



GCELL FARASOO TOWZIN

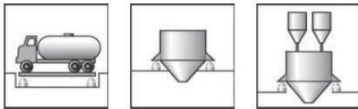
Model : BK 10t,20t,30t,40t,50t

Self-restoring

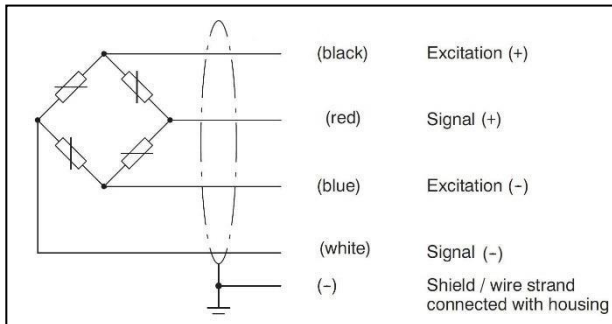
Rocker pin load

Special features:

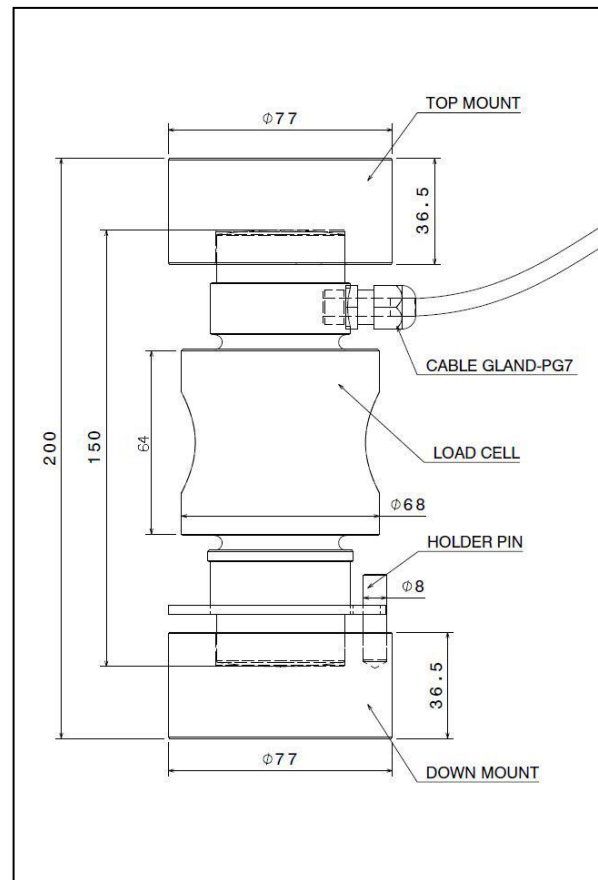
- ✓ Self-restoring function
- ✓ Simple to install
- ✓ Legal for trade verification
- Up to 4000 d (OIML R60)
Optimized for parallel connection by corner pre adjustment



Wiring code (4 wire circuit):



Dimensions & accessories:





SPECIFICATIONS											UNIT
Type	BK										
Accuracy class acc. to OIML R60	C3					C4					
Maximum capacity(E _{max})	10t	20t	30t	40t	50t	10t	20t	30t	40t	50t	
Max. numbers o f load cell verification intervals(N _{LC})	3,000					4,000					
Combined error	≤ ± 0.02					≤ ± 0.015					% E _{max}
Temperature effect on sensitivity (TK _c)	≤ ± 0.02					≤ ± 0.015					Fs/10°C
Temperature effect on minimum dead load output	≤ ± 0.02					≤ ± 0.015					Fs/10°C
Sensitivity (C _N)	2 ± 1%										mV/V
Min. load cell verification interval (V _{min})	10,000										
Input resistance (black-blue)	700 ± 20										Ω
Output resistance (red-white)	700 ± 7										Ω
Nominal range of excitation voltage (B _u)	5.. 12										V _{DC}
Insulation resistance (100 V _{DC})	>5										GΩ
Compensated temperature range	-10 .. +40										°C
Operating temperature range	-40 ..+80										°C
Limit load (E _L)	150										% of E _{max}
Breaking load (E _D)	200										% of E _{max}
Weight (G) with cable approx.	2.8										kg
Protection grade	IP68										
Cable length	16										m
Material: measuring body + housing	Alloy steel										



