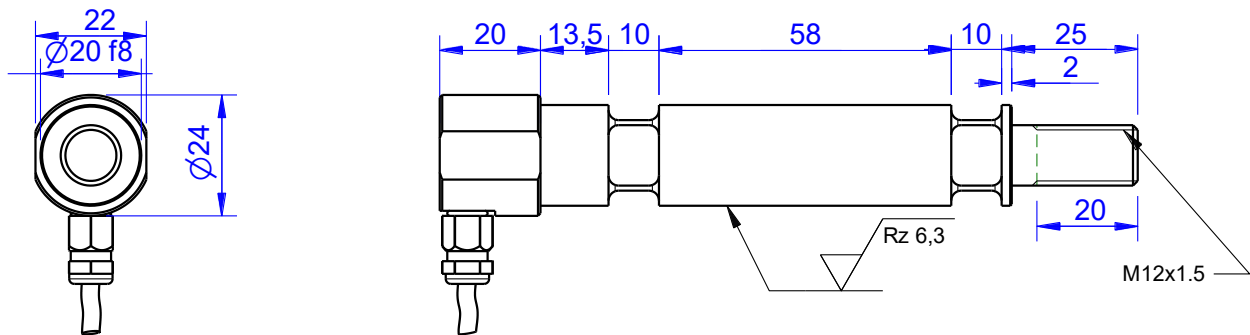
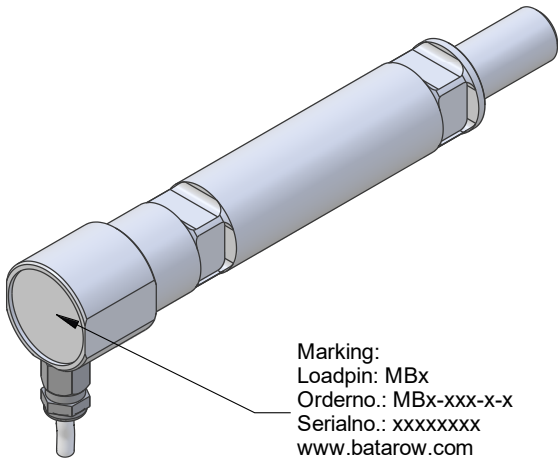


MB1715

Load Pin



Order-number	Capacity (F.S.)	Uncertainty (k=2)	Review
MB1715-1-x-B*	1 kN	±0,005kN	B
MB1715-2-x-B	2 kN	±0,010 kN	B
MB1715-4-x-B	4 kN	±0,020 kN	B
MB1715-10-x-B	10 kN	±0,050 kN	B
MB1715-14-x-B	14 kN	±0,070 kN	B

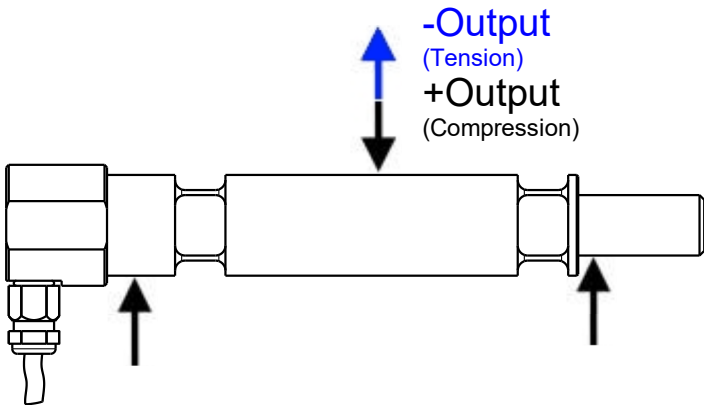


Marking:
Loadpin: MBx
Orderno.: MBx-xxx-x-x
Serialno.: xxxxxxxx
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* above showed version
The fixed dimensions don't change at the other capacity.

