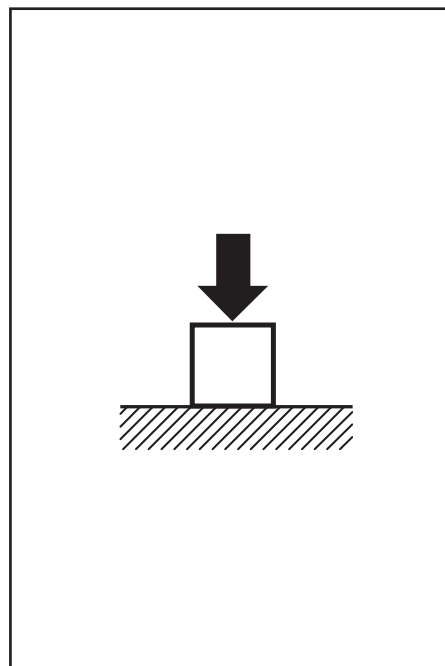




- Compression load cell, selfcentering column
- 1000 divisions OIML R60 class C
- Available in **ATEX**  version (optional)
Zone 0-1-2 (gas) and 20-21-22 (dust)
- Simple to install
- Stainless Steel construction
- Hermetically welded, protection class
IP 68 (EN 60529) and IP 69K (ISO 20653)
- Pre-corner adjustment optimized for multi-
cell systems
- Lightning protection
- Applications: High capacity weighing
systems
- 压式传感器，自复位弹性体
- 1000 分度 OIML R60 C级
- 防爆可选 **ATEX** 
- 不锈钢制造
- 安装简单
- 完全焊接密封，防护等级IP68(EN 60529)
和IP69K(ISO 20653)
- 对于使用多只传感器的系统，易于调校
- 防雷击保护
- 应用范围：大量程称量系统

Model 型号	Nominal capacity 量程 Ln	Accuracy class 准确度等级 n. OIML	Minimum division 最小分度值 vmin	Safe load limit 安全载荷 150 % Ln	Breaking load 极限载荷 > 350 % Ln
740 100 t	100 t	1000	15 kg	150 t	350 t
740 200 t	200 t	1000	30 kg	300 t	450 t
740 400 t	400 t	1000	60 kg	600 t	1200 t
740 600 t	600 t	1000	90 kg	900 t	1800 t

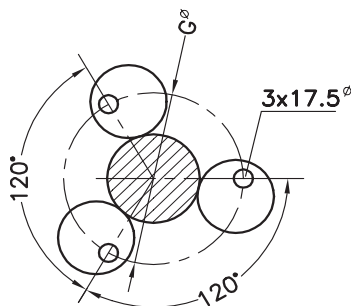
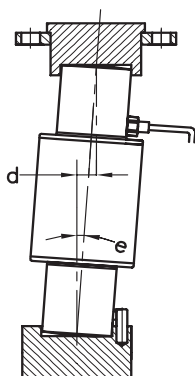


MODEL 740 +

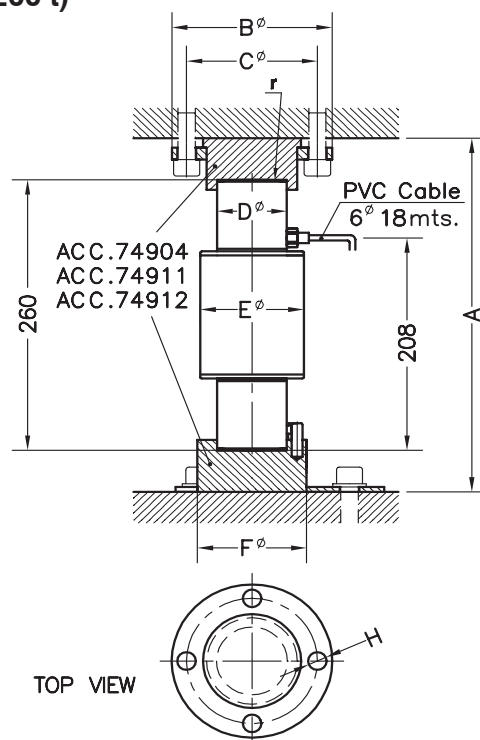
ACC. 74904 (100 t...200 t)

