 ±0.1% 10 15 400 ±20 350 ±3 < ±2 > 5000	mV/V (2) V V Ω Ω %Sn MΩ	Nennkennwert (Sn) Nom. Speisespannung Max. Speisespannung Eingangswiderstand Ausgangswiderstand Nullsignaltoleranz Isolationswiderstand
Maximum deflection (at Ln)	0.2-0.4	mm	Nennmessweg (bei Ln)

(1) Total error: Non Linearity and Hysteresis / Zusammengesetzter Fehler: Nichtlinearität und Hysterese
(2) Ln ≤ 20 kg, 2 ±0.2%
(3) 1500 kg: 2000 n. OIML

ELECTRICAL CONNECTION
ELEKTRISCHER ANSCHLUSS:



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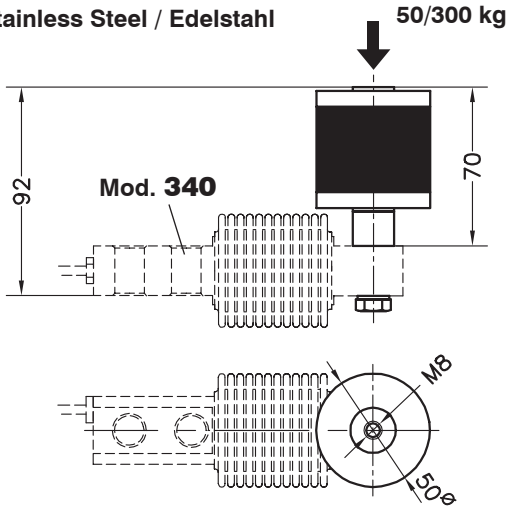
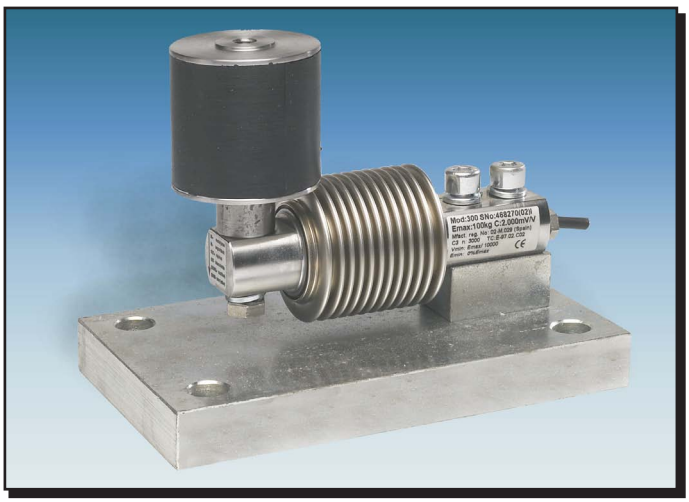
ACCESSORIES FOR MODEL 340
ZUBEHÖR FÜR MODELL 340

Acc. 30904: Silent-block bearing up to 50 kg (blue rubber) / Elastomerlager (blau), bis 50 kg

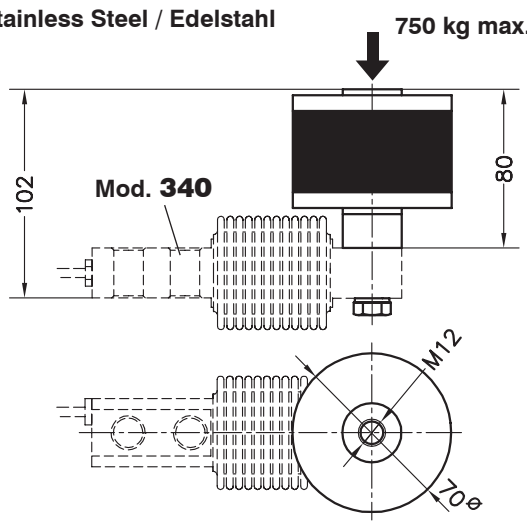
Acc. 30905: Silent-block bearing up to 300 kg / Elastomerlager, bis 300 kg



