

Compact Cylinder Double-Acting, Bore 40 mm, Stroke 160 mm - Airtec NXDA 40/160

Item no. FL-NXDA-40/160

Manufacturer Airtec

EAN 4050571530655

Double-acting compact cylinder with 40 mm bore and 160 mm stroke, G 1/8" port, operating pressure up to 10 bar. Built-in magnetic piston for contactless end-position sensing and an anti-rotation piston rod in 1.4305 stainless steel.

TECHNICAL DATA

Weight	1.2 kg
Zolltarifnummer	84799070



DESCRIPTION

The Airtec NXDA 40/160 is a double-acting compact cylinder with a 40 mm bore and 160 mm stroke. Its short body saves mounting space where a standard cylinder would be too long, while delivering full piston force at up to 10 bar through the G 1/8" port.

BENEFITS

- Compact overall length at 40 mm bore, ideal for tight fixtures.
- Built-in magnetic piston enables contactless end-position sensing with cylinder switches type D or A.
- Anti-rotation piston rod in 1.4305 stainless steel keeps the output direction without an extra guide.
- Piston rod and barrel in anodised aluminium, low wear across -20 to +80 °C.
- Optional male thread -AG, matching repair kits for a long service life.

TECHNICAL DATA

Bore diameter [mm]	40
Stroke [mm]	160
Function	double-acting, with magnetic piston
Piston rod	anti-rotation, 1.4305 stainless steel
Material head and cap	anodised aluminium
Material barrel	anodised aluminium

Seal	PUR
Temperature range	-20 to +80 °C
Operating pressure	max. 10 bar
Cylinder switch type	D, A
Air connection (M)	G 1/8"
Option piston rod with male thread	-AG
Weight [kg]	1.2
Reparatursätze	NXD 40 REP
A [mm]	58
B [mm]	12
C [mm]	6
D [mm]	5,2
E	M 6
F [mm]	9,0
G [mm]	17
H [mm]	10
I	M 5
J [mm]	45,5
K [mm]	5
L [mm]	3
N [mm]	8,0
O [mm]	14,75
P [mm]	42
R [mm]	33
S [mm]	23,3
T [mm]	10
U [mm]	5,5
W [mm]	6,5
X [mm]	2,5
Y [mm]	10
Z [mm]	6,5

APPLICATIONS

Used in handling and clamping fixtures, jig and fixture construction, assembly and feed technology, and wherever short, defined strokes are required in a small footprint.