

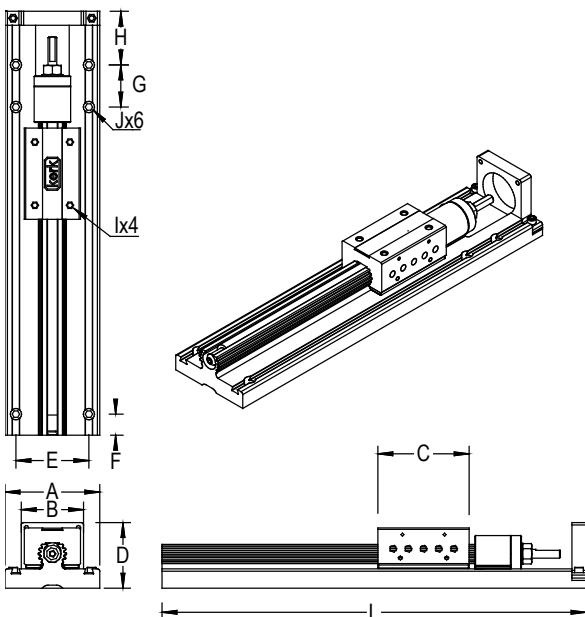
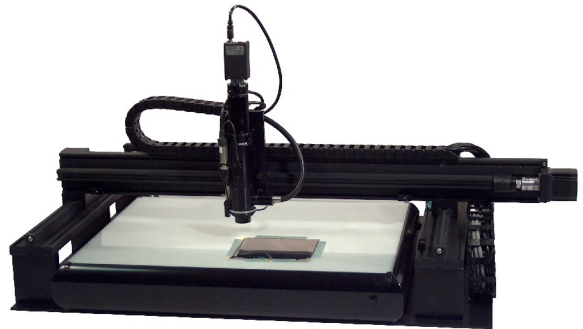


smartdrive
DRIVING MOTION FURTHER

Linear Screw Slides



The LSS17 & LSS23 Guide Screw are screw-driven slides that offer exceptional linear speed, accurate positioning and a long maintenance free life in a compact, value-priced assembly with integrated stepper motor mounting. The length and speed of the LSS is not limited by critical screw speed, allowing high RPM and linear speeds, even over long spans. Standard leads include .100-in, .200-in, .500-in and 1.00-in (2.54, 5.08, 12.7 and 25.4 mm) travel per revolution. Many optional leads, both metric and imperial based, offer everything from high efficiency to non-backdriving leads for vertical applications, eliminating the need for brakes. With the wide range of available leads, speeds of more than 60 inches per second (1.5 meters per second) are possible, rivalling belts and cables while offering superior positioning accuracy, repeatability and axial stiffness. Multiple passive and driven carriages can be added to a slide unit and passive slide rails are also available, allowing use in everything from simple single axis systems through to complex X-Y-Z applications.



	LSS17	LSS23
A	50.8 mm	85.7 mm
B	42.2 mm	56.4 mm
C	51.0 mm	83.0 mm
D	42.4 mm	59.3 mm
E	37.1 mm	66.0 mm
F	12.7 mm	19.1 mm
G	38.1 mm	38.1 mm
H	31.4 mm	49.0 mm
I	6-32 UNC	1/4-20 UNC
J	3.6 with 6.4x3.6 deep counterbore	6.6 with 10.2x10.9 deep counterbore
L	To suit customer application	
Motor Mount	17 Frame	23 Frame
Screw Pitch	2.54, 5.08, 12.7 & 25.4mm (0.1", 0.2", 0.5" & 1")	