Transport weight - *Transportgewicht:* 0.5 kg



Acc. 34906: Silent-block bearing up to 750 kg / Elastomerlager, bis 750 kg

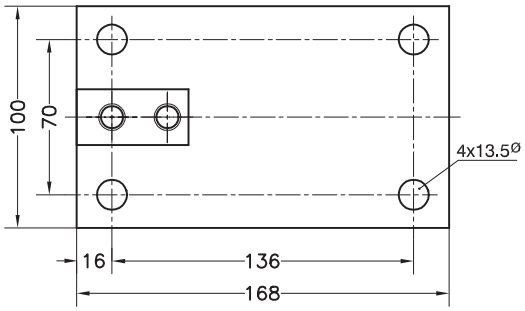


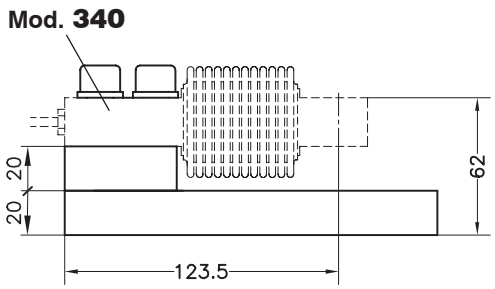
Transport weight - *Transportgewicht:* 0.5 kg

Dimensions in mm. *Abmessungen in mm.*

Acc. 34903: Base plate: Steel zinc-plated
Grundplatte: Verzinkter Stahl-Elastomer

Acc. 34903i: Base plate: Stainless Steel
Grundplatte: Edelstahl und Elastomer





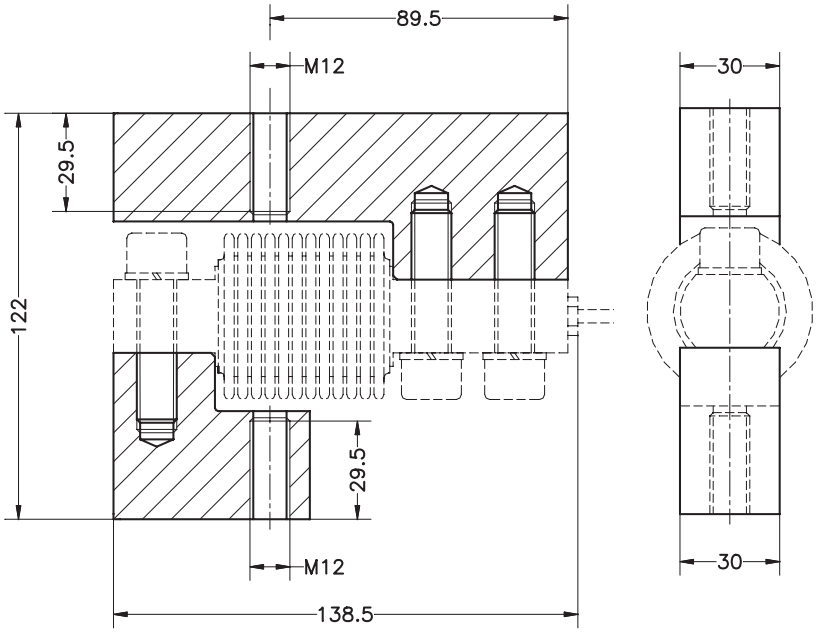
Transport weight - *Transportgewicht:* 3 kg

