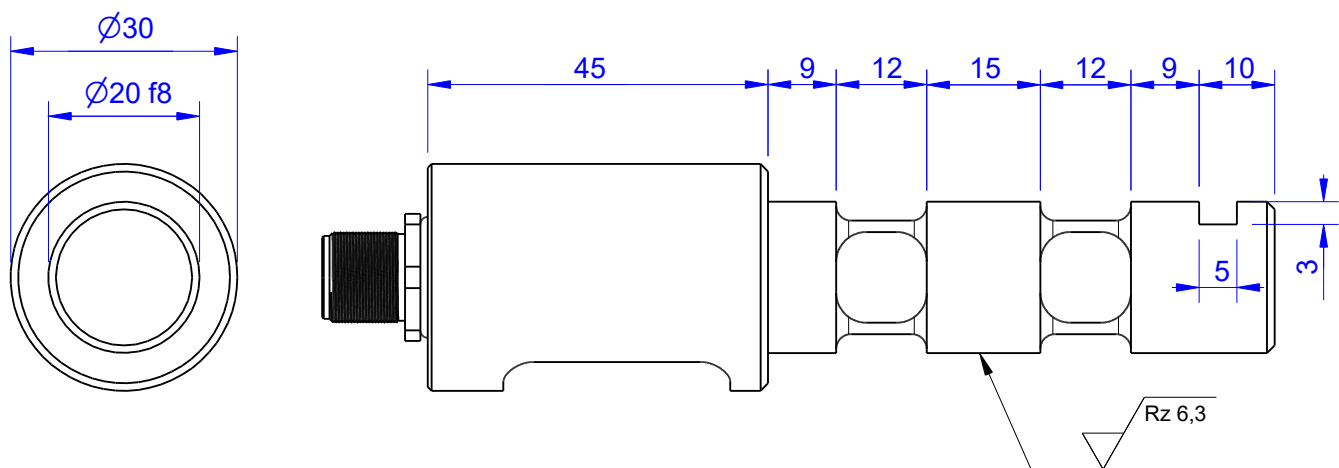


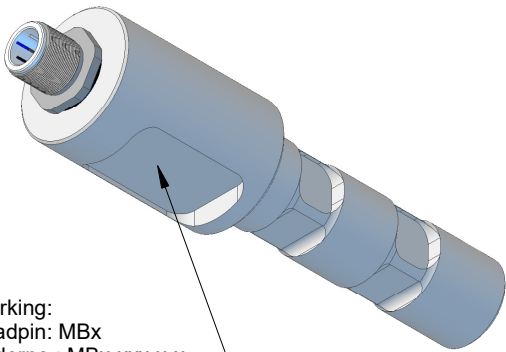
MB1405

Load Pin



Order-number	Capacity (F.S.)	Uncertainty (k=2)	Review
MB1405-1-x-B	1 kN	±0,005kN	B
MB1405-2-x-B	2 kN	±0,010 kN	B
MB1405-4-x-B*	4 kN	±0,020 kN	B
MB1405-10-x-B	10 kN	±0,050 kN	B
MB1405-20-x-B	20 kN	±0,100 kN	B

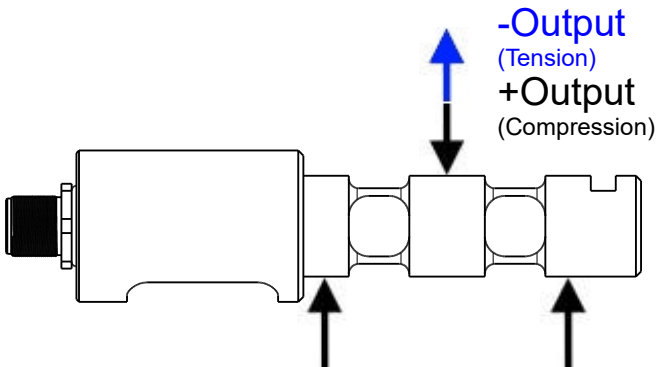
* above showed version
The fixed dimensions don't change at the other capacity.



