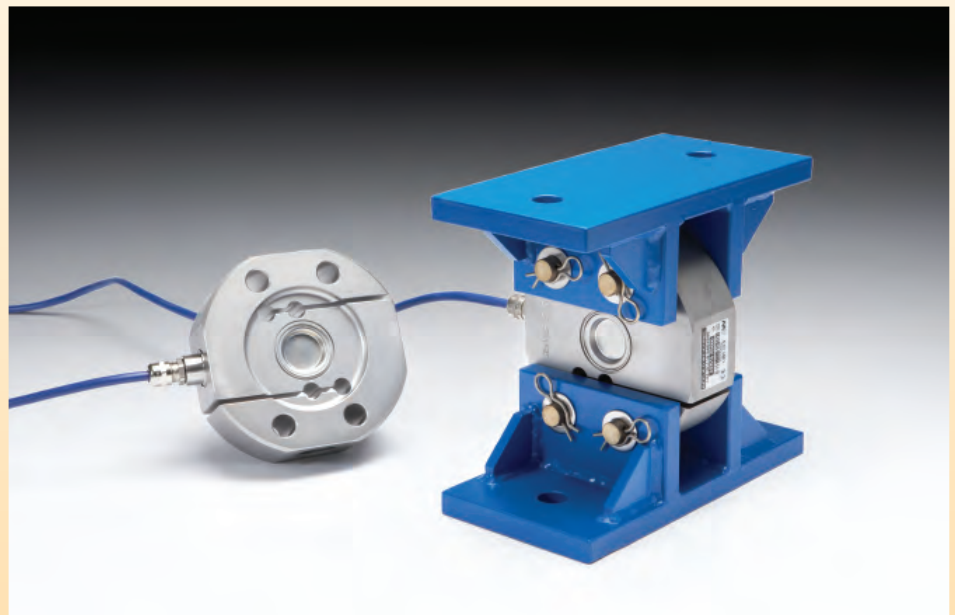


Titan 90

Range of Weighing Assemblies



upto
IP68

Features

- 1,000kg, 2,000kg, 3,500kg, 5,000kg and 7,500kg capacities.
- For Industrial weighing of Hoppers, Tanks and Vessels.
- Robust design for harsh industrial applications.
- Durable coated mild steel weighing assembly.
- Inbuilt strength 150% maximum overload.
- Fully welded stainless steel loadcell, with sealing up to IP68.
- Designed and manufactured in the UK with a 5 year warranty.

Options

- ATEX certified for Zone 0, 1, 2, 20, 21 and 22 hazardous areas.
- Digital with RS485 ASCII, Modbus, CAN and CANopen outputs.
- High temperature version up to 160°C.
- Stainless steel weighing assembly.
- Range of industrial instrumentation and weight controllers.

Description

The Titan 90 range of compression load cells and weighing assemblies are designed for harsh industrial applications. Uses include hoppers, tanks and vessels. The load cell is supplied in fully welded stainless steel, with option for use in ATEX Hazardous Areas.

ENGINEERING SPECIFICATIONS

TITAN 90 RANGE OF WEIGHING ASSEMBLIES

Specifications

Full Scale Output: 2.00mV/V Nominal
 Creep (in 20 minutes) 0.02% maximum
 Non-Linearity: 0.03% maximum
 Hysteresis: 0.05% maximum
 Non-Repeatability: 0.02% maximum
 Compensated temperature range:
 -10°C ... +40°C
 Operating temperature range:
 -40°C ... +80°C (-35°C...60°C for ATEX)
 Load cell material: Stainless steel 17-4 PH
 Protection: up to IP68 (ATEX IP66)
 Safe Overload: 150%

For ATEX Category 1 - II 1GD

For ordering suffix the part number with 'X' i.e.
 AW516/0200X (see certificate BAS99ATEX2067)

