



# Compact cylinders - NXD/NXE

## Double acting compact cylinders with magnetic pistons

**Materials:** Head and foot: Aluminium anodised, cylinder tube: Aluminium anodised, piston rod: AISI 303, seal: Polyurethane

**Temperature range:** -30°C to max. +80°C, **Operating pressure:** Max. 10 bar

**Optional:** Piston rod with male thread -AG



type NXD



type NXD ... -AG



type NXDA



NXD (standard) NXDK (with continuous piston rod)



NXDA (with non-rotating piston rod)



type NXE



type NXE ... -AG



NXE (standard) NXEE (extended in idle position)

| Piston Ø<br>12 mm | Piston Ø<br>16 mm | Piston Ø<br>20 mm | Piston Ø<br>25 mm | Piston Ø<br>32 mm | Piston Ø<br>40 mm | Desired stroke/<br>standard stroke |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------------------------|
| NXD 12/**         | NXD 16/**         | NXD 20/**         | NXD 25/**         | NXD 32/**         | NXD 40/**         | 1 to 200                           |
| NXD 12/5          | NXD 16/5          | NXD 20/5          | NXD 25/5          | NXD 32/5          | NXD 40/5          | 5                                  |
| NXD 12/10         | NXD 16/10         | NXD 20/10         | NXD 25/10         | NXD 32/10         | NXD 40/10         | 10                                 |
| NXD 12/15         | NXD 16/15         | NXD 20/15         | NXD 25/15         | NXD 32/15         | NXD 40/15         | 15                                 |
| NXD 12/20         | NXD 16/20         | NXD 20/20         | NXD 25/20         | NXD 32/20         | NXD 40/20         | 20                                 |
| NXD 12/25         | NXD 16/25         | NXD 20/25         | NXD 25/25         | NXD 32/25         | NXD 40/25         | 25                                 |
| NXD 12/30         | NXD 16/30         | NXD 20/30         | NXD 25/30         | NXD 32/30         | NXD 40/30         | 30                                 |
| NXD 12/40         | NXD 16/40         | NXD 20/40         | NXD 25/40         | NXD 32/40         | NXD 40/40         | 40                                 |
| NXD 12/50         | NXD 16/50         | NXD 20/50         | NXD 25/50         | NXD 32/50         | NXD 40/50         | 50                                 |
| NXD 12/60         | NXD 16/60         | NXD 20/60         | NXD 25/60         | NXD 32/60         | NXD 40/60         | 60                                 |
| NXD 12/70         | NXD 16/70         | NXD 20/70         | NXD 25/70         | NXD 32/70         | NXD 40/70         | 70                                 |
| NXD 12/80         | NXD 16/80         | NXD 20/80         | NXD 25/80         | NXD 32/80         | NXD 40/80         | 80                                 |
| NXD 12/90         | NXD 16/90         | NXD 20/90         | NXD 25/90         | NXD 32/90         | NXD 40/90         | 90                                 |
| NXD 12/100        | NXD 16/100        | NXD 20/100        | NXD 25/100        | NXD 32/100        | NXD 40/100        | 100                                |
| ---               | NXD 16/125        | NXD 20/125        | NXD 25/125        | NXD 32/125        | NXD 40/125        | 125                                |
| ---               | ---               | NXD 20/160        | NXD 25/160        | NXD 32/160        | NXD 40/160        | 160                                |
| ---               | ---               | ---               | ---               | NXD 32/200        | NXD 40/200        | 200                                |

### Repair sets

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| NXD 12 REP | NXD 16 REP | NXD 20 REP | NXD 25 REP | NXD 32 REP | NXD 40 REP |
|------------|------------|------------|------------|------------|------------|

