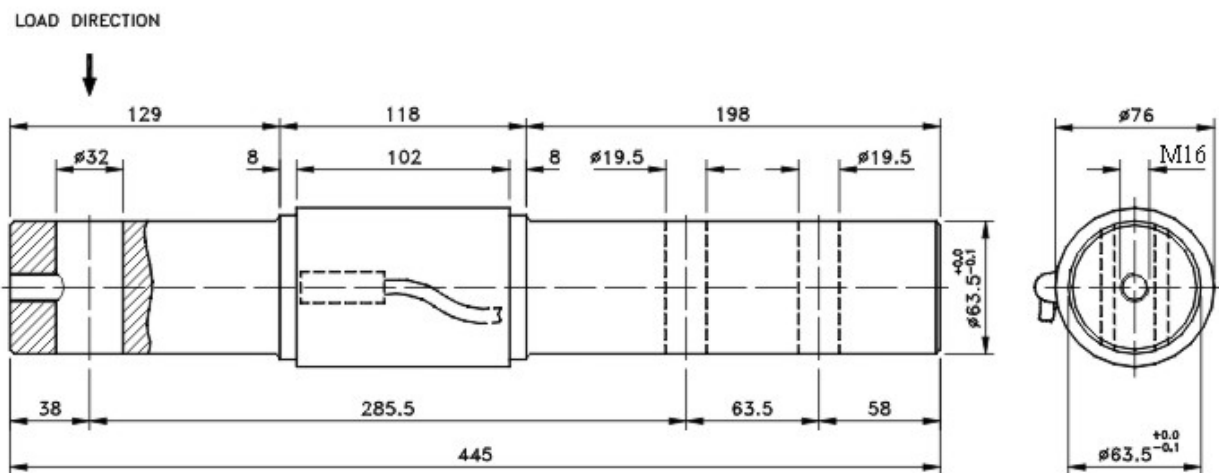


### Main features

- Rated capacity **5000 kg**
- Accuracy **0.1 %**
- **Steel construction**
- **Protection class IP65**
- **High permissible dynamic load**

The LC1 series load cells are strain gauge transducers designed for high accuracy weighing applications in particular for mixer feeder (unifeed loaders) etc. Their measuring system allow a high precision measure where small displacement of load point has not influence on the weighing accuracy.

### Mechanical dimensions (mm)



### Technical data

Accuracy .....	0.1 %	Compensated temperature range .....	-10..+40°C
Nominal Load (Ln) .....	5000 kg	Service temperature range .....	-20..+50°C
Nominal Sensitivity (FSO) .....		Storage temperature range .....	-30..+60°C
Zero balance .....	Permissible dynamic load DIN50100	100 % Ln	
Combined error:		Breaking load.....	> 300 % Ln
Nonlinearity, Hysteresis, Repeatability .....	< 0.1 %	Protection class DIN40050 .....	IP65
Creep (30 min at Ln) .....	< 0.1 %	Measuring element material .....	steel
Temperature effect on Sensitivity, Zero .....	< 0.1 %/10K		