

Pneumatic cylinders

PRODUCT GUIDE · VALVES-12

Pneumatic cylinders convert compressed-air pressure into linear movement.

Application

Machine actuation and suitable automated equipment.

Festo DSNU-25-100-PPV-A — reference cylinder

Part number	19248
Action	Double acting; single-ended piston rod
Bore / stroke	25 mm / 100 mm
Air ports	G $\frac{1}{8}$
Rod thread	M10 × 1.25 male
Cushioning	Adjustable pneumatic cushioning at both ends
Operating pressure	1–10 bar
Ambient temperature	–20 to +80°C
Rod and barrel	Corrosion-resistant high-alloy steel
Caps	Anodised wrought aluminium alloy
Theoretical force at 6 bar	294.5 N advance; 247.4 N return

Reference configuration only. Specifications apply to the named supplier series or model; the offered item and suitability are confirmed with the quotation. If lubricated compressed air is used, subsequent operation must remain lubricated.

Details to include in your enquiry

Bore, stroke and mounting dimensions · Required force and available air pressure · Speed, cushioning and sensor requirements

Technical references

[Festo model datasheet, hosted by RS Australia — open reference](#) · Product data sheet · Confirm current revision with quotation

[Festo DSNU series catalogue — open reference](#) · Catalogue · Confirm current revision with quotation

Reference values apply only to the identified configuration. The offered model, dimensions, approvals and lead time are confirmed with your quote. Availability is subject to confirmation.