197894

Industrial automation components

Add to quote

Ask about this product



Manufacturer	Festo
Catalog number	197894
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Stroke Length	80 mm
Piston Diameter	10 mm
Adjustable End-Position Range	4 mm
Shock Absorbers	Both-sided (CC)
Ball Cage Guide	Yes
Operating Pressure Range	1 to 10 bar
Repeatability	0.02 mm
Maximum Force (Fy, Fz)	410 N
Maximum Torque (Mx, My)	4.3 Nm
Maximum Torque (Mz)	1.5 Nm
Material	Aluminum alloy and stainless steel
Pneumatic Connection	M5

Description

The Festo 197894 is a high-precision mini slide (SLT-10-80-A-CC-B) designed for industrial automation applications requiring compact and reliable linear motion solutions. This double-acting pneumatic slide features a stroke length of 80 mm and a piston diameter of 10 mm, ensuring precise and repeatable movements. The adjustable end-position range of 4 mm allows for fine-tuning of the slide's travel limits, enhancing operational flexibility. Equipped with both-sided shock absorbers (CC), the 197894 effectively dampens impact forces, reducing wear and extending service life. Its robust ball

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE
VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

Generated on demand. The PDF file is not stored on the server.

cage guide system provides smooth and stable motion, even under heavy loads, making it suitable for applications demanding high load-bearing capacity. The slide operates within a pressure range of 1 to 10 bar and offers a repeatability of 0.02 mm, ensuring consistent performance. With a maximum force of 410 N in both the Fy and Fz directions, and maximum torques of 4.3 Nm (Mx, My) and 1.5 Nm (Mz), the 197894 is capable of handling substantial mechanical loads. The slide is constructed from aluminum alloy and stainless steel, ensuring durability and resistance to corrosion. It is compatible with M5 pneumatic connections and can be mounted in any orientation, providing versatility in installation. The operating medium is compressed air in accordance with ISO 8573-1:2010 [7:4:4], and the ambient temperature range is -20 to 60 °C, accommodating various industrial environments.