

TZ6

BEAM LOAD CELL



**TOTALCOMP
TZ6**

Totalcomp's TZ6 Stainless Steel Beam Load Cell offers High Performance Accuracy with Low Profile

✓ *Hermetically Sealed
to IP68-OIMLR60.*

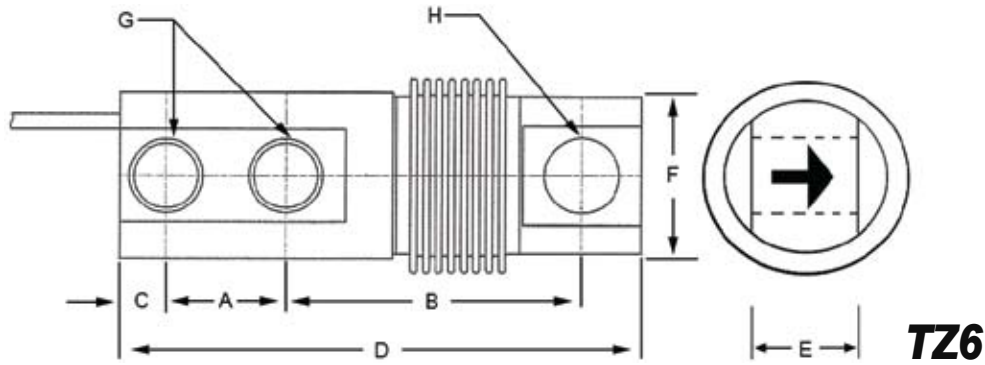
✓ *Stainless Steel
construction.*

✓ *Interchangeable with Tede
355, Revere SHB, HBM Z6,
kg. Scame F60X.*

✓ *Capacities from 5 kg to 500*

 **Totalcomp**[®]

Scales & Components



Stainless Steel Bending Beam Load Cell

The *Totalcomp* TZ6 Series beam load cells ensure superior measurements in harsh washroom environments.

Part Number	Toledo	Capacity	Weight	A	B	C	D	E	F	G	H
TZ6-5	TB600654-030	5 kg	2 lb	0.71	3.23	0.24	4.56	0.79	1.06	0.32	0.32
TZ6-10	TB600655-030	10 kg	2 lb	0.71	3.23	0.24	4.56	0.79	1.06	0.32	0.32
TZ6-20	TB600656-030	20 kg	2 lb	0.71	3.23	0.24	4.56	0.79	1.06	0.32	0.32
TZ6-50	TB600657-030	50 kg	2 lb	0.71	3.23	0.24	4.56	0.79	1.06	0.32	0.32
TZ6-100	TB600658-030	100 kg	2 lb	0.71	3.23	0.24	4.56	0.79	1.06	0.32	0.32
TZ6-200	083298-020	200 kg	2 lb	0.71	3.23	0.24	4.56	0.79	1.06	0.32	0.32
TZ6-250		250 kg	2 lb	0.71	3.23	0.24	4.56	0.79	1.06	0.32	0.32

Performance

Full Scale Output
2.00 mV/V

Combined Error
±0.03% FS

Nonlinearity
±0.03% FS

Hysteresis
±0.03%

Creep
±0.25% FS in 30 min

Non-Repeatability
±0.25% FS

Zero Balance
±0.04% FS

Overload Safe
150% FS

Overload Ultimate
300% FS

Electrical
Bridge Resistance
Input 380 ohms
Output 350 ohms

Excitation Voltage
10VDC (15VDC Max)

Insulation Resistance
2KM ohms @ 520VDC

Temperature

Compensated Range
-10°C to +40°C

Temperature Operating Range
-30°C to +70°C

Effect on Zero Balance
0.0035 % FS/deg F

Effect on FS Output
0.0014 % FS/deg F

Mechanical

Material
Stainless Steel

Finish
Polished SS

Sealing
IP67

Wiring

Cable Length & Type
3m, 6 conductor

Cable Color Code
+ Excitation.....Blue
- Excitation.....Black
+ Sense.....Green
- Sense.....Gray
+ Output.....White
- Output.....Red
Shield.....Bare

TOTALCOMP LIMITED WARRANTY

Totalcomp warrants this product to be free of defects in materials and/or workmanship and suitable for the purpose(s) intended as outlined on this sheet. This warranty is effective and shall cover the purchaser for one year from the date of shipment from our plant. If this product is found to be defective by our inspection in accordance with the above listed criteria, we will replace or repair it at our expense. For warranty service, please obtain a return authorization number from us and return the item, shipping prepaid, with a written description of the problem. We will respond promptly with the results of our evaluation.