GCELL FARASOO TOWZIN

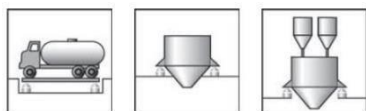
Model: BKP 22t,30t

Self restoring

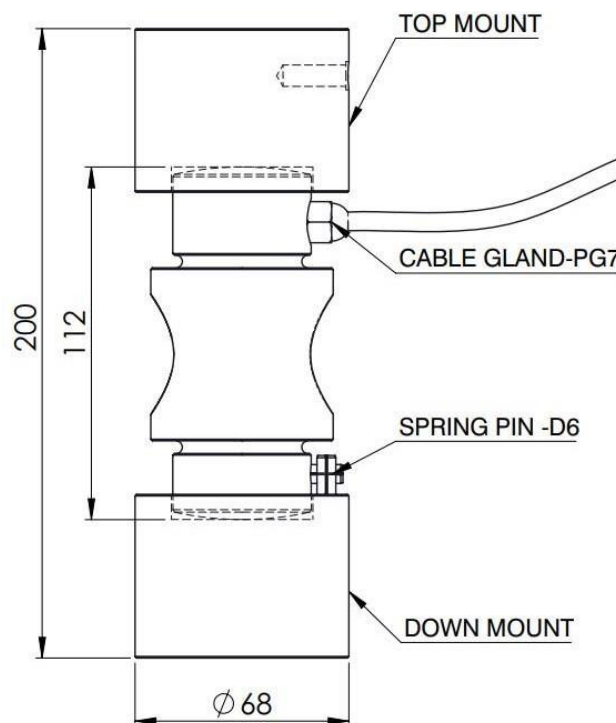
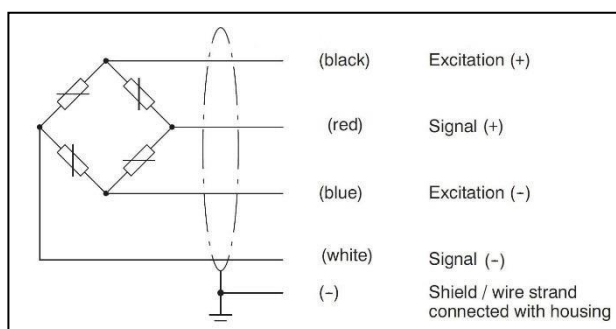
Rocker pin load cell

Special features:

- ✓ Self-restoring function
- ✓ Low profile
- ✓ Simple to install
- ✓ Legal for trade verification
- Up to 4000 d (OIML R60)
Optimized for parallel connection by
Corner pre adjustment



Wiring code (4 wire circuit):





SPECIFICATIONS					UNIT
Type	BKP				
Accuracy class acc. to OIML R60	C3		C4		
Maximum capacity(E _{max})	22t	30t	22t	30t	
Max. numbers o f load cell verification intervals(N _{LC})	3,000		4,000		
Combined error	≤ ± 0.02		≤ ± 0.015		% E _{max}
Temperature effect on sensitivity (TK _c)	≤ ± 0.02		≤ ± 0.015		Fs/10 °c
Temperature effect on minimum dead load output	≤ ± 0.02		≤ ± 0.015		Fs/10 °c
Sensitivity (C _N)	2.0 ±1%	2.85 ±1%	2.0 ±1%	2.85 ±1%	mV/V
Min. load cell verification interval (V _{min})	10,000				
Input resistance (black-blue)	700 ± 20				Ω
Output resistance (red-white)	700 ± 7				Ω
Nominal range of excitation voltage (B _u)	5.. 12				V _{DC}
Insulation resistance (100 V _{DC})	>5				GΩ
Compensated temperature range	-10 .. +40				°c
Operating temperature range	-40 ..+80				°c
Limit load (E _L)	150				% of E _{max}
Breaking load (E _D)	200				% of E _{max}
Weight (G) with cable approx.	2				kg
Protection grade	IP68				
Cable length	13				m
Material: measuring body + housing	Alloy steel				



GCELL FARASOO TOWZIN

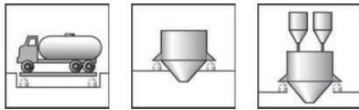
Model : BKL 5t,10t

Self-restoring

Rocker pin load cell

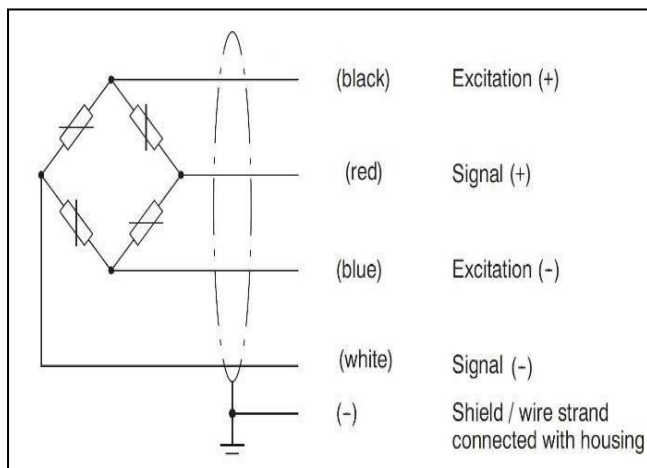
Special features:

