LOAD SHACKLE
HF 55/LPT

Application Field

- Evaluation of suspended load weights
- Measurement of tensile forces
- Various applications for all users requiring load-measuring shackles

Operating Principle:

Shear force measurement using strain gauges. The signal generated by the strain gauges is then processed by the associated electronics and displayed on the LCD screen.



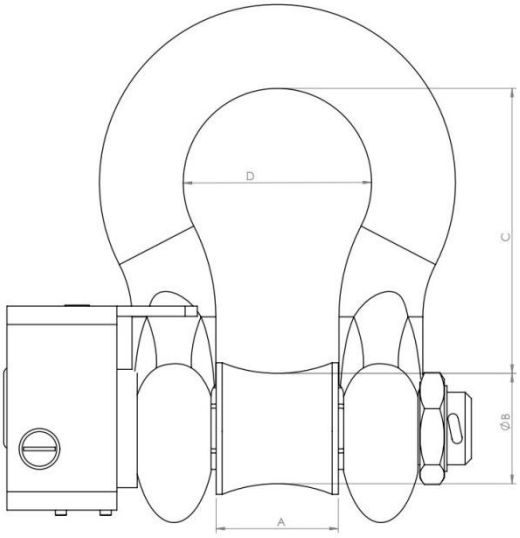
Technical Specifications:

Capacity	: 65 - 1500 kN (see below)
Sensor material	: Stainless steel 17-4 PH
Safety factor	: 5
Overload coefficient	: 2
Overall error	: +/- 1%
Power supply	: 2 x CR123 (3V) battery
Battery life	: +/- 100 hours
Operating temperature	: -20° to +60°
Protection rating	: IP 65
PC connection	: Via USB port (cable and software included)

Options:

Waterproof and shockproof carrying case

Models and characteristics:



Models	Capacity* (kN)	Size	Dimensions (mm)			
			A	B	C	D
HF55/1/LPT	65	7/8"	36,6	33,4	80	58
HF55/2/ LPL	120	1" 1/4	51,5	43,1	115	82,5
HF55/3/ LPT	250	1" 3/4	73	59	174	127
HF55/4/ LPT	350	2"	82,5	65	193	146
HF55/5/ LPT	550	2" 1/2	105	80	262	184
HF55/6/ LPT	850	3	127	94,5	324	200
HF55/7/ LPT	1200	3"1/2	133	107,7	364	229
HF55/8/ LPT	1500	4"	140	120	362	254

* For shackles above **1500 kN**, please contact us.

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