

# BLCQ

## DOUBLE ENDED SHEAR BEAM LOAD CELL



**Robust and versatile**  
with a capacity of up to 40 tonnes

# BLCQ

## DOUBLE ENDED SHEAR BEAM LOAD CELL

Robust and versatile with a unit capacity of 10 to 40 tonnes.

Made from steel alloy with a full dust seal and protection against long periods of immersion in sweet water under pressure.

### IP68

20m long armoured cable in stainless steel mesh, protected against rodents and with greater insulation against interference and electrical surges.



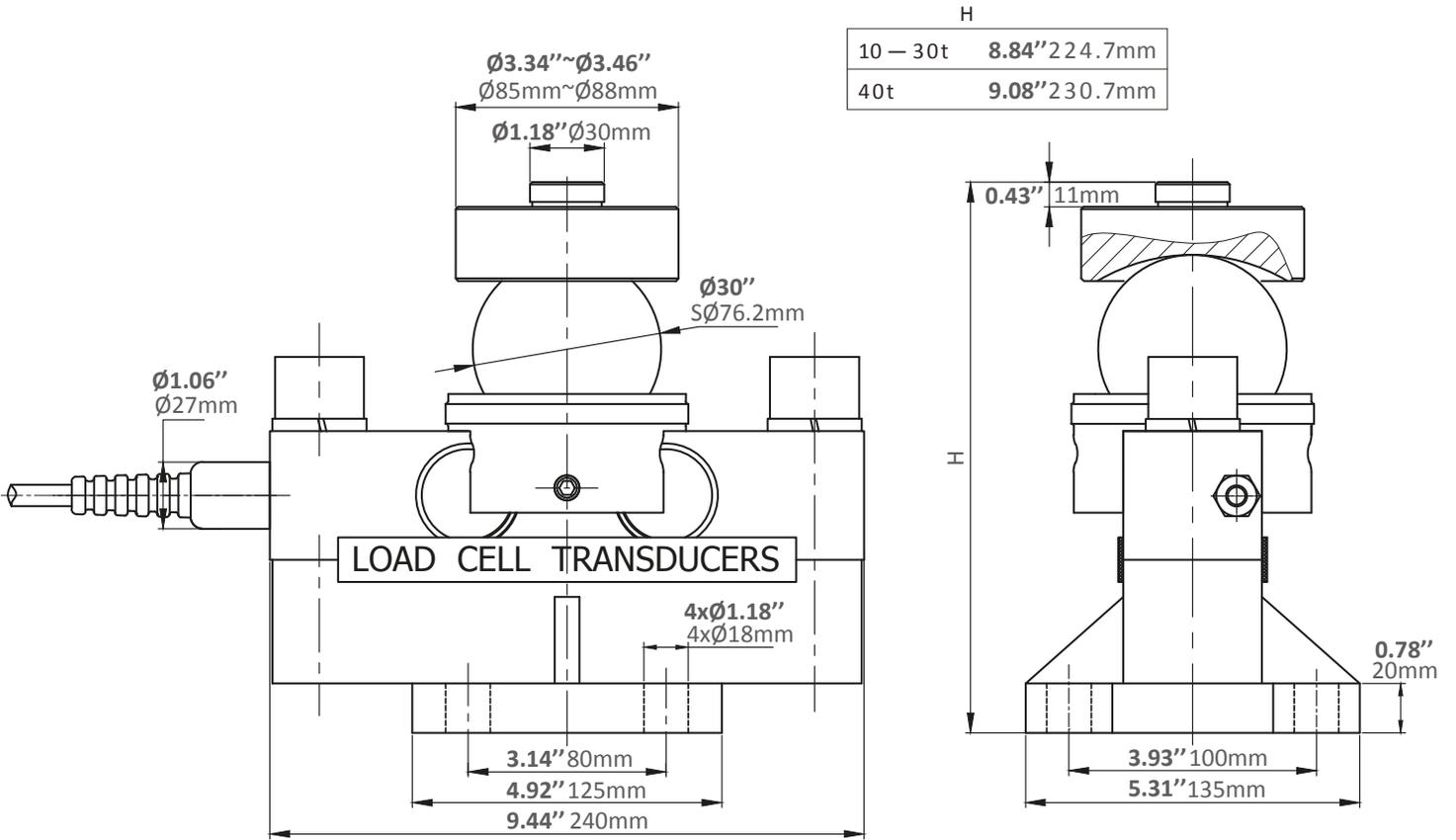
Accuracy class C3

### APPLICATIONS

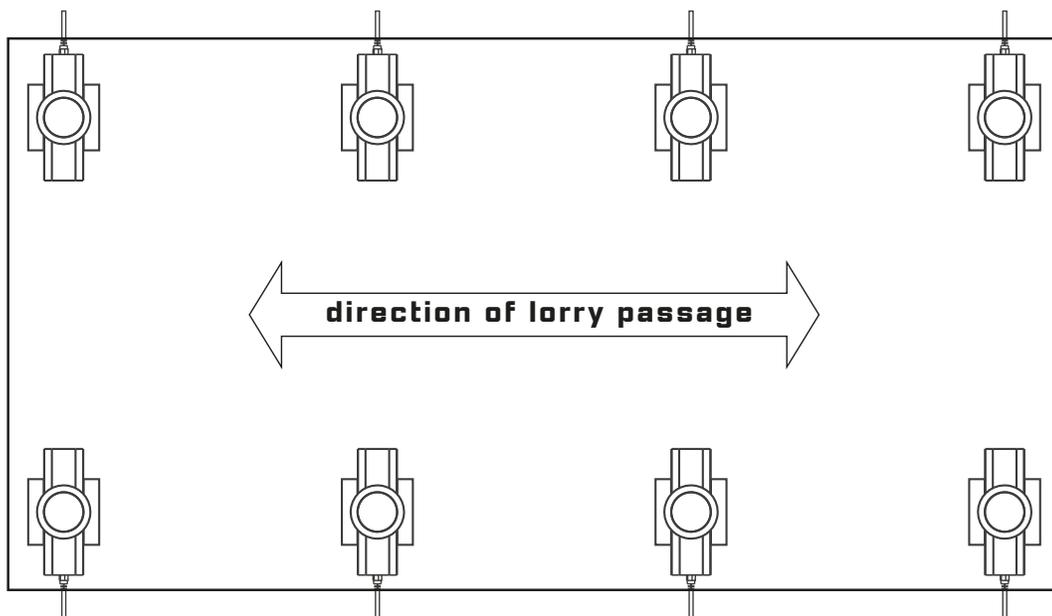
Truck scales,  
Checkweigher,  
Tanks and Silos



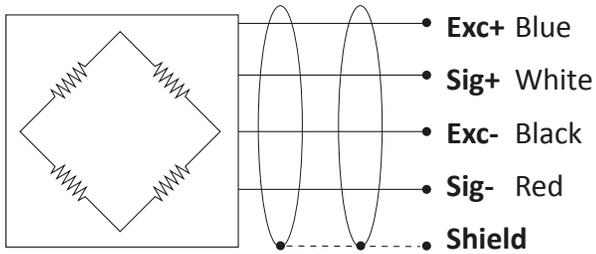
**DIMENSIONS** in inches (millimeters)



Cabling should be routed to the outside of the platform



## CABLE DIAGRAM



## TECHNICAL DATA

Rated load	t	10	20	30	40
