

Parallel kinematic (system) EXPT-95-E4

Part number: 569799

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Design	Parallel kinematic system
Size	95
Working space nominal diameter	950 mm
Working space nominal height	100 mm
Mounting position	Horizontal
Type of motor	Servo motor
Duty cycle	100%
Max. acceleration	110 m/s ²
Max. speed	7 m/s
Max. picking rate	140 picks/min in 12" cycle
Max. nominal load	5 kg
Nominal load at max. 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	1000 N
Typical process force in Z direction	750 N working space Ø up to 237.5 mm
Base weight of the kinematics	61.5 kg
Max. horizontal frame force	200 N
Max. vertical frame force	325 N
Ambient temperature	0 °C ... 40 °C
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III