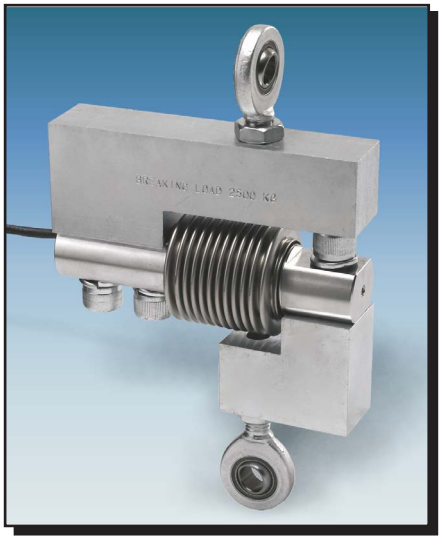
UTILCELL
LOAD CELLS - WÄGEZELLEN

ACC. 34905
ACC. RO12x1.75

TENSION ACCESSORIES FOR MODEL 340
ZUGKRAFTZUBEHÖR FÜR MODELL 340

Acc. 34905



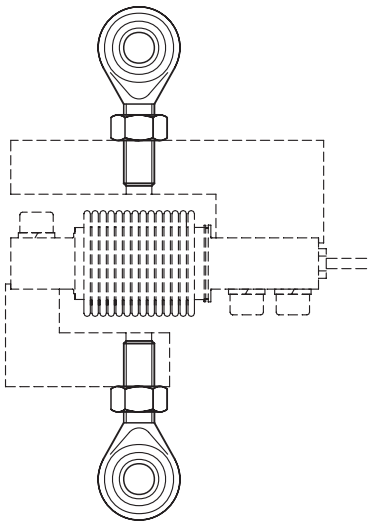


- **Material: Alloy Steel zinc-plated**
- **Material: Stahl, verzinkt**

Dimensions in mm. *Abmessungen in mm.*

Transport weight - *Transportgewicht:* 1.9 kg

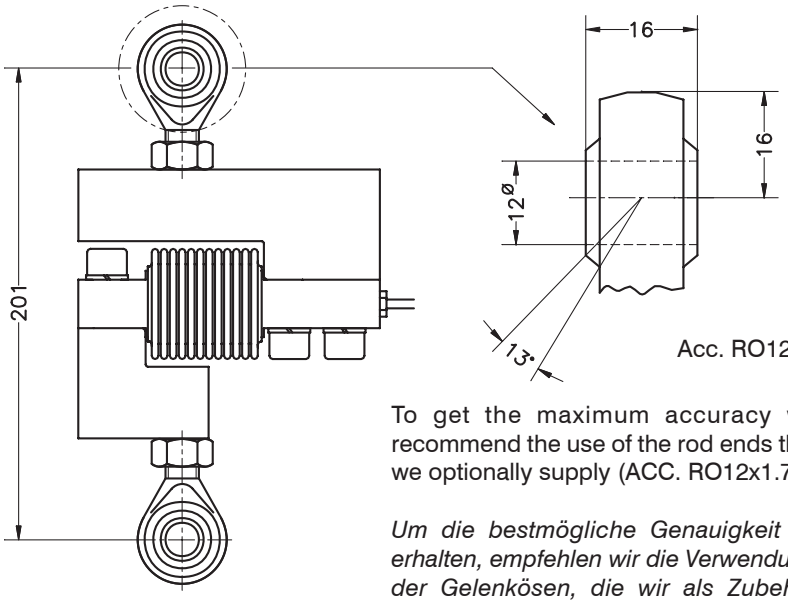
Acc. RO12x1.75



Alloy Steel zinc-plated
Stahl, verzinkt

Transport weight - *Transportgewicht:* 0.4 kg

Mod. 340 + Acc. 34905 + Acc. RO12x1.75



Acc. RO12x1.75

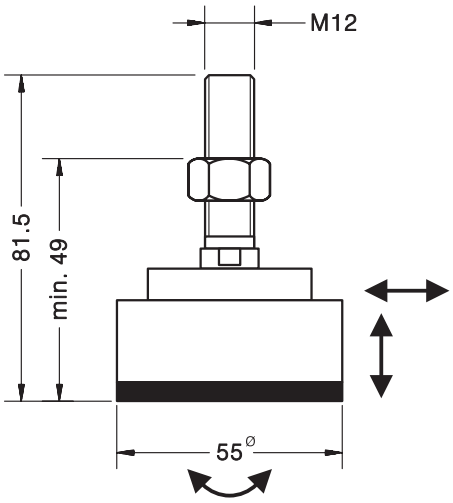
To get the maximum accuracy we recommend the use of the rod ends that we optionally supply (ACC. RO12x1.75)

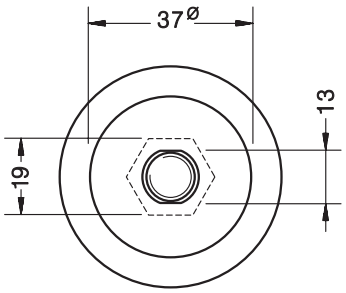
Um die bestmögliche Genauigkeit zu erhalten, empfehlen wir die Verwendung der Gelenkösen, die wir als Zubehör anbieten (ACC.RO12x1.75)

UTILCELL
LOAD CELLS - WÄGEZELLEN

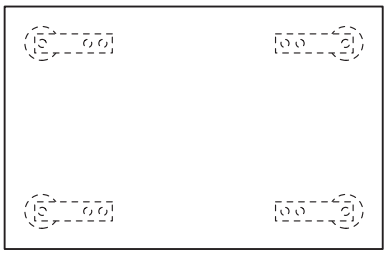
ACC. 35901

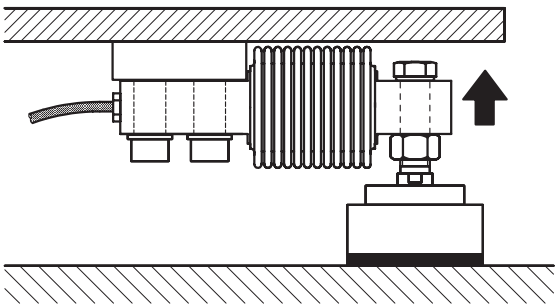
LOAD FOOT ACCESSORY FOR MODELS 340-350
SELBSTZENTRIERENDER LASTFUSS FÜR MOD. 340-350