ACC. 74911 (400 t)

ACC. 74912 (600 t)



LOWER VIEW



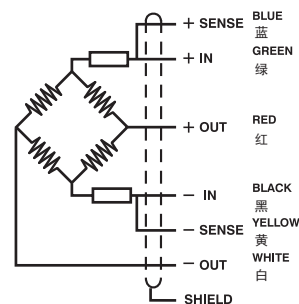
TOP VIEW

Load cells 称重传感器	A	B	C	D ϕ	E ϕ	F	G	H	d max.	e. max. 最大倾角	半径 Ball r.	Transport Weight 重量
740 100 t	340	147	120	64	104	100	165	17	18	4°	290	11 kg
740 200 t	340	147	120	64	104	100	165	17	9	2°	400	11 kg
740 400 t	400	220	190	109	140	160	200	21	8	1.4°	700	23 kg
740 600 t	440	220	190	118	140	160	200	21	8	1.4°	800	27 kg
Acc.74904	-	-	-	-	-	-	-	-	-	-	-	7 kg
Acc.74911	-	-	-	-	-	-	-	-	-	-	-	27 kg
Acc.74912	-	-	-	-	-	-	-	-	-	-	-	36 kg

Dimensions in mm. 单位: mm

SPECIFICATIONS			技术条件
Nominal capacities (Ln)	100-200- 400-600	t	量程 (Ln)
Accuracy class	1000	n. OIML	准确度等级
Minimum dead load	0	%Ln	最小静载荷
Service load	120	%Ln	最大称量
Safe load limit	150	%Ln	安全载荷极限
Total error	< ± 0.05	%Sn	综合误差
Repeatability error	< ± 0.015	%Sn	重复性误差
Temperature effect: on zero	0.01	%Sn/5°C	温度影响: 零点
on sensitivity	0.018	%Sn/5°C	灵敏度
Creep error (30 minutes)	0.048	%Sn	蠕变 (30分钟)
Temperature compensation	-10...+40	°C	温度补偿
Temperature limits	-50...+80	°C	温度极限
Nominal sensitivity (Sn)	2 $\pm$ 0.5%	mV/V	灵敏度
Nominal input voltage	10	V	激励电压
Maximum input voltage	15	V	最大激励电压
Input impedance	800 $\pm$ 5	Ω	输入阻抗
Output impedance	705 $\pm$ 5	Ω	输出阻抗
No load output	± 2	%Sn	空荷输出
Insulation resistance	> 5000	M Ω	绝缘电阻
Maximum deflection (at Ln)	1.2-2.6	mm	最大变形位移 (量程内)

ELECTRICAL CONNECTION 电气连接:



