



R(D)Q, Compact Cylinder, Air Cushion

RDQB50TF-100

Datasheet

General series information

- Unique air cushion construction with no cushion ring.
- Wide size variations from $\varnothing 20$ to $\varnothing 100$.
- Nearly three times the allowable kinetic energy.
- Improved noise reduction (Stroke end impact noise reduced) and repeatability.
- Interchangeable mounting.

Standard specifications

Mounting	B [Through Hole (Standard)]
Bore Size	50mm
Stroke	100
Lead Wire or Prewired Connector	0.5m (Or None in the Case of No Switch)
Number	2 pcs. (Or None in the Case of No Switch)
Magnet	D (Built-in Magnet)
Port Thread	TF (G)
Auto Switch	No Switch
Body Option	Rod End Female Threads (Standard)
Maximum operating pressure	1.0 MPa
Minimum operating pressure	0.05 MPa
Proof pressure	1.5 MPa
Maximum piston speed	500 mm/s
Type of cushioning	Pneumatic (non-lube) type
Female thread of rod end	Female threads
Minimum piston speed	50 mm/s
Fluid	Air
Ambient and fluid temperature	-10°C to 70°C (with no freezing)

Stroke length tolerance	+1.0 0
F449 - Rod_end_thread_tolerance	JIS class 2
F450 - Mounting	Through hole
Weight	1.214 Kg

Additional information

Catalogue

[RQ_EU.pdf](#)

Operation manuals

[RQ_OP_Manual_RQxx-OM0002G.pdf](#)