BLH Nobel load cell **KOSD40**

available with certification • ATEX • IECEx • SIL

General information

PWS3420261123

The BLH NOBEL KOSD40 load cell is suitable to force measurement. The KOSD40 cell is easy to install and to maintain thanks to its cylindrical shape. The KOSD40 load cell is used for offshore platforms, cranes, tension measurement and level monitoring. The load cell BLH NOBEL KOSD40 is also available for extreme temperature from - 40 to + 100 °C.



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).

PAVONE SISTEMI S.R.L.
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
T (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963

Technical specifications

PWS3420261123

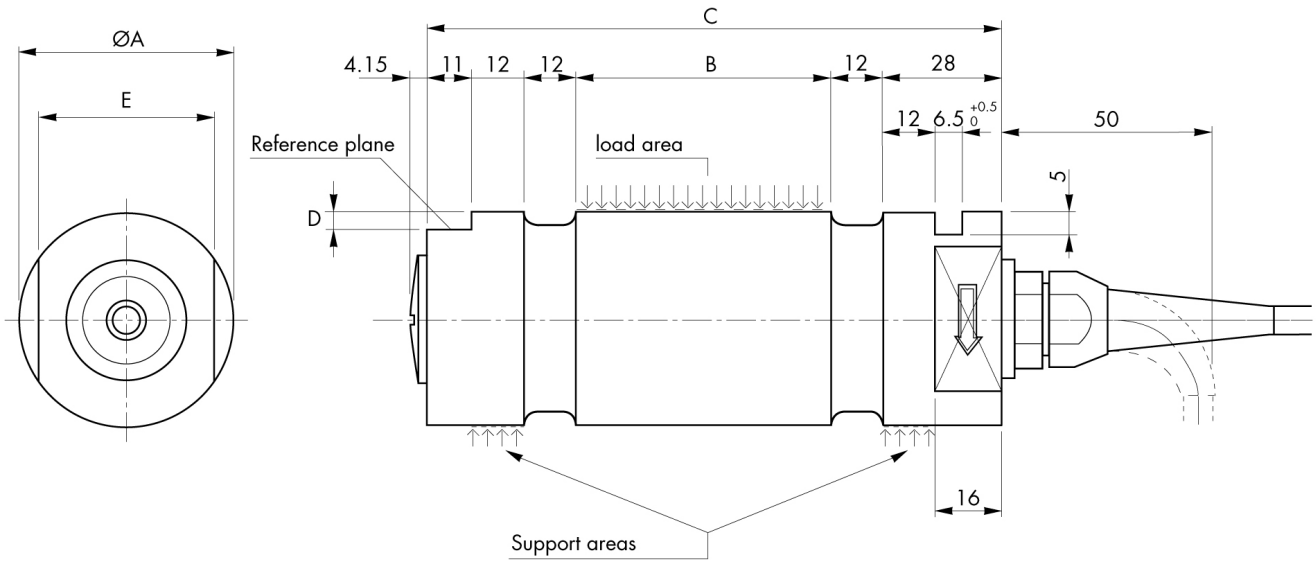
Rated load RL:	10, 20, 50, 100, 200 kN
Combined error:	±0.5 % RO
Repeatability:	0.25 % RO
Safe overload:	100 % RL
Ultimate overload:	200 % RL
Safe sideload:	100 % RL
Ultimate sideload:	200 % RL
Material:	Stainless steel
Degree of protection:	IP67
Temperature range:	-40 ÷ +80 (+100 optional)°C
Temperature effect on zero balance:	±0.04 % RO/°C
Temperature effect on output:	±0.04 % of output/°C
Rated output RO:	±1 mV/V
Zero balance:	±5 % RO
Insulation resistance:	> 4 G Ohm
Input resistance:	350 ±5 Ohm
Output resistance:	350 ±5 Ohm
Recommended input:	10 Vdc/ac
Maximum supply voltage:	18 Vdc/ac
Tolerance of shunt calibration values:	±1 %

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

PAVONE SISTEMI S.R.L.
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
T (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963

BLH Nobel load cell **KOSD40**

available with certification • ATEX • IECEx • SIL



RANGE kN	ØA	B	C	D	E
10-20-50	40 f8	35	110	4	32
100	50 f8	60	135	5	40
200	70 f8	60	135	5	60

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

PAVONE SISTEMI S.R.L.
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
T (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963