

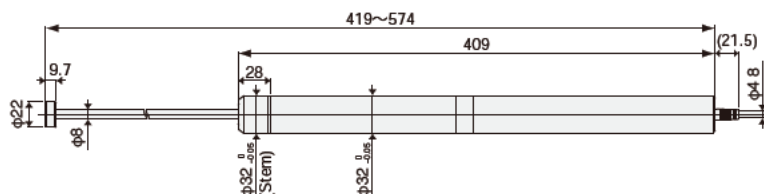
DK DK155/205

Resolution $0.5\mu\text{m}$ Stem $\phi 32$ Stroke 155mm Stroke 205mm Output A/B phase

* DK155PR5

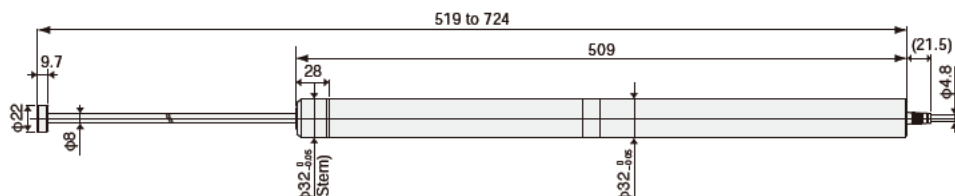


DK155PR5



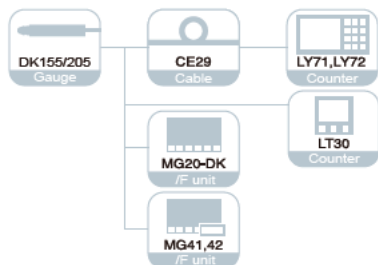
* Upon installation, clamp the stem.

DK205PR5



* Upon installation, clamp the stem.

Unit: mm



Specifications

Model	DK155PR5	DK205PR5
Measuring range	155 mm	205 mm
Maximum resolution	0.5 μm	
Accuracy (at 20°C/68°F)	5 μm	6 μm
Maximum response speed	250 m/min	
Reference point	Position at spindle movement of 5 mm	
Reference-point response speed	Same as the noted maximum response speed	
Output	A/B/reference point Voltage-differential line driver output (conforming to E A-422)	
Spindle drive system	None	
Protection grade ¹⁾	P64	
Vibration resistance	10 to 2000 Hz 150 m/s ²	
Impact resistance	1500 m/s ² 11 ms	
Operating temperature	0 to 50 °C	
Storage temperature	-20 to 60 °C	
Power supply	5 VDC \pm 5 %	
Power consumption	1 W	
Mass ²⁾	Approx. 1100 g	Approx. 1300 g
Output cable length	2.4 m	
Surface to be measured	Soft magnetic material	
Magnetically attachable feeler	Magnetic attraction 10 N, resistance against horizontal slip 2.7 N, Provided with a $\phi 4$ mm carbide ball tip	
Spindle ³⁾	$\phi 8$ mm, radial swing 0.04 mm max.	
Accessories	Instruction Manual, +P M4 \times 5 screw (2pc)	

¹⁾ Excluding the interpolation box and connector

²⁾ Excluding cable section and interpolation box

³⁾ The spindle weighs about 400 g.

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