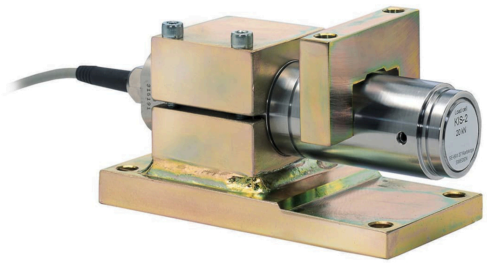
BLH Nobel load cell **KIS-2**

available with certification • ATEX • FM • IECEx

General information

PWS2020261128

The BLH NOBEL KIS 2 load cell is extremely precise and robust and it is resistant to very high lateral forces. The KIS 2 cell is easy to install, it has a moveble loading point and 5 meter 4-wire shielded cable. The BH NOBEL KIS 2 load cell can be used for weighing for dosing, mixing and melting systems, for weighing for reactors and conveyor belts, for complex weighing processes and for accurate force misalignment systems.



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).

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Industrial Electronic Weighing Systems since 1963

Technical specifications

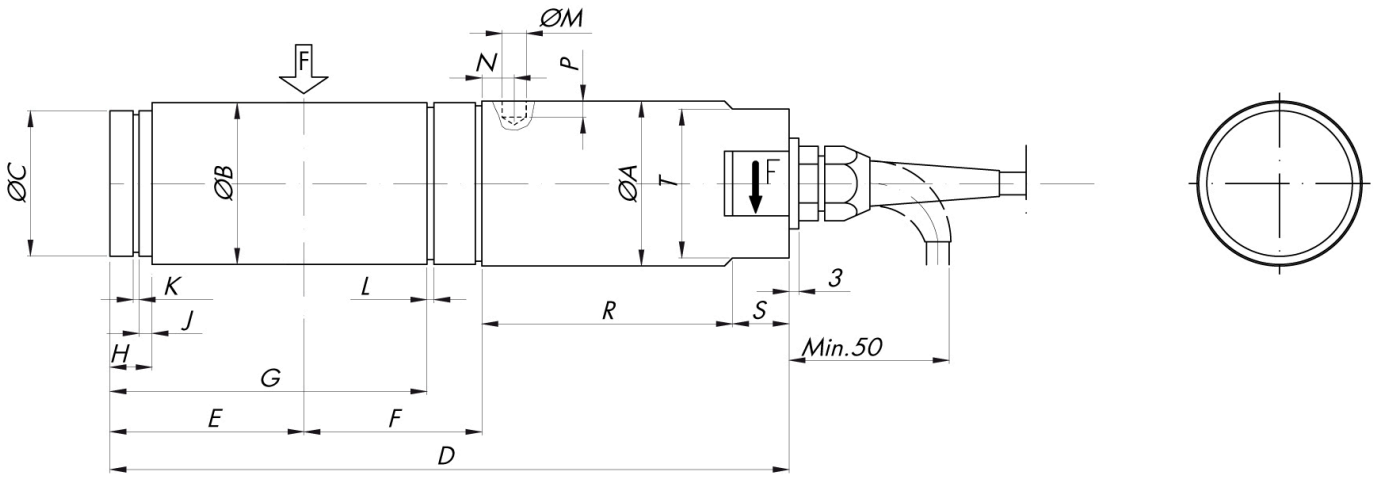
PWS2020261128

Rated load RL:	1, 2, 5, 10, 20, 30 kN
Combined error:	±0.05 % RO
Repeatability:	±0.01 % RO
Creep (30 minutes):	±0.03 % RL
Safe overload:	200, 150 for 30 kN % PN
Ultimate overload:	300 % (200% x 30 kN)
Safe sideload:	100% (50% x capacity=30kN)
Ultimate sideload:	200 % RL
Material:	Rostfreier Stahl
Degree of protection:	IP67
Temperature range:	-40 ÷ +100 °C optional
Temperature effect on zero balance:	±0.0014 % RO/°C
Temperature effect on output:	±0.0033 % output/°C
Rated output RO:	2.040 mV/V ±0.25 %
Zero balance:	±5 % RO
Insulation resistance:	> 4 G Ohm
Input resistance:	350 ±3 Ohm
Output resistance:	350 ±3 Ohm
Recommended input:	5 Vdc/ac
Maximum supply voltage:	18 Vdc/ca
Safe uplift:	100 % RL
Material (accessories):	Yellow chromate steel or stainless steel
Ultimate uplift (% of capacity):	120 % RL

