

## General information

PWS3220250720

The BLH NOBEL KOSD load cell is easy and immediate to install and its cylindrical shape facilitates replacement in case of need. The KOSD load cell is suitable for force measurement applications and it is ideal for cranes and offshore installations.



## Suggested related products

A highly performing weighing system must be accurate, perfectly calibrated and well maintained. In order to improve the load cell performance and to optimize its functioning, you may need the following products:

**Weight Transmitter** [UWT 6008](#)

**Weight Transmitter** [DAT 1400](#)

**Weight Indicator** [MCT 1302](#)

**Tester 1008** [TESTER 1008](#)

**Junction Box** [CGS4-C](#)

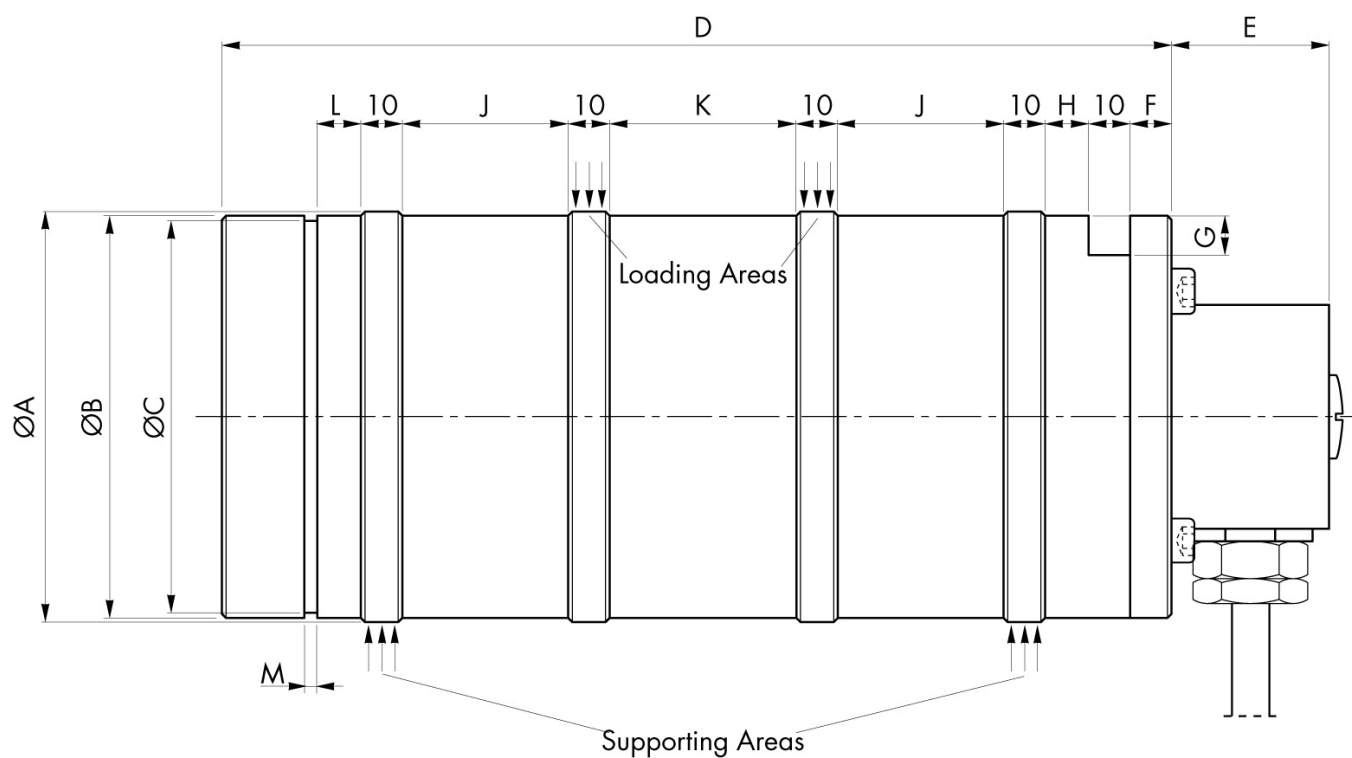
All indicated data may be changed without notice.  
All the measures indicated are expressed in millimeters (mm).

