

Compact cylinder single-acting, piston 100 mm, stroke 15 mm - Airtec NXEE 100/15

Item no. FL-NXEE-100/15

Manufacturer Airtec

EAN 4050571532994

The Airtec NXEE 100/15 is a single-acting compact cylinder with a 100 mm piston diameter and 15 mm stroke, extended in the rest position. Its standard magnetic piston enables contactless end-position sensing with D and A type cylinder switches. An anodized aluminium body and a 1.4305 stainless steel piston rod withstand operating pressure up to 10 bar from -20 to +80 °C.

TECHNICAL DATA

Weight	2.6 kg
Zolltarifnummer	84799070



DESCRIPTION

The Airtec NXEE 100/15 is a single-acting compact cylinder with a 100 mm piston diameter and 15 mm stroke. Its short 124 mm overall length saves installation space, while the magnetic piston allows contactless position sensing with D and A type cylinder switches.

BENEFITS

- Short 124 mm overall length saves installation space at a 100 mm piston diameter.
- Single-acting with a single air connection G 1/4" and spring return.
- Standard magnetic piston for contactless end-position sensing with D and A type cylinder switches.
- 1.4305 stainless steel piston rod and anodized aluminium body for corrosion resistance and long service life.
- PUR seal and operating pressure up to 10 bar across a -20 to +80 °C temperature range.

TECHNICAL DATA

Function	single-acting, with magnetic piston
Head and foot	anodized aluminium
Cylinder tube	anodized aluminium
Piston rod	stainless steel 1.4305
Seal	PUR

Temperature range	-20 to +80 °C
Operating pressure	max. 10 bar
Cylinder switch type	D, A
Piston diameter [mm]	100
Stroke [mm]	15
Design	extended in rest position
G1 (piston rod internal thread)	M 12
M (air connection)	G 1/4"
Repair kits	NXE 100 REP
A [mm]	124
B [mm]	25
C [mm]	8
D [mm]	8,5
E	M 10
F [mm]	13,5
J [mm]	66,5
L [mm]	0
N [mm]	10,5
O [mm]	19,25
P [mm]	103
Q [mm]	20
T [mm]	22
U [mm]	8,5
Z [mm]	10,0
Weight [kg]	2.6

APPLICATIONS

Used in fixtures, clamping applications, feeding and assembly automation, and wherever short strokes with position sensing are required in tight installation spaces.