Sensitivity	mV/V	2.0±0.002			
Total error	% F.S.	±0.03			
Creep (30 minutos)	% F.S.	±0.02			
Zero balance	% F.S.	±1			
TCO	% F.S./10°C	±0.02			
TC SPAN	% F.S./10°C	±0.02			
Input Resistance	Ω	750±10			
Output Resistance	Ω	703±2			
Insulation Resistance	MΩ	≥5000			
Operating Temp Range	°C	-30 — +70			
Nominal Temp Range	°C	-10 — +40			
Safe load limit	% F.S.	150			
Lateral load limit	% F.S.	300			
Recommend excitation	VDC	5—12			
Maximum excitation	VDC	15			
Protection Class	-	IP68			
Material	-	Alloy Steel			
Cable	-	Length: 19m; Diameter: Ø6mm			

## PART NUMBER

PRODUCTS	CAPACITIES	Part#
LOAD CELL DOUBLE-ENDED SHEAR BEAM BLCQ	30t	10561
LOAD CELL DOUBLE-ENDED SHEAR BEAM BLCQ	40t	10562

### FIND US

10384 W State road 84 #6 - Davie, FL 33324  
sales@weightechusa.com  
weightechusa.com  
**Technical Support:** +1 (954) 666-0877x302  
**Sales:** +1 (954) 666-0877x305

### MORE INFO



[PRODUCT PAGE](#)