

# BLX

## Shear Beam Load cell



**Widely used for weighing tanks and silos**



# BLX

## Load cell

Stainless steel construction, widely used for weighing tanks and silos.



### LASER SEALED

Protected against submersion and completely sealed against dust and debris. Protection class IP67 for cells up to 2t and IP68 for cells 3t, 5t and 7.5t.

### RESISTANT

Built in stainless steel, which offers broad weather resistance and aggressive areas.

### EXCELLENT VALUE

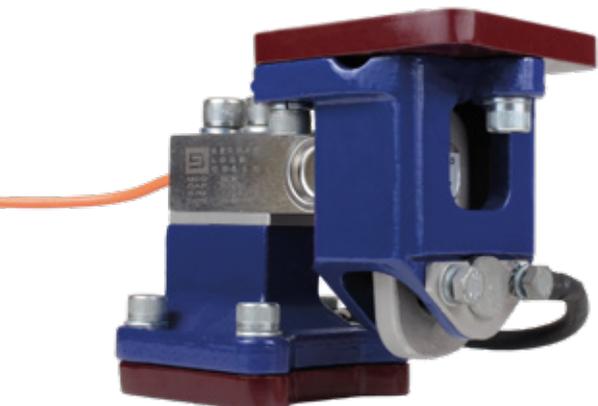
Highly reliable, easy to install and provide excellent value for money.

### COMPATIBLE SUPPORT

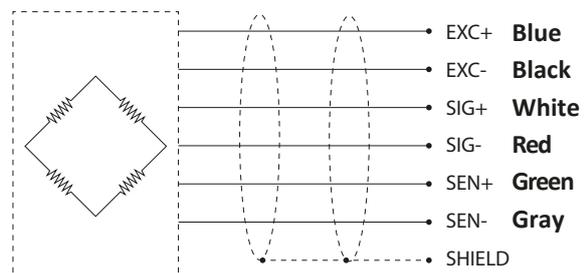
Full compatibility with the SIPX-BLME support, made of stainless steel, with wide tolerance to lateral displacements.

### CARBON STEEL VERSION

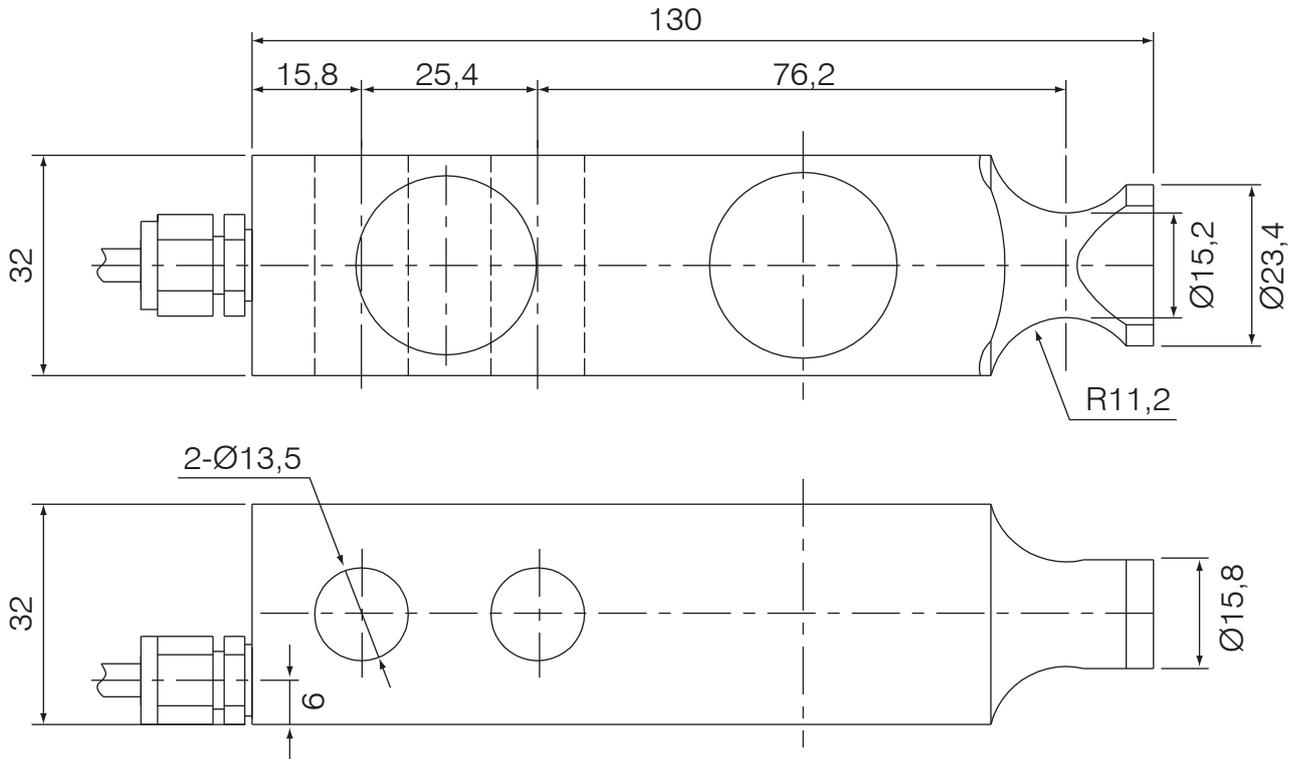
Version in hardened steel alloy that features resistance to aggressive environments.