Marking:
Loadpin: MBx
Orderno.: MBx-xxx-x-x
Serialno.: xxxxxxxx
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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

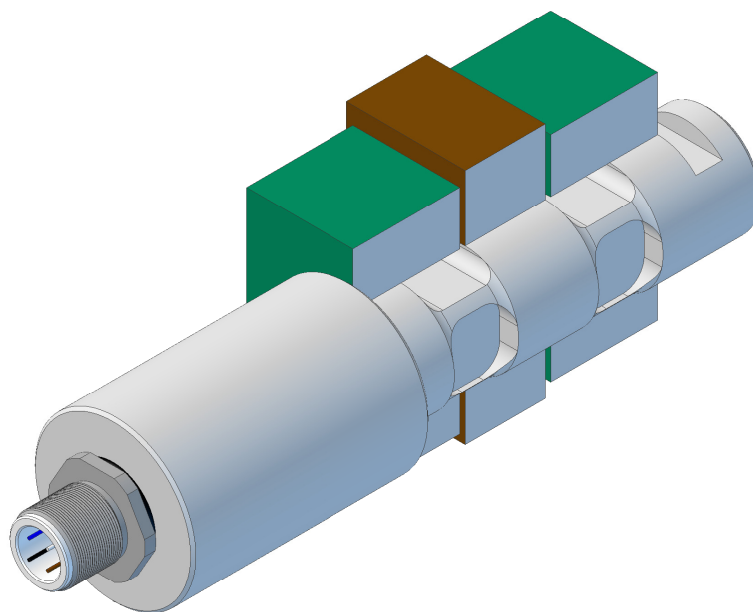
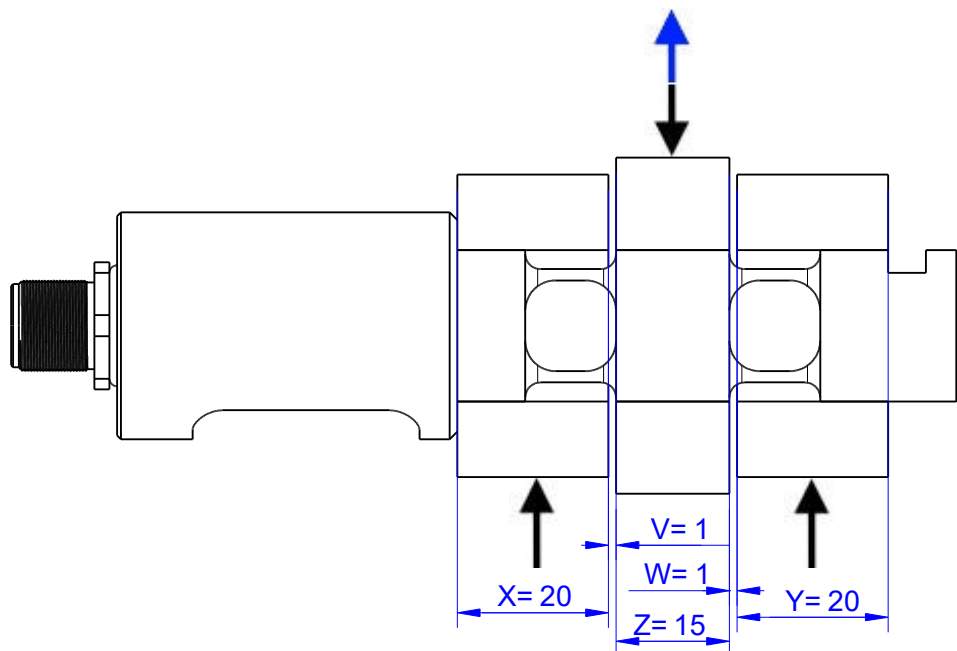
MB1405 Review: B

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

MB1405 Review: B

Analog & Switch Output -10V..+10V (U42)

Electrical Data U42		
Output @ 0kN	V	0±0,2
Output @ ±F.S.	V	±10±0,2
Supply Voltage	V	24±2
Current Consumption	mA	25 (@ 24V)
Bandwidth	kHz	2,2±0,2

Wiringcode: WC46		Connectortype:M12 (male plug)				
 View: plug side	Supply (+)	Output	GND	Tara	Scale	
	Pin 1	Pin 4	Pin 3	Pin 2	Pin 5	

Ordernumber Add-On:
MBxxx-x-U42-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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