- ✓ Self-restoring function
 - ✓ Low profile
 - ✓ Simple to install
 - ✓ Legal for trade verification
 - Up to 3000 d (OIML R60)
- Optimized for parallel connection by
Corner pre adjustment

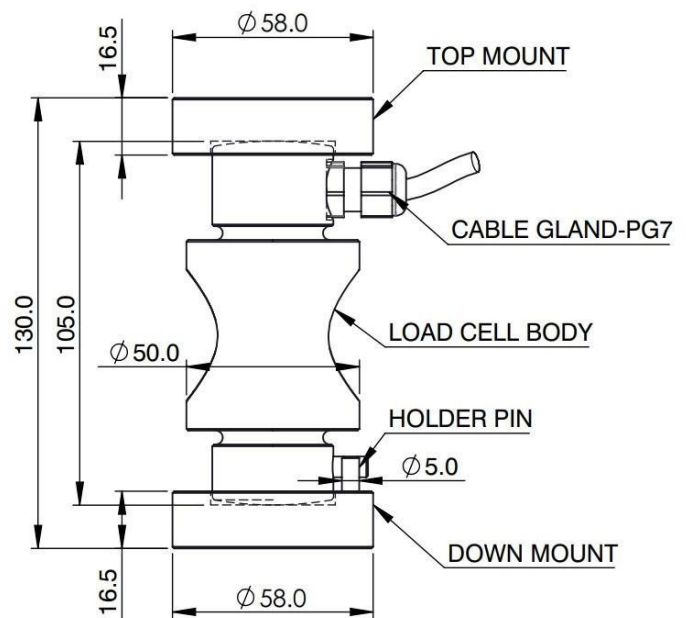


Wiring code (4 wire circuit):

Dimensions & accessories:



Dimensions & accessories:



SPECIFICATIONS			UNIT
Type	BKL		
Accuracy class acc. to OIML R60	C3		
Maximum capacity(E _{max})	5t	10t	
Max. numbers o f load cell verification intervals(N _{LC})	3,000		
Combined error	≤ ± 0.02		% E _{max}
Temperature effect on sensitivity (TK _c)	≤ ± 0.02		Fs/10°C
Temperature effect on minimum dead load output	≤ ± 0.02		Fs/10°C
Sensitivity (C _N)	1 ±1%	2 ±1%	mV/V
Min. load cell verification interval (V _{min})	5,000		
Input resistance (black-blue)	700 ± 20		Ω
Output resistance (red-white)	700 ± 7		Ω
Nominal range of excitation voltage (B _u)	5.. 12		V _{DC}
Insulation resistance (100 V _{DC})	>5		GΩ
Compensated temperature range	-10 .. +40		°c
Operating temperature range	-40 ..+80		°c
Limit load (E _L)	150		% of E _{max}
Breaking load (E _D)	200		% of E _{max}
Weight (G) with cable approx.	1.2		kg
Protection grade	IP68		
Cable length	6		m
Material: measuring body + housing	Alloy steel		



