

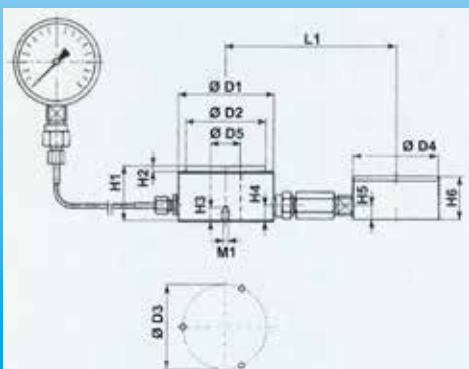
Model 343

» **“A”-version**

Load cell with attached display unit, without any accessories or options

» **“B”-version**

Load cell with accessories or options



Model 343, can be used wherever there is a need to fit a link through the body of the load cell. The instrument is particularly suitable for continuous measurement of axial forces for example on anchoring devices, and to monitor bearing forces that arise on lathes, boring machines, extrusion presses etc. If suitable suspension links or housings are used this load cell can also be employed to measure tension. Loads must be purely along the axis of the load cell and without torque, but for cases where it is not assured in the first instance, hinged coupling links can be provided as an option.

Technical information

Model	Size	Nominal Value	High-pressure hose (m)	Capillary tube (m)	Weight (kg)	Dimensions (mm)																										
						øD1	øD2	øD3	øD4	øD5	H1	H2	H3	H4	H5	H6	L1	M1														
343- 1kN	I	1,0 kN	0,63	1	1,9	85	70	60	100	24	50	3	12	18	15	49	182	M8														
343- 1,6 kN		1,6 kN																														
343- 2,5 kN		2,5 kN																														
343- 4 kN		4,0 kN	1,5	4																												
343- 6,3 kN		6,3 kN																														
343- 10 kN		10,0 kN																														
343- 16 kN		16,0 kN	5	10																												
343- 25 kN		25,0 kN																														
343- 40 kN		40,0 kN																														
343- 63 kN		63,0 kN																														
343- 100 kN		100,0 kN																														
343- 160 kN		160,0 kN																														
343- 4 kN		II	4,0 kN	0,63															1	4,2	120	108	85	100	40	55	3	15	18	15	49	200
343- 6,3 kN	6,3 kN																															
343- 10 kN	10,0 kN																															
343- 16 kN	16,0 kN		1,5	4																												
343- 25 kN	25,0 kN																															
343- 40 kN	40,0 kN																															
343- 63 kN	63,0 kN		5	10																												
343- 100 kN	100,0 kN																															
343- 160 kN	160,0 kN																															
343- 250 kN	250,0 kN																															
343- 400 kN	400,0 kN																															
343- 10 kN	10,0 kN				0,63	1	15,6	190	172	150	100	68	65	3	18	22	15	49	235													
343- 16 kN	16,0 kN																															
343- 25 kN	25,0 kN																															
343- 40 kN	40,0 kN	1,5	4																													
343- 63 kN	63,0 kN																															
343- 100 kN	100,0 kN																															
343- 160 kN	160,0 kN	5	10																													
343- 250 kN	250,0 kN																															
343- 400 kN	400,0 kN																															
343- 630 kN	630,0 kN																															
343- 1 MN	1,0 MN																															
343- 25 kN	25,0 kN			0,63	1	29,0														300	278	150	100	120	65	3	18	22	15	49	290	M16
343- 40 kN	40,0 kN																															
343- 63 kN	63,0 kN																															
343- 100 kN	100,0 kN	5	10																													
343- 160 kN	160,0 kN																															
343- 250 kN	250,0 kN																															
343- 400 kN	400,0 kN																															
343- 630 kN	630,0 kN																															
343- 1 MN	1,0 MN																															
343- 1,6 MN	1,6 MN	2,5 MN																														
343- 2,5 MN	2,5 MN																															

Number of borings: Options, 3 parts, each displaced by 120°

AMETEK®
TEST & CALIBRATION INSTRUMENTS

UK
Tel +44 (0)1243 833 370
uk-far.general@ametek.co.uk

France
Tel +33 (0)1 30 68 89 40
general.lloyd-instruments@ametek.fr

Germany
Tel +49 (0)2159 9136 510
info.mct-de@ametek.de

Denmark
Tel +45 4816 8000
ametekdk@ametek.com

USA
Florida
Tel +1 (727) 538 6000
chatillon.fl-lar@ametek.com

California
Tel +1 (800) 444 1850
sales@crystalengineering.net

India
Tel +91 22 2836 4750
ametekdk@ametek.com

Singapore
Tel +65 6484 2388
ametekdk@ametek.com

China
Shanghai
Tel +86 21 5868 5111

Beijing
Tel +86 10 8526 2111

Guangzhou
Tel +86 20 8363 4768
lloyd@ametek.com.cn

www.chatillon.com