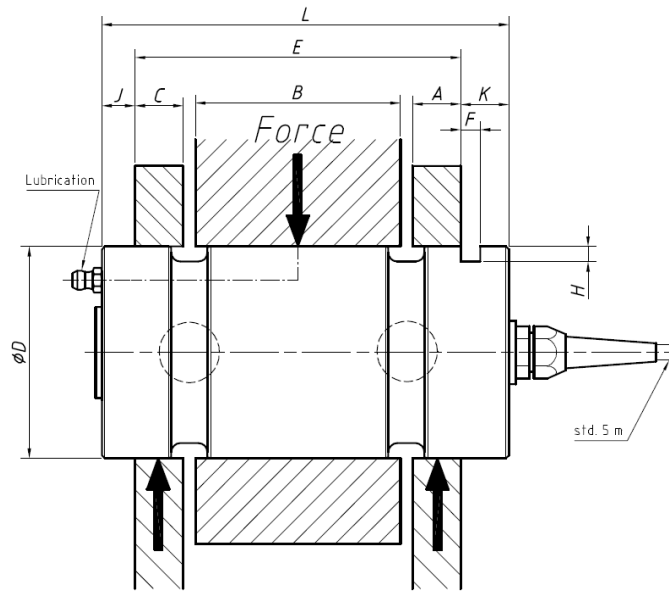


Special Load Cells



Special load cells KOSD and KIMD, tailor-made for customers specific applications. BLH Nobel has an extensive experience in designing load cells that replaces pins in existing constructions in order to measure force or weight. The BLH Nobel special load cells presents a rugged design with great performances and have been used for decades, e.g. in paper and steel industry and offshore installations. Fill in this form and send it to your BLH Nobel representative for a quotation to your application.

TYPICAL TECHNICAL DATA	KOSD	KIMD	Unit
Rated load (R.L.)	5 to 5000	0,5 to 5000	kN
Accuracy	~1	~0,25	% of R.O.
Overload safe	100	100	% of R.L.
Overload ultimate	200	200	% of R.L.
Sideload safe	100	100	% of R.L.
Sideload ultimate	200	200	% of R.L.
Input voltage recommended	10	10	V DC or AC
Input voltage maximum	18	18	V DC or AC
Input resistance	350 or 700	350	ohm
Output resistance	350 or 700	350	ohm
Rated output (R.O.)	1 to 2	1 to 2	mV/V
Temperature range	-40 to +80	-40 to +80	°C
Temperature effect non compensated:	± 0,04	± 0,04	% of output/°C
Temperature effect compensated:	± 0,005	± 0,005	% of R.O./°C
Insulation resistance at 200 V DC >	4	4	GOhm
Electrical connection	Shielded four conductor cable or connector	Shielded four conductor cable or connector	



Application description:

Dimensions:

Necessary Dimensions	{	A: _____ [mm]	Additional Dimensions	{	F: _____ [mm]
		B: _____ [mm]			H: _____ [mm]
		C: _____ [mm]			J: _____ [mm]
		ØD: _____ [mm+ tol.]			K: _____ [mm]
		E: _____ [mm]			L: _____ [mm]

Performance Parameters:

Capacity: _____ [kN]	Temp. range from: _____ [°C]
Accuracy: _____ [% of Capacity]	Temp. range to: _____ [°C]
Ingress Protection: _____ [IP]	Temperature compensated: _____ [Yes/No]
EX-approval: _____ [Yes/No]	Lubrication: _____ [Yes/No]
Material Certificate: _____ [e.g. 3.1.B]	

Cables and Connectors:

Connector

Cable { Cable length: _____ [m]
Gland: _____ [Straight/Elbow]

Material:

Stainless Steel Yellow Chromate Steel Alloy Steel