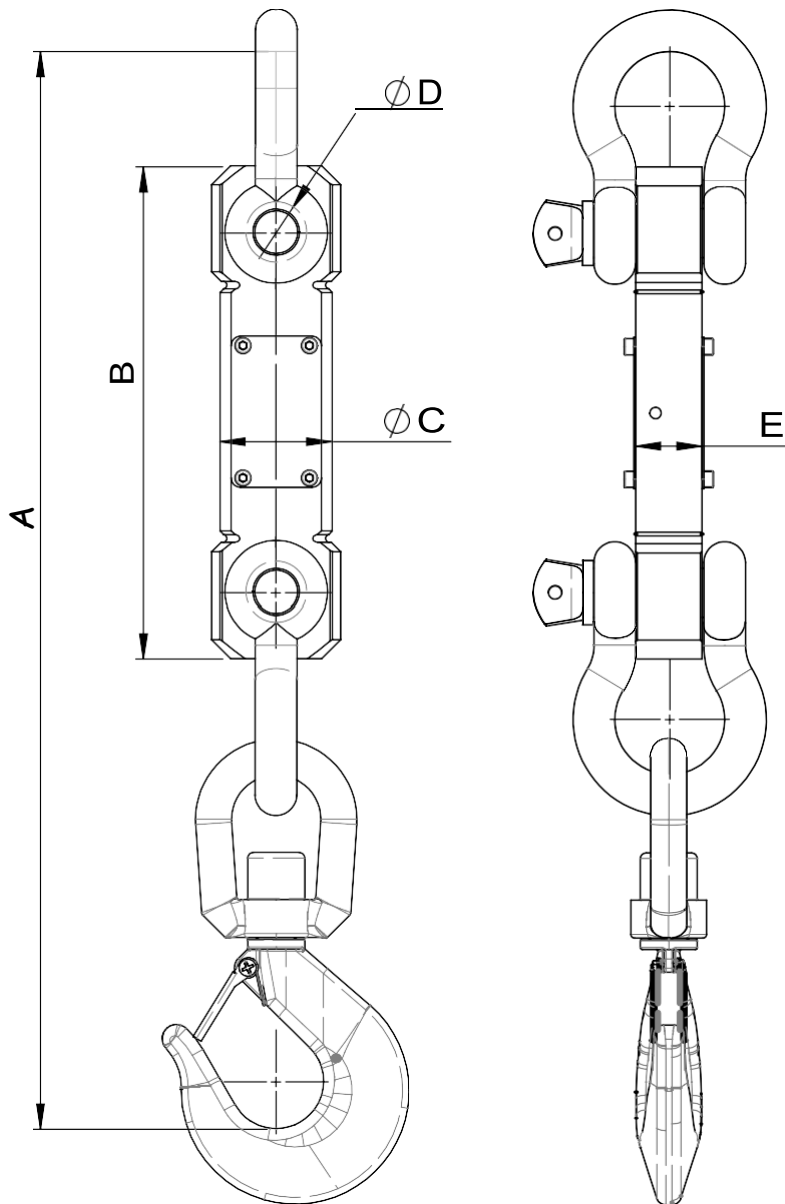
GCELL FARASOO TOWZIN

Model : CR 5t,10t,20t

Special features:

- ✓ Alloy steel Construction
- ✓ Direct mounting of Weight indicator
- ✓ IP67
- ✓ Crane load cell
 - Up to 3000 d
- ✓ Standard shackle and hook

SPECIFICATIONS				UNIT
Type	CR			
Accuracy class acc. to OIML R60	C3			
Maximum capacity($E_{\max}$)	5t	10t	20t	
Max. numbers of load cell verification intervals(N_{LC})	3,000			
Combined error	$\leq \pm 0.02$	$\leq \pm 0.015$		% $E_{\max}$
Temperature effect on sensitivity (TK_c)	$\leq \pm 0.02$	$\leq \pm 0.015$		Fs/10°C
Temperature effect on minimum dead load output	$\leq \pm 0.02$	$\leq \pm 0.015$		Fs/10°C
Sensitivity (C_N)	1 ±1%			mV/V
Input resistance (black-blue)	700 ± 20			Ω
Output resistance (red-white)	700 ± 7			Ω
Nominal range of excitation voltage(B_u)	5.. 12			V _{DC}
Insulation resistance (100 V _{DC})	>5			GΩ
Compensated temperature range	-10 .. +40			°C
Operating temperature range	-40 ..+80			°C
Limit load (E_L)	150			% of $E_{\max}$
Breaking load (E_D)	200			% of $E_{\max}$
Material: measuring body + housing	Alloy steel			



	DIMENSIONS (MM)		
	CR-5t	CR-10t	CR-20t
A	570	740	1060
B	260	270	340
C	59	70	100
D	28	38	54
E	35	49	70



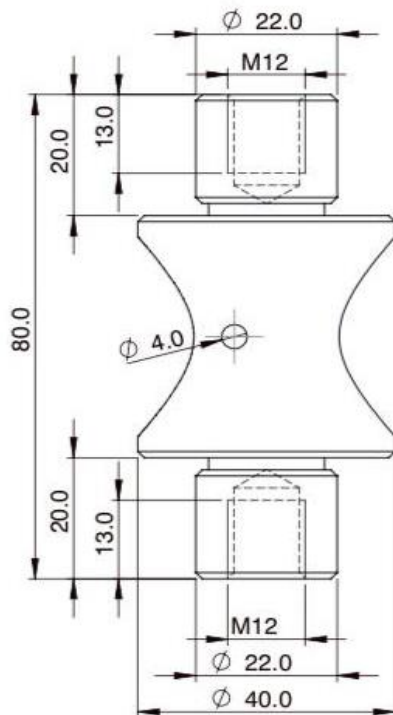
GCELL FARASOO TOWZIN

Model: TNS-1500



Special features:

