

Compact Cylinder ISO 21287, Ø 50 mm, Stroke 15 mm - Airtec NAD 50/15

Item no. FL-NAD-50/15

Manufacturer Airtec

EAN 4050571518233

Double-acting compact cylinder to ISO 21287 with 50 mm piston diameter and 15 mm stroke. The integrated magnetic piston allows contactless end-position sensing, and the piston rod with female thread M 10 provides a direct load connection in a compact design.

TECHNICAL DATA

Norm	ISO 21287
Weight	0.5 kg
Zolltarifnummer	84123100



STANDARDS & COMPLIANCE

ISO 21287

DESCRIPTION

The Airtec NAD 50/15 is a double-acting compact cylinder to ISO 21287 with 50 mm piston diameter and 15 mm stroke. The integrated magnetic piston enables contactless position sensing via cylinder sensors of types D and A. The short overall length saves installation space while delivering full force in both stroke directions.

BENEFITS

- Compact ISO 21287 design saves installation space at 50 mm piston diameter.
- Magnetic piston allows contactless end-position sensing with type D and A cylinder sensors.
- Anodised aluminium tube and stainless steel piston rod for a long service life.
- NBR / PUR seals, operating pressure up to 10 bar, temperature range -20 to +80 °C.
- Double-acting for defined force in both directions over a 15 mm stroke.
- Piston rod with female thread M 10 for a direct load connection.

TECHNICAL DATA

Head and foot	Aluminium
Cylinder tube	Aluminium, anodised

Piston rod	Stainless steel
Seals	NBR / PUR
Temperature range	-20 to +80 °C
Operating pressure	max. 10 bar
Piston	with magnetic piston
Cylinder sensor type	D, A
Piston diameter [mm]	50
Stroke [mm]	15
Version	Standard
KF (piston rod female thread)	M 10
G (air connection)	G 1/8"
Seal kit	NAD 50 REP
A [mm]	16
AF [mm]	16
B [mm]	12
BG [mm]	14,5
CH [mm]	13
E [mm]	65,5
LA [mm]	5,0
RT	M 8
TG [mm]	46,5
WH [mm]	8
ZA [mm]	45
ZB [mm]	53
ZC [mm]	29
Weight	0.5 kg

APPLICATIONS

The cylinder suits fixturing, clamping and handling technology as well as machine and plant engineering where defined strokes are required in limited installation space. The matching seal kit NAD 50 REP is available for servicing.