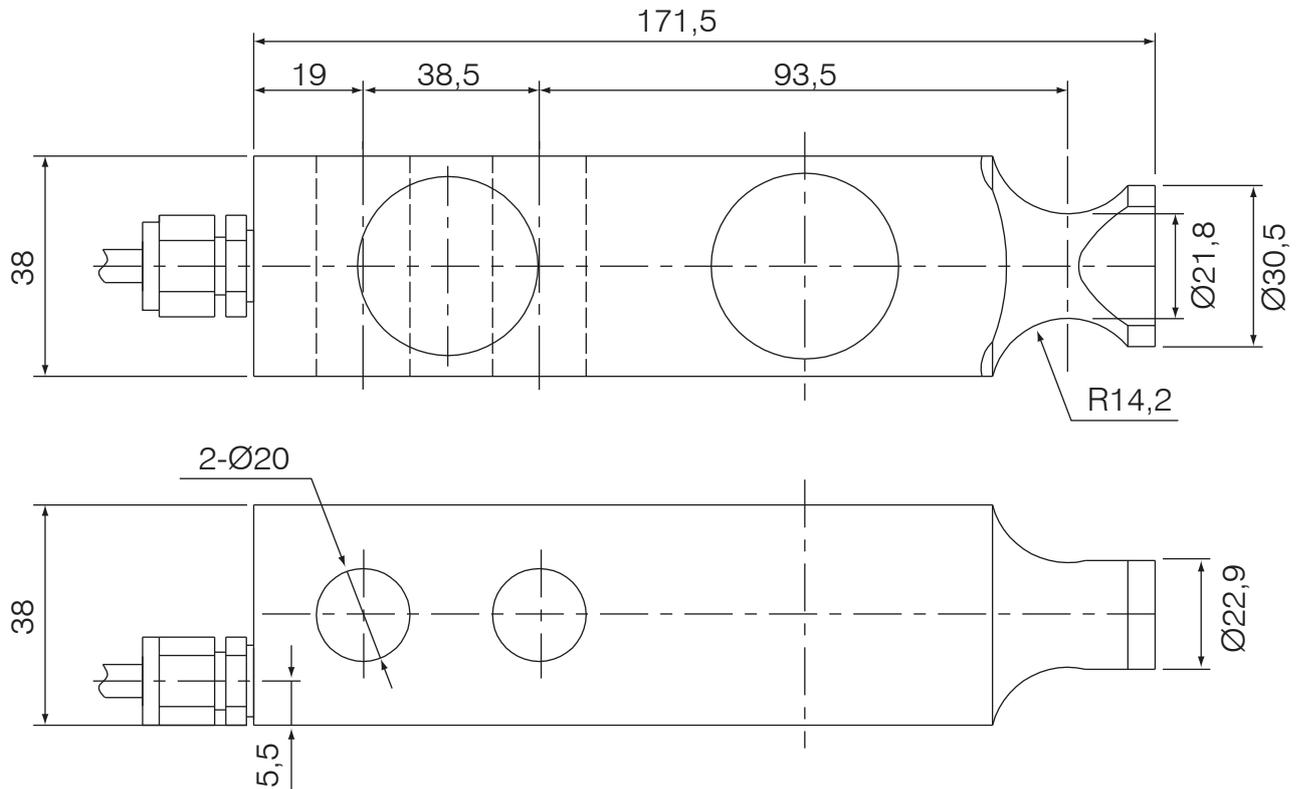
### WIRING DIAGRAM



## DIMENSIONS FOR UP TO 3t (mm)



## DIMENSIONS FOR UP TO 7,5t (mm)



## TECHNICAL DATA

Rated load	t	2	3	5	7,5
Sensitivity	mV/V	2,0 ± 0.003			
Total error	%F.S	± 0,05			
Creep (30 minutos)		± 0,03			
Zero balance		± 1			
TCO	%F.S/ 10°C	± 0,02			
TC SPAN		± 0,02			
Input resistance	Ω	400 ± 10		400 ± 20	
Output resistance		352 ± 2		352 ± 3	
Insulation resistance	MΩ	≥ 5000			
Nominal temp range	°C	-10 ~ +40			
Operating temp range		-30 ~ +70			
Save overload	%F.S	150			
Ultimate overload		200		300	
Recommend excitation	VDC	5 ~ 12			
Maximum excitation		15			
Protection Class	-	IP67		IP68	
Material	-	stainless steel			
Cable	-	length: 5m   Diameter: Ø5mm			

## WEIGHTECH CODES

Product's name	Code
Berman BLX-2t Load Cell	30162
Berman BLX-3t Load Cell	30167
Berman BLX-5t Load Cell	30163
SIPX-BLME-3t weighing module	30164
SIPX-BLME-5-7,5t weighing module	30157