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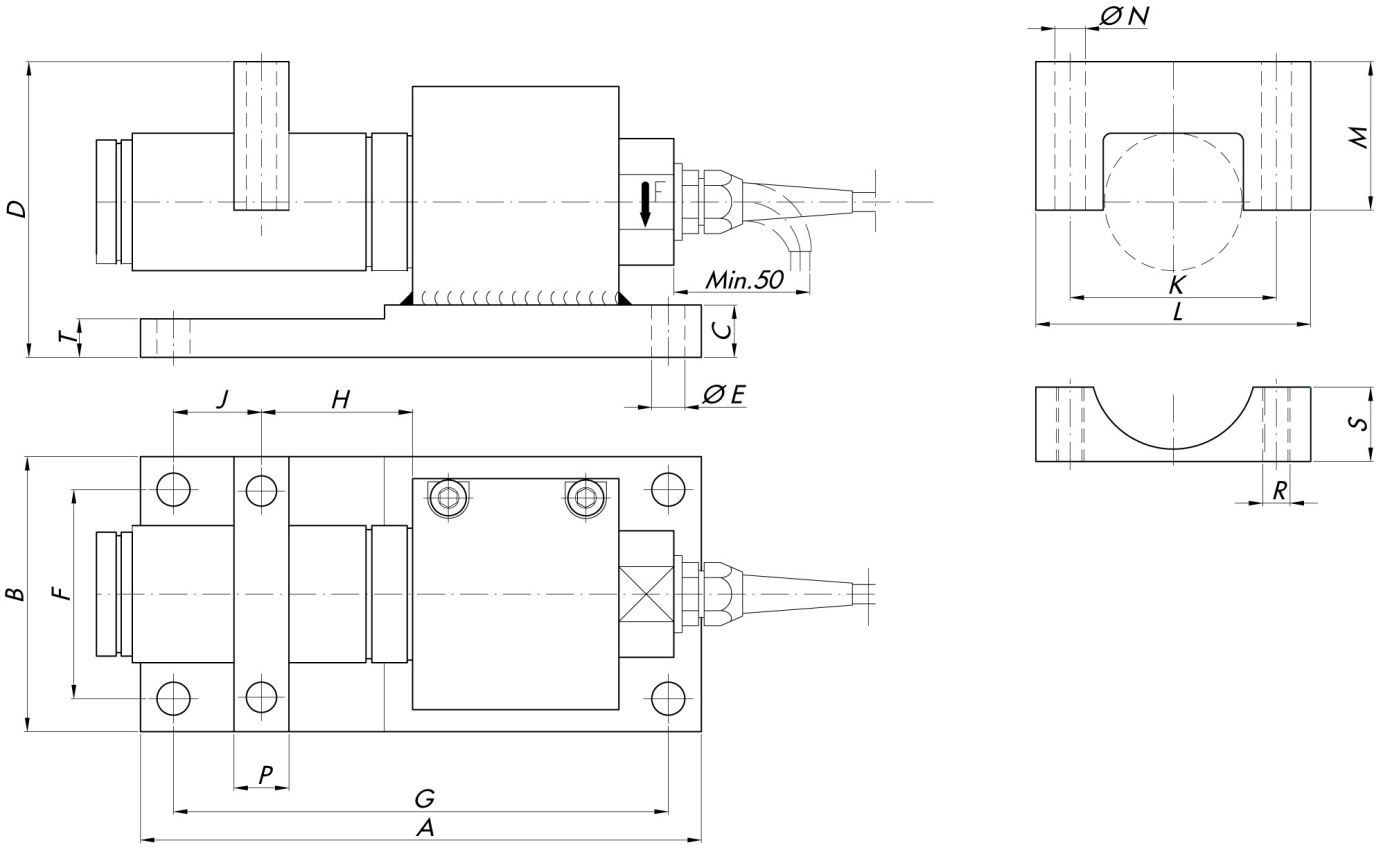
RANGE kN	ØA	ØB	ØC	D	E	F	G	H	J	K	L	ØM	N	P	R	S	T
1-2-5	34	33	29	169	46	35	-	10	2.5	1.6	-	4.4	10	2.3	70	15	30
10-20-30	51	50	45	213	60	55	97.85	13	4	1.85	2.15	7.5	12	5	75	20	46