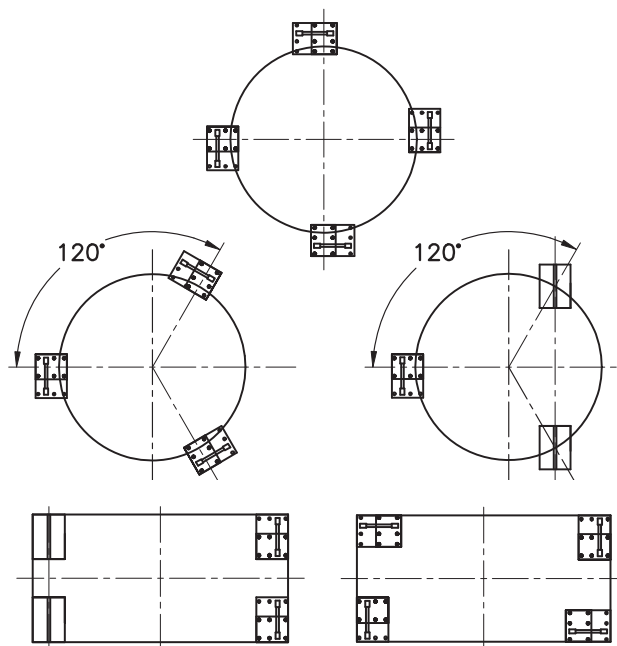
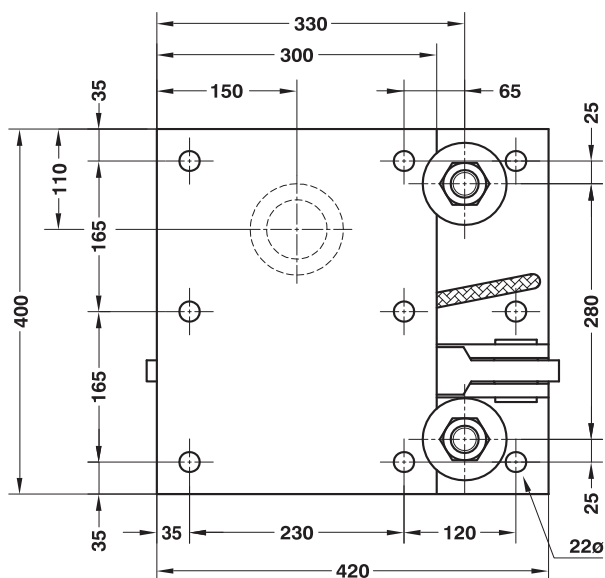
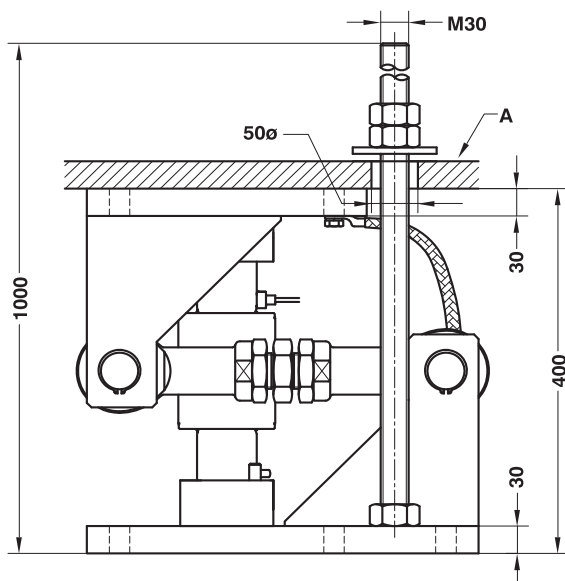
«SENSES»: 2 additional wires to maintain a constant voltage supply at the load cell when used with proper instrumentation. Use specially when long wires and wide temperature range.

SHIELD: Not connected to transducer body.

(感应): 传感器与仪表一起使用时, 增加两条感应线, 以保证传感器供桥电压的稳定; 电缆较长及温度范围较大时, 更应使用。

屏蔽: 不与传感器外壳连接。

MOUNTING KIT LIFT-OFF PREVENTION FOR SILO FOR M.740 (100...200t) 适用于料斗的带限位的安装附件MOD.740(100...200t)