- **Materials: Stainless Steel and Rubber**
- **Material: Edelstahl und Elastomer**





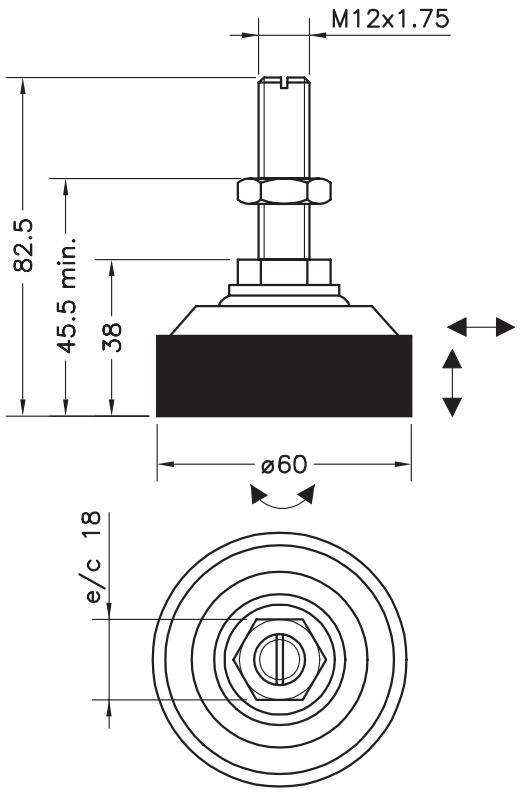
Dimensions in mm. *Abmessungen in mm.*

Transport weight - *Transportgewicht:* 0.33 kg

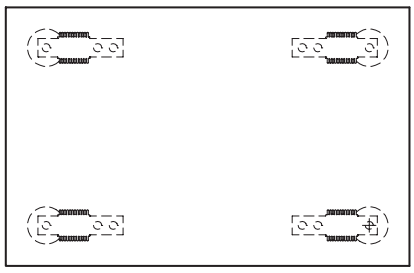
UTILCELL
LOAD CELLS - WÄGEZELLEN

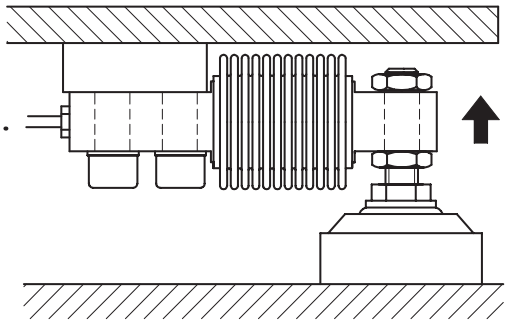
ACC. FT12i

LOAD FOOT ACCESSORY FOR MODELS 340-350
SELBSTZENTRIERENDER LASTFUSS FÜR MOD. 340-350



- **Materials: Stainless Steel and Rubber**
- **Material: Edelstahl und Elastomer**

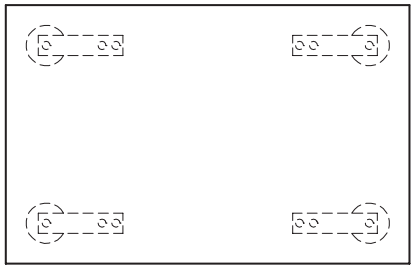


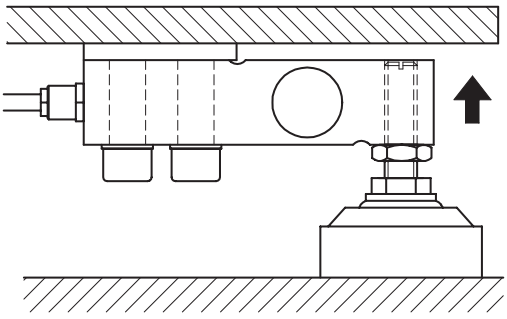


Mod. 340

+

Acc. FT12i





Mod. 350

(300...2000 kg)

+

Acc. FT12i

Dimensions in mm. *Abmessungen in mm.*

Transport weight - *Transportgewicht:* 0.42 kg