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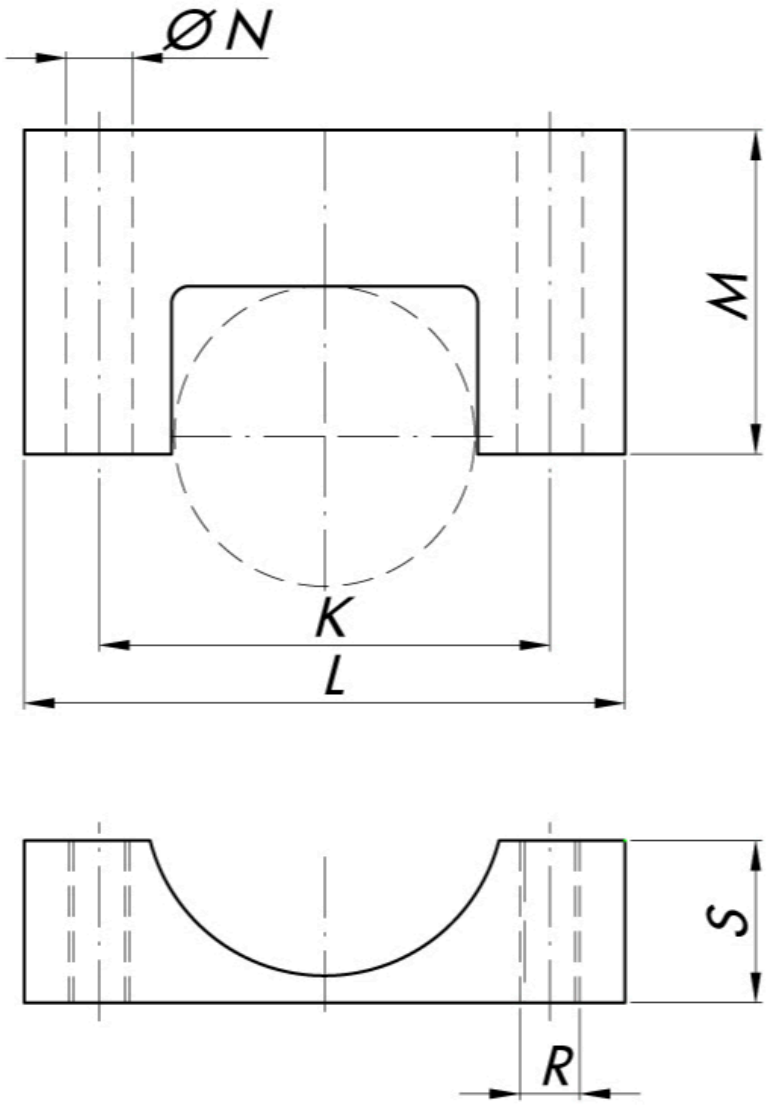
RANGE kN	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T
1-2-5	175	75	14	81	12	51	151	35	31	55	70	41	8.5	20	M8	19	14
10-20-30	204	100	19	107.5	12	76	180	55	32	75	100	54	11	20	M10	27	14

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TEFLON LINED YOKE							
RANGE kN	K	L	M	N	R	S	T
1-2-5	55	75	50	8.5	M8	14.5	25
10-20-30	100	125	63	13	M12	24	33

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