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

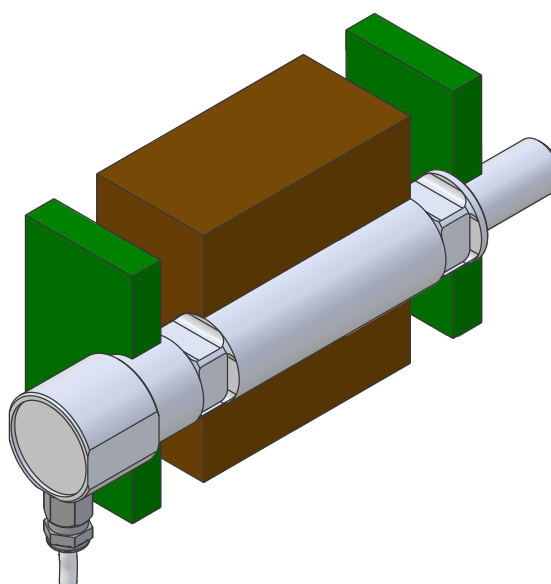
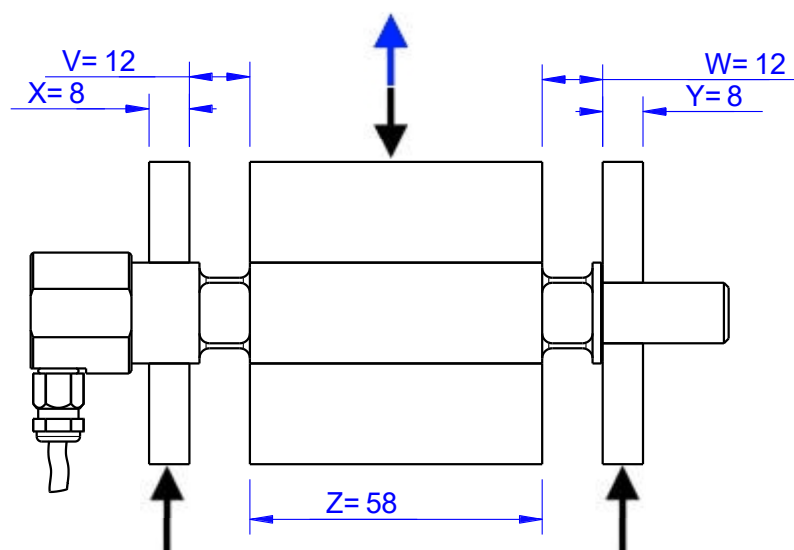
MB1715 Review: B

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)



Output Signal & Wiring

MB1715 Review: B

Analog Output mV/V (S1)

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

Wiringcode: WC50		Cabletype: stc31v		
Cable Length	Excitation (+)	Excitation (-)	Bridge (+)	Bridge (-)
5 m	red	black	green	white

Ordernumber Add-On:

MBxxx-x-S1-x

Analog Output 0V..10V (U1)*

Electrical Data U1		
Output @ 0kN	V	0
Output @ F.S.	V	10
Supply Voltage	V	14..28
Current Consumption	mA	25 (@ 24V)
Bandwidth	kHz	1

Wiringcode: WC514				
Integrated Amplifier GSV				
Cabeling: 5 m STC-31V-6				
Supply(+)	GND Supply	Output	Tare	Scale
brown	white	green	yellow	gray

Ordernumber Add-On:

MBxxx-x-U1-x

Analog Output 4..20mA (I1)*

Electrical Data I1		
Output @ 0kN	mA	4
Output @ F.S.	mA	20
Supply Voltage	V	14..28
Current Consumption	mA	45 (@ 24V)
Bandwidth	kHz	1

Wiringcode: WC514				
Integrated Amplifier GSV				
Cabeling: 5 m STC-31V-6				
Supply(+)	GND Supply	Output	Tare	Scale
brown	white	green	yellow	gray

Ordernumber Add-On:

MBxxx-x-I1-x

Attention: Nipple orientation of connector is not fixed. In case of 90° connector - it is necessary to set by customer.

*Attention: With this output configuration is no negative signal (Tension) possible. Please ask our engineering for 4..12..20mA; 1..5..9V or ±10V versions.

Batarow
Made in Germany

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