General information

PWS3220261107

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

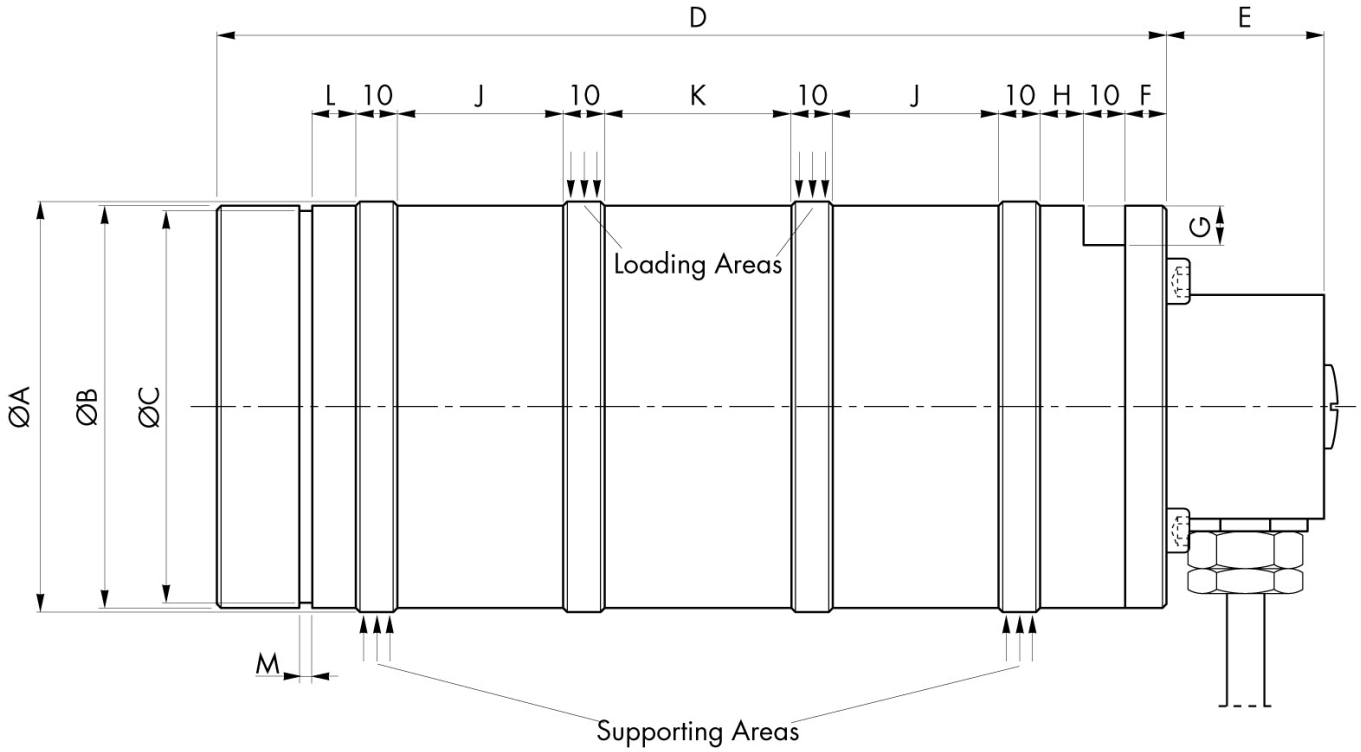
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Rated load RL:	1000, 2000 kN
Combined error:	±1 % RO
Repeatability:	0.5 % RO
Safe overload:	100 % RL
Ultimate overload:	200 % RL
Safe sideload:	100 % RL
Ultimate sideload:	200 % RL
Material:	Stainless steel
Degree of protection:	IP67
Temperature range: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

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BLH Nobel load cell **KOSD**

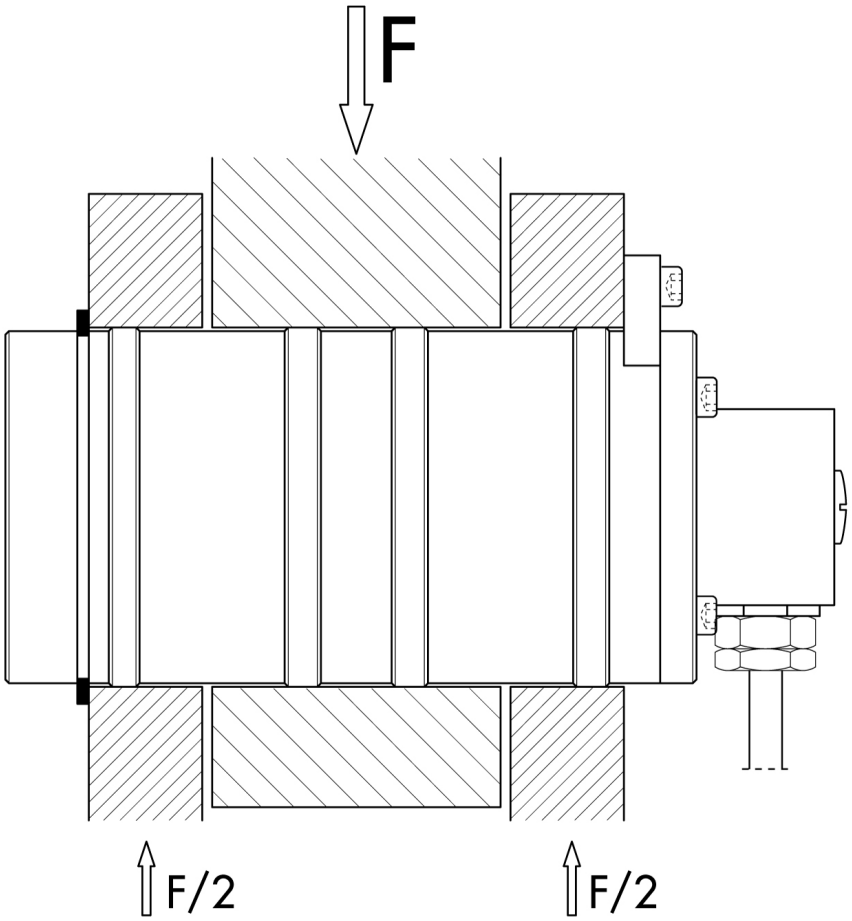
available with certification • ATEX • IECEx • SIL



LOAD CELL	RANGE kN	ØA	ØB	ØC	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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