- ✓ Alloy steel construction
- ✓ Tension or compression applications
- ✓ Nickel-plated
- ✓ Suitable for :
Conversion scales, Hopper scales and other
Electronic Weighing devices
- ✓ Compatible with **S** type load cell
- ✓ Up to 3000 d



SPECIFICATIONS			UNIT
Type	TNS		
Accuracy class acc. to OIML R60	C3		
Maximum capacity($E_{\max}$)	1500		Kg
Max. numbers o f load cell verification intervals(N_{LC})	3,000		
Combined error	$\leq \pm 0.02$	$\leq \pm 0.015$	% $E_{\max}$
Temperature effect on sensitivity (TK_c)	$\leq \pm 0.02$	$\leq \pm 0.015$	Fs/10°C
Temperature effect on minimum dead load output	$\leq \pm 0.02$	$\leq \pm 0.015$	Fs/10°C
Sensitivity (C_N)	$2 \pm 1\%$		mV/V
Min. load cell verification interval ($V_{\min}$)	5000		
Input resistance (black-blue)	700 ± 20		Ω
Output resistance (red-white)	700 ± 7		Ω
Nominal range of excitation voltage (B_u)	5.. 12		V _{DC}
Insulation resistance (100 V _{DC})	>5		G Ω
Compensated temperature range	-10 .. +40		°C
Operating temperature range	-40 ..+80		°C
Limit load (E_L)	150		% of $E_{\max}$
Breaking load (E_D)	200		% of $E_{\max}$
Protection grade	IP67		
Cable length	3		m
Material: measuring body + housing	Alloy steel		

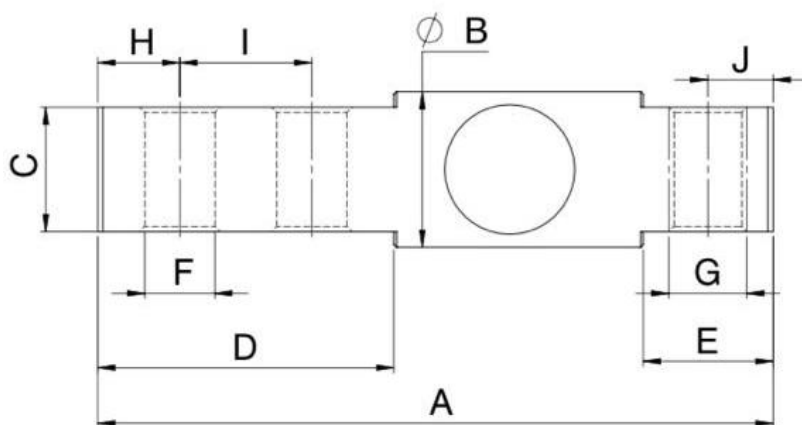


GCELL FARASOO TOWZIN

Model: BEM 1000kg, 5000kg

Special features:

- ✓ Alloy steel construction
- ✓ Platform scales
- ✓ Hopper and tank weighing systems
- Up to 3000 d



	DIMENSIONS (MM)	
	BEM-1000	BEM-5000
A	130	170
B	30	39.5
C	24	32
D	57	76
E	25	35
F	13.5	19
G	M12X1.75	M18X1.5
H	15.8	19
I	25.4	38.1
J	12.6	17.7



SPECIFICATIONS			UNIT
Type	BEM		
Accuracy class acc. to OIML R60	C3		
Maximum capacity($E_{\max}$)	1000	5000	Kg
Max. numbers of load cell verification intervals(N_{LC})	3,000		
Combined error	$\leq \pm 0.02$	$\leq \pm 0.015$	% $E_{\max}$
Temperature effect on sensitivity (TK_c)	$\leq \pm 0.02$	$\leq \pm 0.015$	Fs/10°C
Temperature effect on minimum dead load output	$\leq \pm 0.02$	$\leq \pm 0.015$	Fs/10°C
Sensitivity (C_N)	$3 \pm 1\%$		mV/V
Min. load cell verification interval ($V_{\min}$)	5000		
Input resistance (black-blue)	700 ± 20		Ω
Output resistance (red-white)	700 ± 7		Ω
Nominal range of excitation voltage (B_U)	5.. 12		V _{DC}
Insulation resistance (100 V _{DC})	>5		G Ω
Compensated temperature range	-10 .. +40		°C
Operating temperature range	-40 ..+80		°C
Limit load (E_L)	150		% of $E_{\max}$
Breaking load (E_D)	200		% of $E_{\max}$
Protection grade	IP67		
Cable length	3		m
Material: measuring body + housing	Alloy steel		