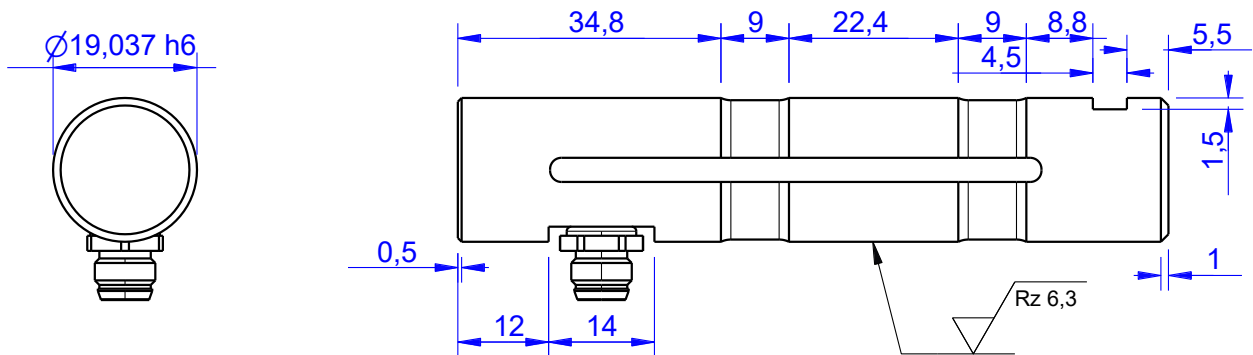


MB1733

Load Pin

Content of Loadpin Datasheet

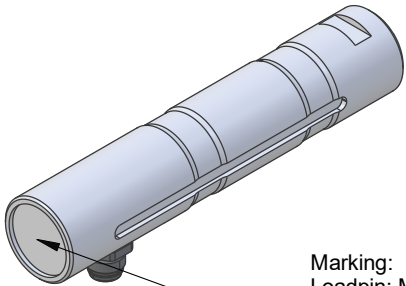
Page 1 ... General
Page 2 ... Mounting Situation
Page 3 ... Output Signal & Wiring



**** Caution The surface of the loadpin can corrode!
The material is not ductile, in case of overload
brittle fracture can cause!**

Ordernumber	Capacity [kN] (F.S.)	Uncertainty [kN] (k=2)	Review
MB1733-20-x-C	20	$\pm 0,100$	C
MB1733-25-x-C	25	$\pm 0,125$	C
MB1733-30-x-C	30	$\pm 0,150$	C
MB1733-40-x-C	40	$\pm 0,200$	C
MB1733-64-x-C*	64	$\pm 0,320$	C

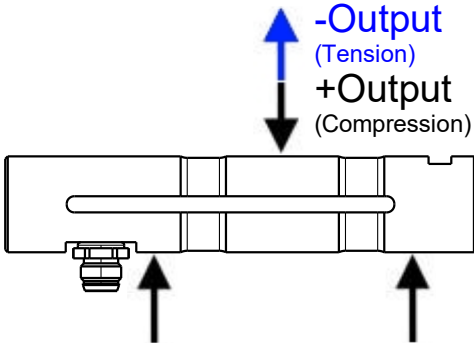
* above showed version
fixed dimensions don't change at other capacity



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

Specifications:

Dimension / Material		
Material		Steel**
Protection class		IP 66
Hardness (load area)	HRC	55..62
Mechanical Data		
Safe Load Limit	% of F.S.	110
Breaking Load	% of F.S.	200
Precision		
Nonlinearity	% of F.S.	$\pm 0,5$
Nonrepeatability	% of F.S.	$\pm 0,25$
Hysteresis	% of F.S.	$\pm 0,2$
Temp. Shift Zero	% of F.S./K.	$\pm 0,05$
Temp. Shift Span	% of F.S./K.	$\pm 0,05$
Temperature		
Compensated Temp.	$^{\circ}\text{C}$	-10...+60
Operating Temp.	$^{\circ}\text{C}$	-20...+70



Batarow
Made in Germany

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Gewerbegebiet 4
18276 Lüssow OT Karow

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Fax : +49 (0) 3843-855556

Internet:
www.batarow.com

Mounting Situation

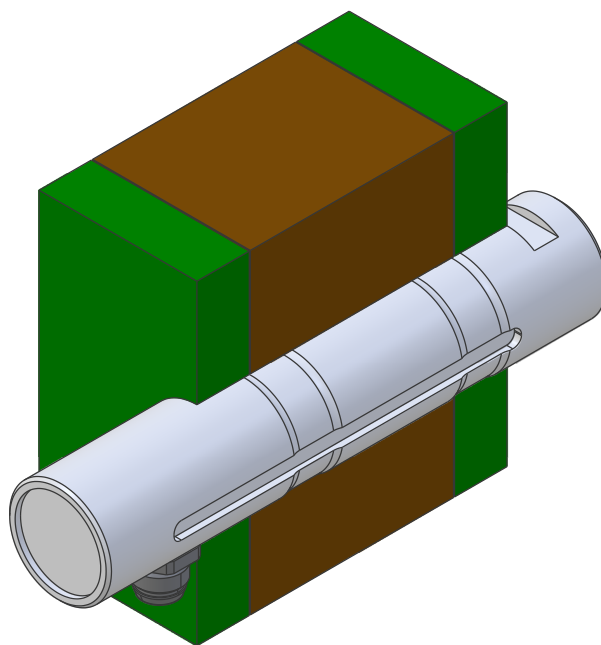
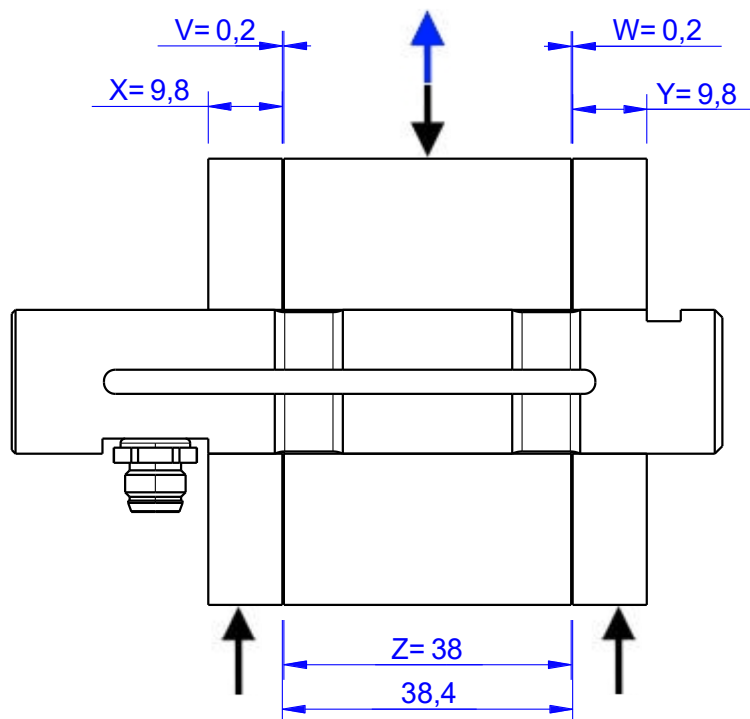
MB1733 Review: C

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)

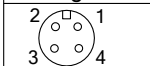


Output Signal & Wiring

MB1733 Review: C

Analog Output mV/V (S1)

Electrical Data		
Rated Output	mV/V@F.S.	1,3
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: WC64		Connectortype: M8 (male)			
	Exitation (+)	Exitation (-)	Bridge (+)	Bridge (-)	
	Pin 1	Pin 2	Pin 3	Pin 4	

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