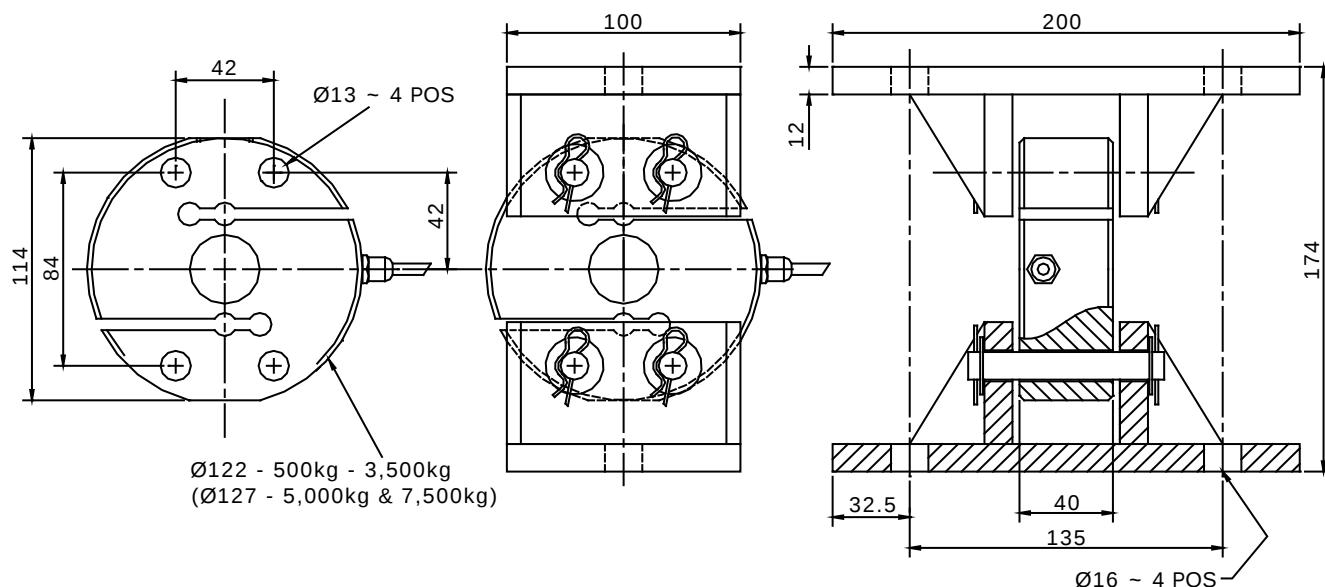
For ATEX Category 3 - II 3GD

For ordering suffix the part number with 'XD' i.e.
 AW516/0200XD (see certificate Baseefa09ATEX0147X)

Insulation Resistance: 2000 MΩ
 Zero Balance: ±1% F. S.
 Supply Voltage: 5-12 V (DC or AC)
 Max Voltage: 15V

PART NUMBERS 1,000kg - 7,500kg

Capacity	Nylon coated assembly & load cell	Stainless assembly & load cell	Stainless steel load cell only	Dummy tool steel load cell
1,000 kg	AW341/01000	AW346/01000	AW516/01000	AW904/00002
2,000 kg	AW341/02000	AW346/02000	AW516/02000	
3,500 kg	AW341/03500	AW346/03500	AW516/03500	Dummy stainless steel load cell
5,000 kg	AW341/05000	AW346/05000	AW516/05000	AW904/00007
7,500 kg	AW341/07500	AW346/07500	AW516/07500	Pins & Clip set
	Assembly only AW341/00000	Assembly only AW346/00000		AW341/00001



Colour Code:

Positive Excitation - RED
 Negative Excitation - BLUE
 Positive Signal - GREEN
 Negative Signal - YELLOW

Cable: 10 metres
 4 core screened

Weight

load cell: 3.2kg
 load cell with assembly: 10.4Kg

All dimensions in mm

Refer to installation documents before use

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