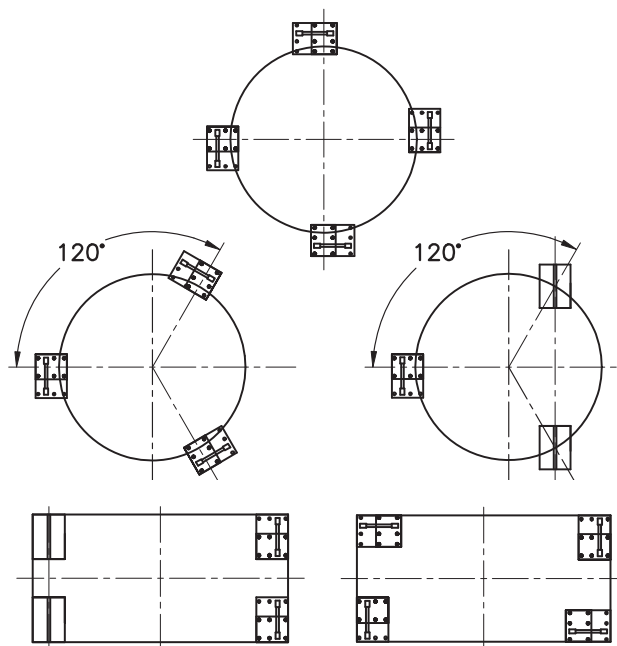
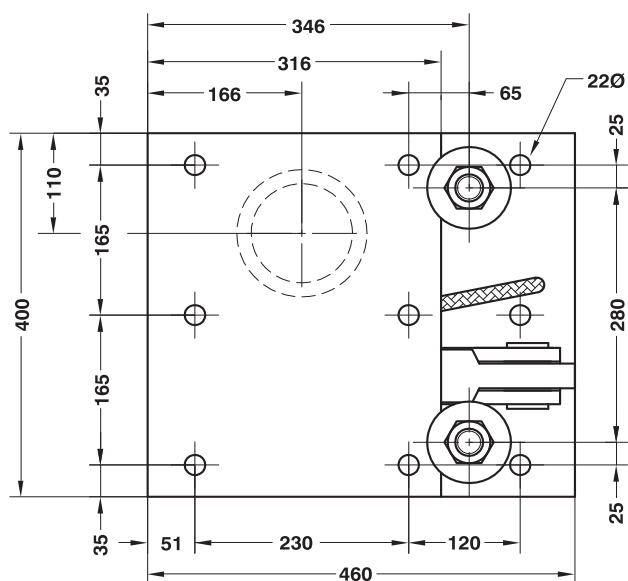
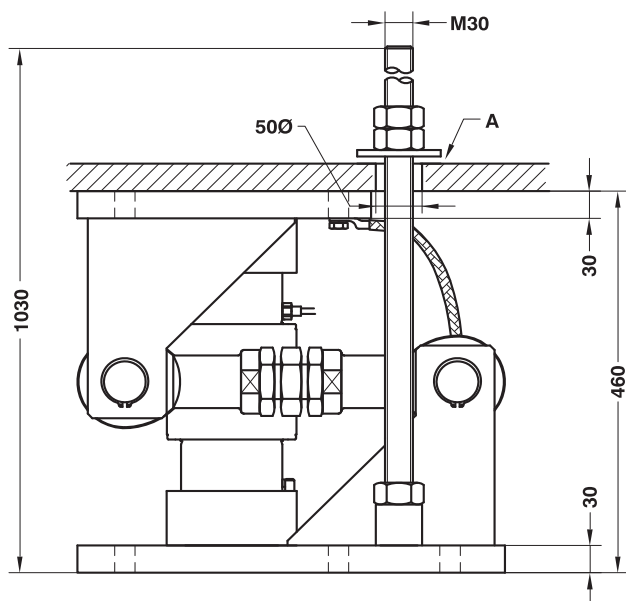


Nominal load	100...200 t	量程
Max. permissible side offset transverse to retention arm	±5 mm	最大横向偏差
Permissible horitz. force in direction of the retention arm	180 kN	侧向力
Maximum permissible lifting force	228 kN	最大侧向力
Max. permissible lifting movement, must be adjusted (A)	3 mm	最大侧向偏差, 超出则需调整
Material: Alloy steel zinc-plated		材质: 合金钢, 表面镀锌

Dimensions in mm. 单位: mm

Transport weight - 重量: 98 kg

MOUNTING KIT LIFT-OFF PREVENTION FOR SILO FOR M.740 (400t) 适用于料斗的带限位的安装附件MOD.740(400t)



