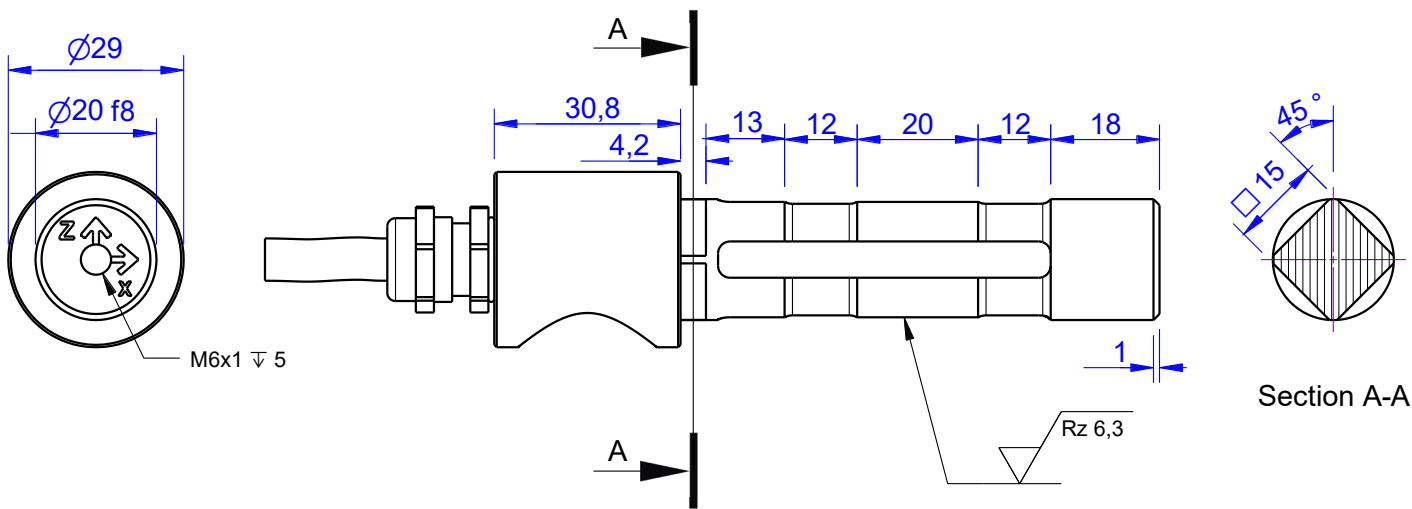


MB1913

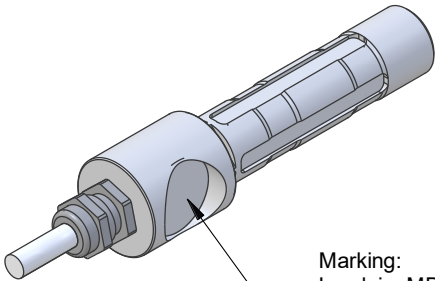
2-Axis Load Pin

Content of Loadpin Datasheet

Page 1 ... General
Page 2 ... Mounting Situation
Page 3 ... Output Signal & Wiring



Ordernumber	Capacity [kN] (F.S.)	Uncertainty** [kN] (k=2)	Review
MB1913-10-x-B	10	± 0,050	B
MB1913-12-x-B	12	± 0,060	B
MB1913-15-x-B*	15	± 0,075	B

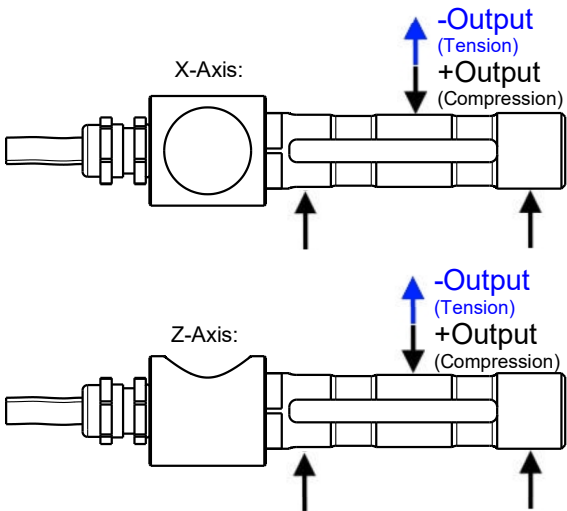


Marking:
Loadpin: MBx
Orderno.: MBx-xxx-x-x
Serialno.: xxxxxxxx
www.batarow.com
Made in Germany

* 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.	150
Breaking Load	% of F.S.	300
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



