



Product Description

The Ag Bar load cells are made of painted steel with an efficient moisture proofing. They are suitable for use in agricultural and industrial environments.

Application

- Weighing systems in agricultural applications, e.g. for dosing feeders, trailers and dumpers, gas tank trucks and trailers

Available Accessories

- Compatible range of electronics, e.g. type 3031 Feed Ration Controller

Key Features

- Capacities of 5 t and 7.5 t
- 3 types (AB1, AB2 and AB3)
- Painted steel construction
- Environmental Protection IP67
- Shielded cable

Option

- Other capacities on request

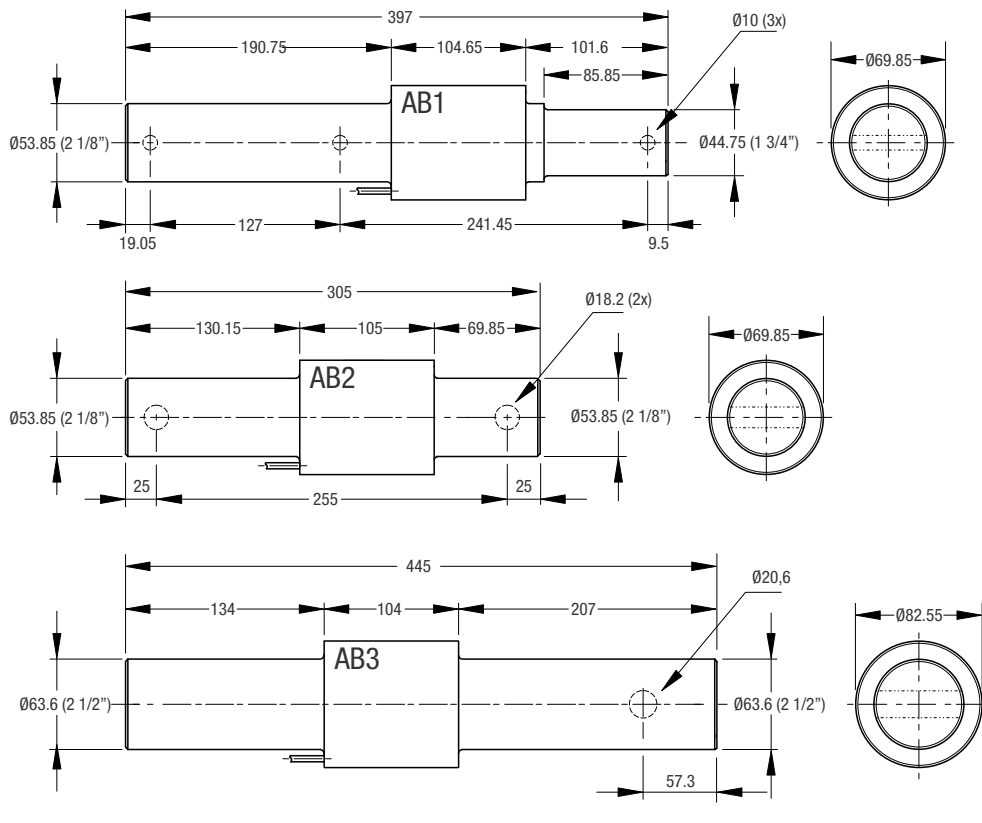
Packed Weight

■ Type	AB1	AB2	AB3
Weight (kg)	5.9	5.2	7.2

Specifications

Maximum capacity	(E _{max})	t	5 / 7.5
Accuracy		%*RO	≤ ± 0.25
Reproducibility		%*RO	≤ ± 0.1
Temperature effect on minimum dead load output	(TC ₀)	%*RO/10°C	≤ ± 0.25
Temperature effect on sensitivity	(TC _{RO})	%*RO/10°C	≤ ± 0.1
Rated Output	(RO)	mV/V	0.7 ± 1 %
Zero signal		mV/V	0 ± 2%*RO
Excitation voltage		V	5...10
Input resistance	(R _{LC})	Ω	380 ± 10
Output resistance	(R _{out})	Ω	350 ± 10
Insulation resistance (100 V DC)		MΩ	≥ 5 000
Safe load limit	(E _{lim})	%*E _{max}	200
Compensated temperature range		°C	-30...+70
Load cell material			steel; painted
Sealing			potted
Protection according EN 60 529			IP67

Dimensions (in mm)



Wiring

- The Ag Bar load cell is provided with a shielded, 4 conductor cable (AWG 24).
Cable jacket polyurethane
- Cable length: 10 m
- Cable diameter: 5 mm
- The shield is floating