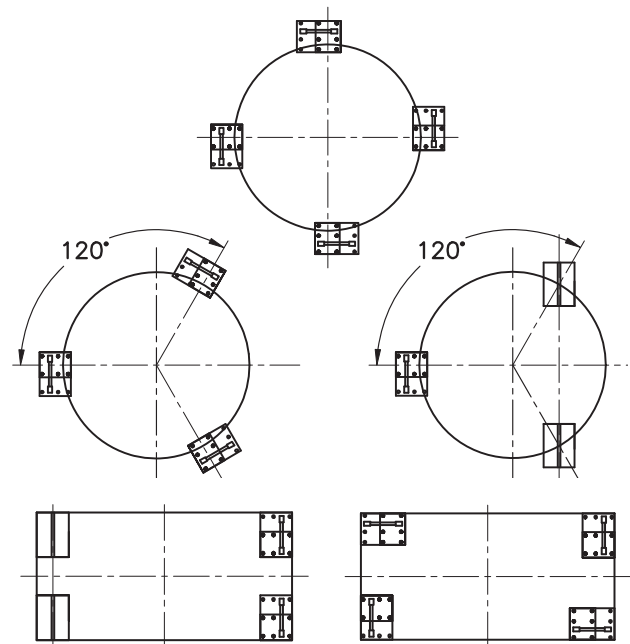
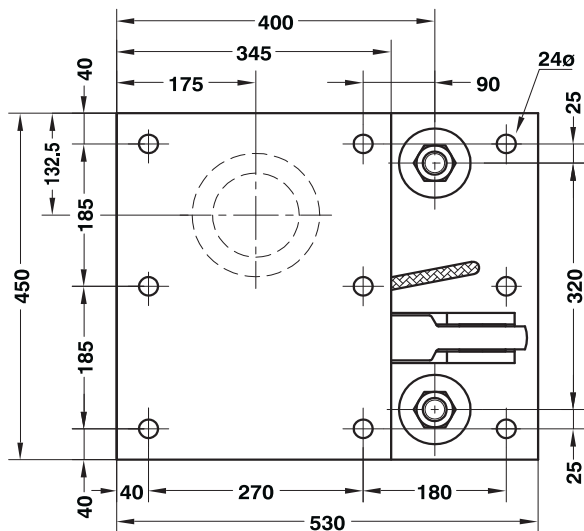
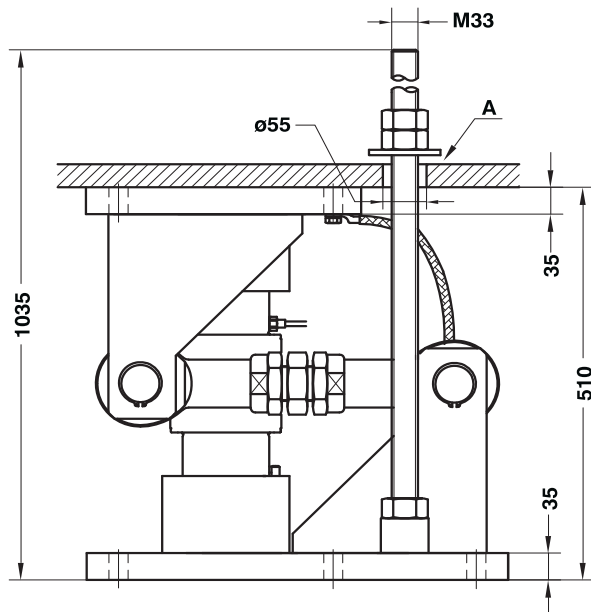
Nominal load	400 t	量程
Max. permissible side offset transverse to retention arm	±5 mm	最大横向偏差
Permissible horitz. force in direction of the retention arm	240 kN	侧向力
Maximum permissible lifting force	330 kN	最大侧向力
Max. permissible lifting movement, must be adjusted (A)	3 mm	最大侧向偏差, 超出则需调整
Material: Alloy steel zinc-plated		材质: 合金钢, 表面镀锌

Dimensions in mm. 单位: mm

Transport weight - 重量: 142 kg

MOUNTING KIT LIFT-OFF PREVENTION FOR SILO FOR M.740 (600t)

适用于料斗的带限位的安装附件MOD.740(600t)



