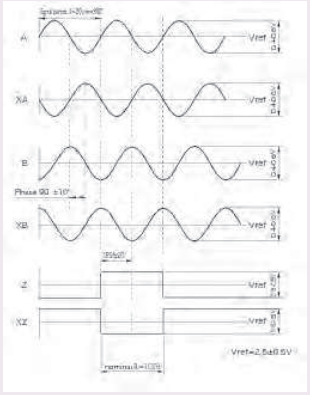
Linear Scale AT402E without cable

Series 539 - Range 140-3040mm

- World-class vibration resistance (20 G) and shock resistance (40 G) for use with machine tools.
- 1Vpp/20µm signal output for high connectivity with various machine controllers.
- Absolute Interval Code for a simple and affordable Absolute Measuring System.

Specifications

Effective range (L0)	140 - 3040 mm
Accuracy at 20°C	140 to 540 mm ±2 µm 640 to 940 mm ±3 µm 1040 to 3040 ± 3 µm/m
Max. drive speed	120 m/min
Signal period	20 µm
Output waveform	Two 90° phase-shifted sinusoidal signals (1 Vpp)
Operating temperature	0°C to 45°C

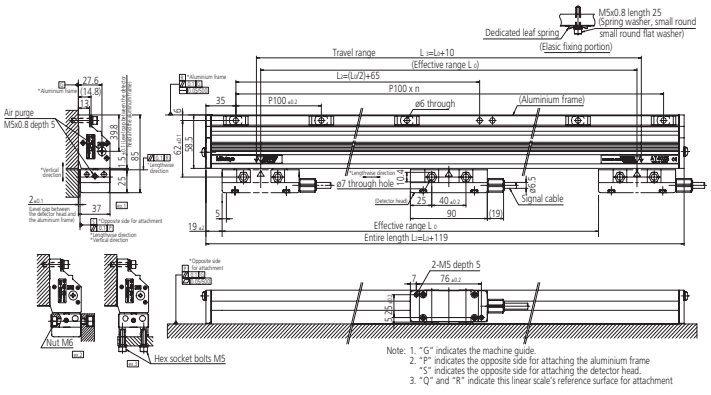


Refer to the Linear Scale AT402E Brochure

Without cable (-00)

No.	Effective range	L¹ mm	L² mm	L³ mm	n (number of holes)
539-371-00	140 mm	259	135	150	2
539-373-00*	240 mm	359	185	250	3
539-374-00*	340 mm	459	235	350	4
539-375-00*	440 mm	559	285	450	5
539-376-00*	540 mm	659	335	550	6
539-377-00*	640 mm	759	385	650	7
539-378-00	740 mm	859	435	750	8
539-379-00*	840 mm	959	485	850	9
539-380-00*	940 mm	1059	535	950	10
539-381-00	1040 mm	1159	585	1050	11
539-382-00	1140 mm	1259	635	1150	12
539-383-00*	1240 mm	1359	685	1250	13
539-384-00*	1340 mm	1459	735	1350	14
539-385-00	1440 mm	1559	785	1450	15
539-386-00*	1540 mm	1659	835	1550	16
539-387-00*	1640 mm	1759	885	1650	17
539-388-00*	1740 mm	1859	935	1750	18
539-389-00	1840 mm	1959	985	1850	19
539-390-00*	2040 mm	2159	1085	2050	21
539-391-00*	2240 mm	2359	1185	2250	23
539-392-00*	2440 mm	2559	1285	2450	25
539-393-00	2640 mm	2759	1385	2650	27
539-394-00*	2840 mm	2959	1485	2850	29
539-395-00*	3040 mm	3159	1585	3050	31

mm



The prices listed are suggested retail prices (valid until 31st May 2013). Inch products and combined inch/metric products are generally intended for sale to the United Kingdom only. All products to be sold to commercial customers. Therefore VAT is not included. Product illustrations are without obligation. Product descriptions respectively capability characteristics are only binding when explicitly agreed upon. * Please contact Mitutoyo for more information on delivery times.

mitutoyo@mitutoyo-tools.ru
www.mitutoyo-tools.ru