Mounting Situation

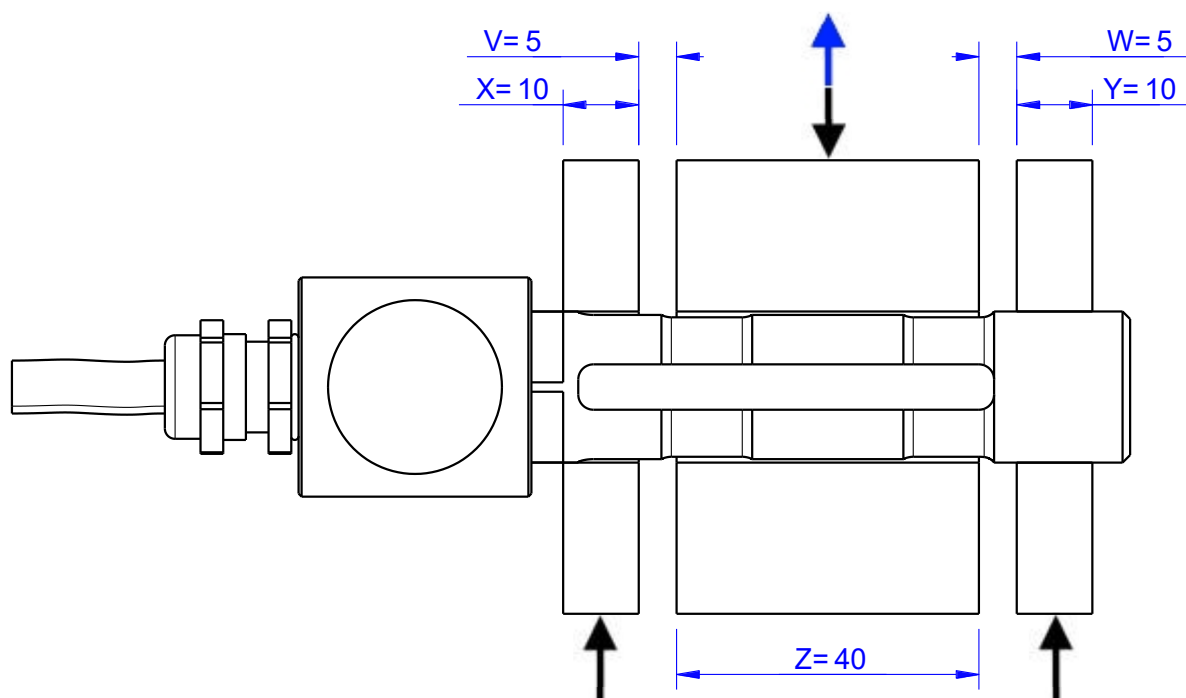
MB1913 Review: B

Bore fit of mounting situation: H7

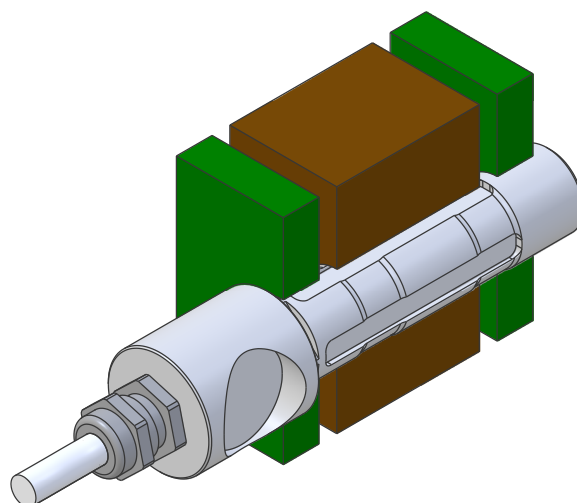
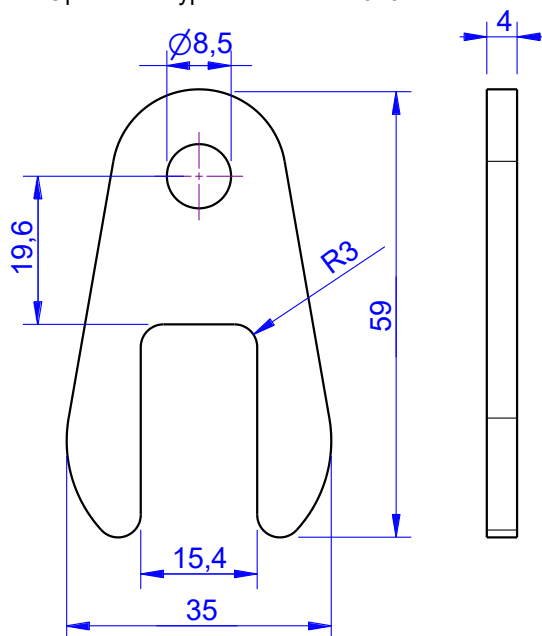
Configuration

possible mounting situation / customer mounting could vary

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



Optional: Keyplate "KEY MB1913"



Output Signal & Wiring

MB1913 Review: B

Analog Output mV/V (S1)

Electrical Data		
Rated Output	mV/V@F.S.	0,5
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:WC59			
Cabeling: 5m 4x2x0,25 PUR			
+Us (Fx)	brown	+Us (Fy)	pink
-Us (Fx)	white	-Us (Fy)	grey
+Ud (Fx)	green	+Ud (Fy)	blue
-Ud (Fx)	yellow	-Ud (Fy)	red

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