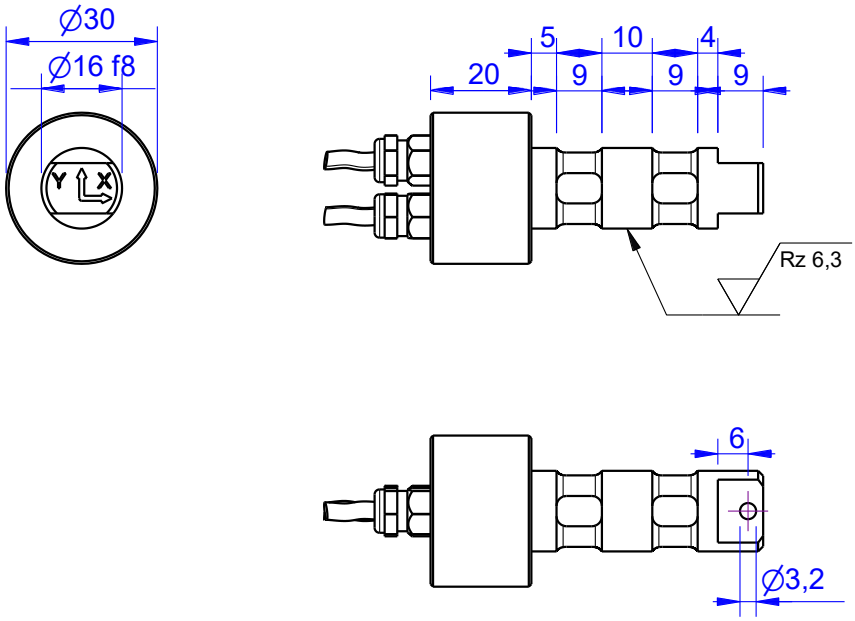
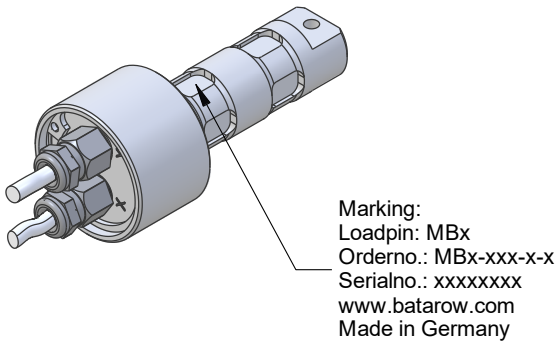
MB1717
2-Axis Load Pin

Content of Loadpin Datasheet



Ordernumber	Capacity [kN] (F.S.)	Uncertainty** [kN] (k=2)	Review
MB1717-5-x-C	5	± 0,03	C
MB1717-7-x-C	7	± 0,04	C
MB1717-10-x-C	10	± 0,05	C
MB1717-12-x-C	12	± 0,06	C
MB1717-15-x-C*	15	± 0,08	C

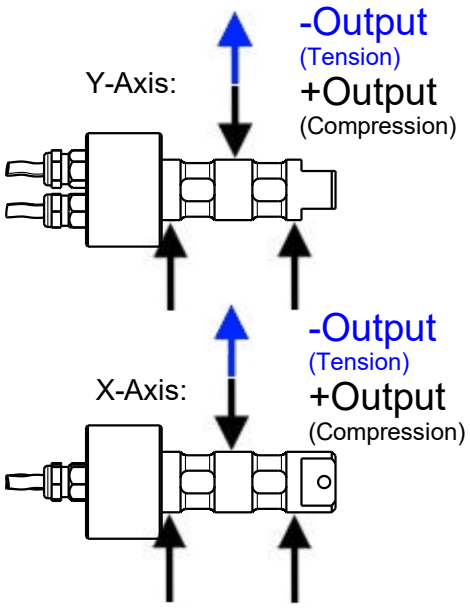


* above showed version
fixed dimensions don't change at other capacity

**Uncertainty without crosstalk; crosstalk could be up to 15%

Specifications:

Dimension / Material		
Material		Stainless Steel
Protection class		IP 66
Hardness (load area)	HRC	40..45
Mechanical Data		
Safe Load Limit	% of F.S.	115
Breaking Load	% of F.S.	230
Precision		
Nonlinearity	% of F.S.	±0,5
Nonrepeatability	% of F.S.	±0,25
Hysteresis	% of F.S.	±0,2
Temp. Shift Zero	% of F.S./K.	±0,05
Temp. Shift Span	% of F.S./K.	±0,05
Temperature		
Compensated Temp.	°C	-10...+60
Operating Temp.	°C	-20...+70