## Technical specifications

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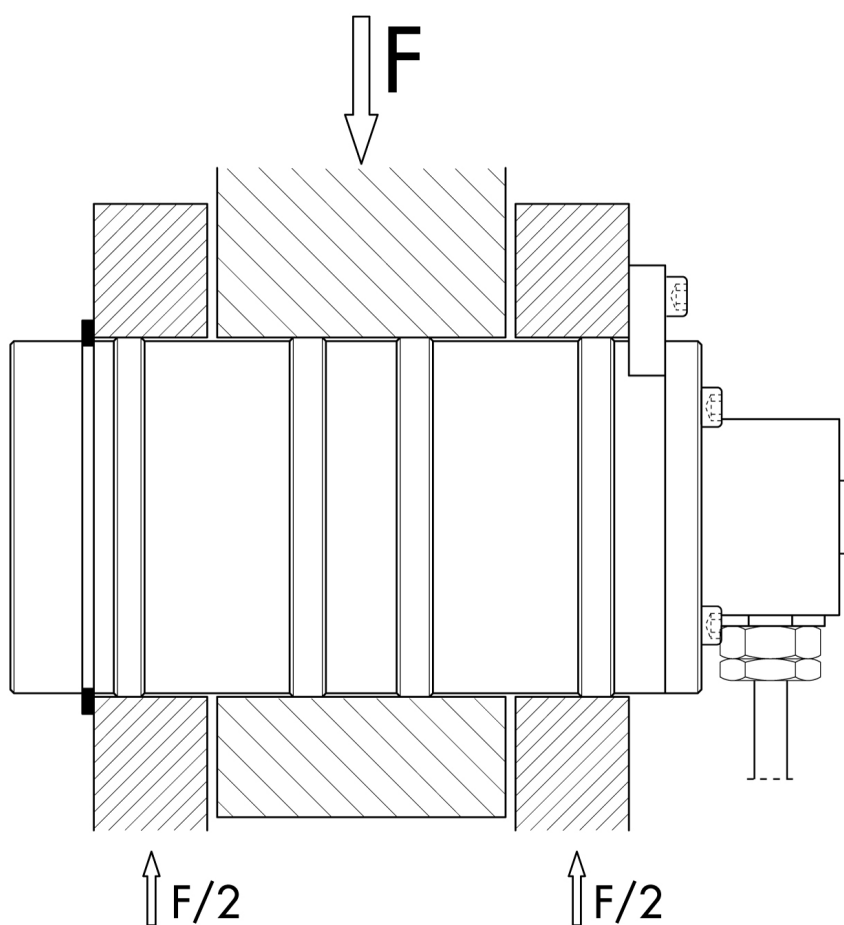
<b>Rated load RL:</b>	1000, 2000 kN
<b>Combined error:</b>	±1 % RO
<b>Repeatability:</b>	0.5 % RO
<b>Safe overload:</b>	100 % RL
<b>Ultimate overload:</b>	200 % RL
<b>Safe sideload:</b>	100 % RL
<b>Ultimate sideload:</b>	200 % RL
<b>Material:</b>	Stainless steel
<b>Degree of protection:</b>	IP67
<b>Temperature range:</b>	-30 ÷ +70 °C
<b>Temperature effect on zero balance:</b>	±0.04 % RO/°C
<b>Temperature effect on output:</b>	±0.04% of output/°C
<b>Rated output RO:</b>	± 2 mV/V
<b>Zero balance:</b>	±5% of R.O.
<b>Insulation resistance:</b>	>4 G Ohm
<b>Input resistance:</b>	700 ± 5 Ohm
<b>Output resistance:</b>	700 ±5 Ohm
<b>Recommended input:</b>	10 Vdc/ac
<b>Maximum supply voltage:</b>	18 Vdc/ac
<b>Hardness:</b>	350 ÷ 20 HB

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LOAD CELL	RANGE kN	$\varnothing A$	$\varnothing B$	$\varnothing C$	D	E	F	G	H	J	K	L	M
KOSD-101	1000	99	97	94.5	352	38	10	9.5	3	40	183	3	3.15
KOSD-107	1000	99	97	94.5	189	38	10	9.5	3	40	20	3	3.15
KOSD-115	2000	130	127.5	124	279	38	10	15	9.5	45	100	9.5	4.15

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