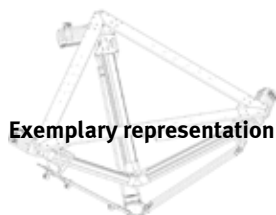


parallel kinematic system EXPT-120-E4

Part number: 569800

FESTO



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Design structure	Tripod kinematics
Size	120
Working space nominal diameter	1,200 mm
Working space nominal height	100 mm
Assembly position	Horizontal
Motor type	Servomotor
Duty cycle	100 %
Max. acceleration	110 m/s ²
Max. speed	7 m/s
Max. picking rate	140 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	850 N
Typical process force in Z direction	750 N: working-space diameter of up to 300 mm
Base weight of the kinematics	66 kg
Max. frame strength horizontal	215 N
Max. frame strength vertical	475 N
Ambient temperature	0 ... 40 °C
Materials note	Conforms to RoHS
PWIS conformity	VDMA24364 zone III