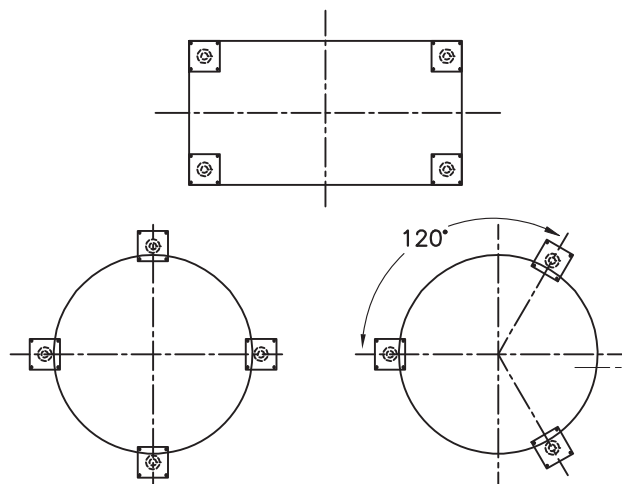
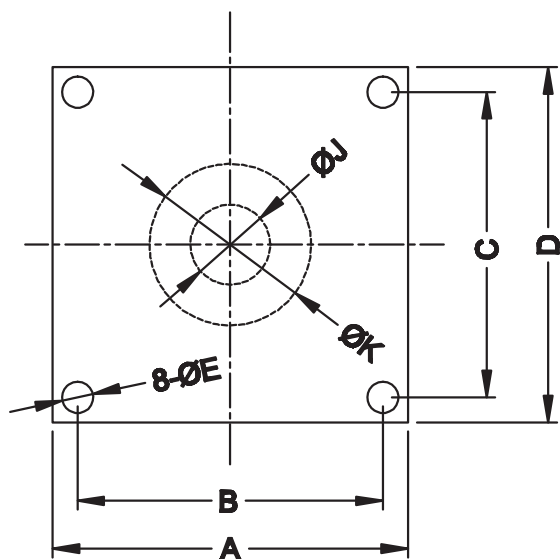
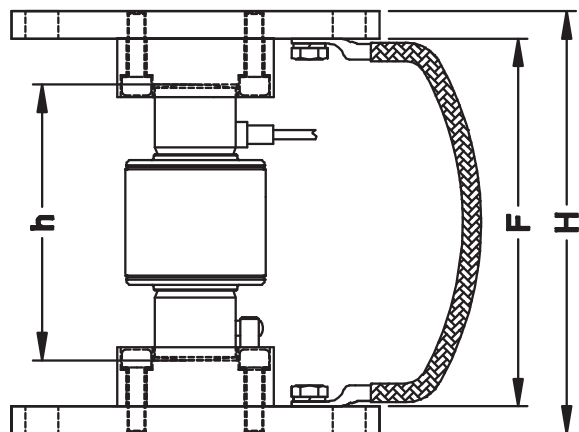
Nominal load	600 t	量程
Max. permissible side offset transverse to retention arm	±5 mm	最大横向偏差
Permissible horitz. force in direction of the retention arm	290 kN	侧向力
Maximum permissible lifting force	395 kN	最大侧向力
Max. permissible lifting movement, must be adjusted (A)	3 mm	最大侧向偏差, 超出则需调整
Material: Alloy steel zinc-plated		材质: 合金钢, 表面镀锌

Dimensions in mm. 单位: mm

Transport weight - 重量: 185 kg

ACCESSORIES FOR SILO FOR M.740 (15-600t) 适用于料斗的安装附件MOD.740(15-600t)

ACC. **74921**
ACC. **74922**
ACC. **74923**
ACC. **74924**
ACC. **74925**



Accessory 附件	Nominal load 量程	A	B	C	D	E $\varnothing$	F	H	h	J $\varnothing$	K $\varnothing$	Transport weight 重量
74921	15-50 t	200	167	167	200	18.5	200	230	150	45	91	13 kg
74922	60 t	200	167	167	200	18.5	260	300	210	45	91	15 kg
74923	100-200 t	200	162	162	200	22.5	340	400	260	65	125	28 kg
74924	400 t	240	202	202	240	22.5	400	460	260	112	194	60 kg
74925	600 t	280	242	202	280	22.5	460	530	260	122	204	65 kg

Dimensions in mm. 单位: mm