Batarow
Made in Germany

Batarow Sensorik GmbH
Gewerbegebiet 4
18276 Lüssow OT Karow

Mail: info@batarow.com
Phone: +49 (0) 3843-855555
Fax : +49 (0) 3843-855556

Internet:
www.batarow.com

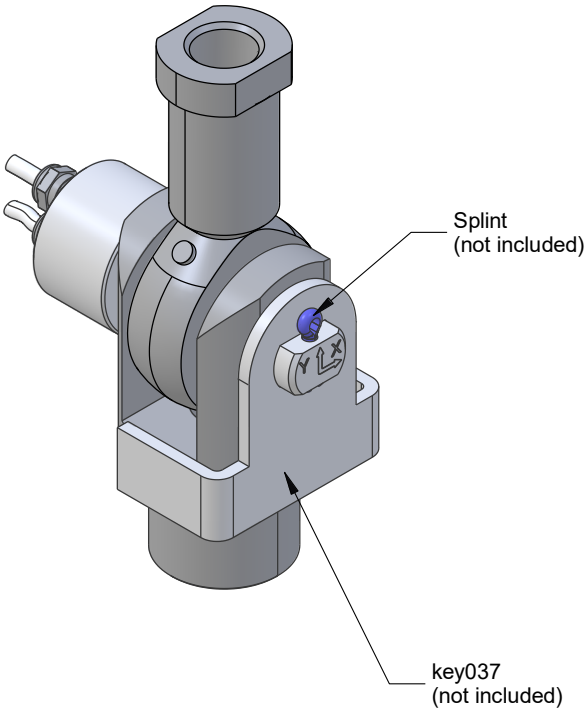
Mounting Situation

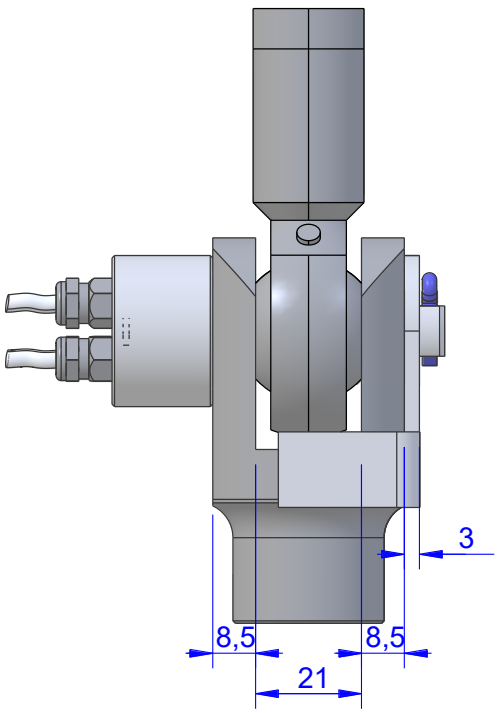
MB1717 Review: C

Bore fit of mounting situation: H7

Configuration

possible mounting situation / customer mounting could vary
(Please describe mounting situation with Vs, Ws, Xs, Ys and Zs for best possible calibration)





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Output Signal & Wiring

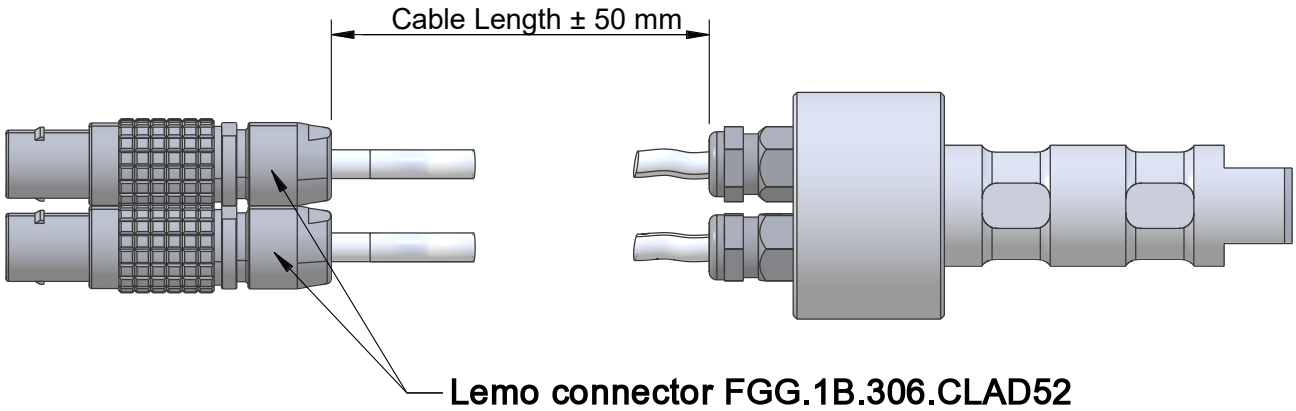
MB1717 Review: C

Analog Output mV/V (S1)

Electrical Data		
Rated Output	mV/V@F.S.	0,75
Zero Balance	mV/V	±0,05
Exitation (Maximum)	Volt	10
Input Resistance	Ohm	450±100
Output Resistance	Ohm	352±2
Insulating Resistance	GOhm	>5

Wiringcode: WC52		Cabletype: 24-4		
Cable Length	Exitation (+)	Exitation (-)	Bridge (+)	Bridge (-)
5 m	brown	white	green	yellow

Ordernumber Add-On:
MBxxx-x-S1-x



Pin 1 not connected
Pin 2 not connected
Pin 3 Bridge (+) green
Pin 4 Exitation (+) brown
Pin 5 Exitation (-) white
Pin 6 Bridge (-) yellow

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