| Piston Ø<br>50 mm | Piston Ø<br>63 mm | Piston Ø<br>80 mm | Piston Ø<br>100 mm | Desired stroke/<br>standard stroke |
|-------------------|-------------------|-------------------|--------------------|------------------------------------|
| NXD 50/**         | NXD 63/**         | NXD 80/**         | NXD 100/**         | 1 to 250                           |
| NXD 50/5          | NXD 63/5          | NXD 80/5          | NXD 100/5          | 5                                  |
| NXD 50/10         | NXD 63/10         | NXD 80/10         | NXD 100/10         | 10                                 |
| NXD 50/15         | NXD 63/15         | NXD 80/15         | NXD 100/15         | 15                                 |
| NXD 50/20         | NXD 63/20         | NXD 80/20         | NXD 100/20         | 20                                 |
| NXD 50/25         | NXD 63/25         | NXD 80/25         | NXD 100/25         | 25                                 |
| NXD 50/30         | NXD 63/30         | NXD 80/30         | NXD 100/30         | 30                                 |
| NXD 50/40         | NXD 63/40         | NXD 80/40         | NXD 100/40         | 40                                 |
| NXD 50/50         | NXD 63/50         | NXD 80/50         | NXD 100/50         | 50                                 |
| NXD 50/60         | NXD 63/60         | NXD 80/60         | NXD 100/60         | 60                                 |
| NXD 50/70         | NXD 63/70         | NXD 80/70         | NXD 100/70         | 70                                 |
| NXD 50/80         | NXD 63/80         | NXD 80/80         | NXD 100/80         | 80                                 |
| NXD 50/90         | NXD 63/90         | NXD 80/90         | NXD 100/90         | 90                                 |
| NXD 50/100        | NXD 63/100        | NXD 80/100        | NXD 100/100        | 100                                |
| NXD 50/125        | NXD 63/125        | NXD 80/125        | NXD 100/125        | 125                                |
| NXD 50/160        | NXD 63/160        | NXD 80/160        | NXD 100/160        | 160                                |
| NXD 50/200        | NXD 63/200        | NXD 80/200        | NXD 100/200        | 200                                |
| NXD 50/250        | NXD 63/250        | NXD 80/250        | NXD 100/250        | 250                                |

### Repair sets

|            |            |            |             |
|------------|------------|------------|-------------|
| NXD 50 REP | NXD 63 REP | NXD 80 REP | NXD 100 REP |
|------------|------------|------------|-------------|

## Simple acting compact cylinders with magnetic pistons

**Materials:** Head and foot: Aluminium anodised, cylinder tube: Aluminium anodised, piston rod: AISI 303, seal: Polyurethane

**Temperature range:** -30°C to max. +80°C, **Operating pressure:** Max. 10 bar

**Optional:** Piston rod with male thread -AG

| Piston Ø<br>12 mm | Piston Ø<br>16 mm | Piston Ø<br>20 mm | Piston Ø<br>25 mm | Piston Ø<br>32 mm | Piston Ø<br>40 mm | Standard<br>stroke |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| NXE 12/5          | NXE 16/5          | NXE 20/5          | NXE 25/5          | NXE 32/5          | NXE 40/5          | 5                  |
| NXE 12/10         | NXE 16/10         | NXE 20/10         | NXE 25/10         | NXE 32/10         | NXE 40/10         | 10                 |
| NXE 12/15         | NXE 16/15         | NXE 20/15         | NXE 25/15         | NXE 32/15         | NXE 40/15         | 15                 |
| NXE 12/20         | NXE 16/20         | NXE 20/20         | NXE 25/20         | NXE 32/20         | NXE 40/20         | 20                 |
| NXE 12/25         | NXE 16/25         | NXE 20/25         | NXE 25/25         | NXE 32/25         | NXE 40/25         | 25                 |

### Repair sets

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| NXE 12 REP | NXE 16 REP | NXE 20 REP | NXE 25 REP | NXE 32 REP | NXE 40 REP |
|------------|------------|------------|------------|------------|------------|

| Piston Ø<br>50 mm | Piston Ø<br>63 mm | Piston Ø<br>80 mm | Piston Ø<br>100 mm | Standard<br>stroke |
|-------------------|-------------------|-------------------|--------------------|--------------------|
| NXE 50/5          | NXE 63/5          | NXE 80/5          | NXE 100/5          | 5                  |
| NXE 50/10         | NXE 63/10         | NXE 80/10         | NXE 100/10         | 10                 |
| NXE 50/15         | NXE 63/15         | NXE 80/15         | NXE 100/15         | 15                 |
| NXE 50/20         | NXE 63/20         | NXE 80/20         | NXE 100/20         | 20                 |
| NXE 50/25         | NXE 63/25         | NXE 80/25         | NXE 100/25         | 25                 |

### Repair sets

|            |            |            |             |
|------------|------------|------------|-------------|
| NXE 50 REP | NXE 63 REP | NXE 80 REP | NXE 100 REP |
|------------|------------|------------|-------------|

**Order example:** NXD \* 16/ \*\*\*

Standard type

Piston Ø/stroke

**Designation for the options:**

Piston rod with male thread .....-AG

**Order numbers suffixes:**  
 Continuous piston rod .....-K  
 With non-rotating piston rod .....-A\*  
 Extended in idle position .....-E



**ACE**  
Shock absorber  
from page 502



**FESTO**  
Festo shock absorbers can  
be found in our Online Shop

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Please refer to the data refer, if not otherwise indicated, to liquids of Group II at +20°C.