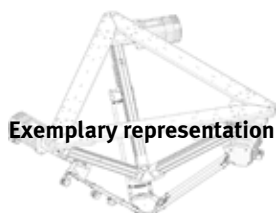


# parallel kinematic system EXPT-45-E1

Part number: 569797

FESTO



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Design structure	Tripod kinematics
Size	45
Working space nominal diameter	450 mm
Working space nominal height	100 mm
Assembly position	Horizontal
Motor type	Servomotor
Duty cycle	100 %
Max. acceleration	110 m/s <sup>2</sup>
Max. speed	7 m/s
Max. picking rate	150 picks/min in 12" cycle
Maximum rated load	5 kg
Rated load with maximum dynamic response	1 kg
Positioning accuracy	± 0,5 mm
Track precision	± 0,5 mm
Repetition accuracy	±0,1 mm
Max. process force in Z direction	1,300 N
Typical process force in Z direction	1000 N: working-space diameter of up to 112.5 mm
Base weight of the kinematics	45 kg
Max. frame strength horizontal	145 N
Max. frame strength vertical	250 N
Ambient temperature	0 ... 40 °C
Materials note	Contains PWIS substances Conforms to RoHS
PWIS criteria	Contains PWIS according to FN942010.