



#### Application

- Pneumatic Automation, Robotics, Handling
- Automotive Process
- Textile, Packaging, Heavy Duty
- Food Process



|                     |                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fluid               | Filtered and lubricated compressed air as well as non lubricated air                                                                                                       |
| Temperature         | 0 °C (-20 °C with dry air) ÷ + 80 °C                                                                                                                                       |
| Pressures           | 1 bar (0.1 MPa)<br>10 bar (1 MPa)                                                                                                                                          |
| Nut                 | Zinc-plated steel                                                                                                                                                          |
| Rod                 | Chrome steel C40                                                                                                                                                           |
| Rod seal            | Polyurethane                                                                                                                                                               |
| Front and rear head | Anodised aluminium                                                                                                                                                         |
| Locking ring        | Zinc-plated steel                                                                                                                                                          |
| Bushing             | Sintered bronze                                                                                                                                                            |
| O-ring seals        | NBR                                                                                                                                                                        |
| Bumpers             | Neoprene                                                                                                                                                                   |
| Piston              | Anodised aluminium                                                                                                                                                         |
| Piston seal         | Polyurethane                                                                                                                                                               |
| Magnet              | Bonded ferrite                                                                                                                                                             |
| Cylinder barrel     | AISI 304 steel                                                                                                                                                             |
| Functioning         | Single acting magnetic<br>(non-magnetic upon request).<br>Double acting, magnetic<br>(non-magnetic upon request), single or double<br>end rod, cushioned or non-cushioned. |
| Sensors recommended | DSL with bracket AFX                                                                                                                                                       |



#### Reference Standard

II 2 GD h T6 -20°C&lt;Tamb&lt;80°C


1907/2006  
REACH✓

2011/65/CE  
RoHS✓

SILICON  
FREE


#### Series

#### Ø mm

#### Stroke

A B

0 3 2

0 0 2 5

- ▲ AB Single-Acting Magnetic
- ▲ AD Single-Acting Magnetic - Spring Thrust
- AF Double Acting Magnetic
- ◆ AH Double Acting Cushioned Magnetic
- AJ Double Acting Magnetic With Double Rod End
- ◆ AL Double Acting Cushioned Magnetic With Double Rod End

|     |      |
|-----|------|
| 032 | 0010 |
| 040 | 0025 |
| 050 | 0050 |
| 063 | 0080 |
|     | 0100 |
|     | 0125 |
|     | 0150 |
|     | 0160 |
|     | 0200 |
|     | 0250 |
|     | 0320 |
|     | 0400 |
|     | 0500 |

| Ø (mm) | Stroke (mm) |    |    |    |     |     |     |     |     |     |     |     |
|--------|-------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|
|        | 10          | 25 | 50 | 80 | 100 | 125 | 160 | 200 | 250 | 320 | 400 | 500 |
| 32     | ▲●          | ▲◆ | ▲◆ | ◆  | ◆   | ◆   | ◆   | ◆   | ◆   | ◆   | ◆   | ◆   |
| 40     | ▲●          | ▲◆ | ▲◆ | ◆  | ◆   | ◆   | ◆   | ◆   | ◆   | ◆   | ◆   | ◆   |
| 50     | ▲●          | ▲◆ | ▲◆ | ◆  | ◆   | ◆   | ◆   | ◆   | ◆   | ◆   | ◆   | ◆   |
| 63     | ▲●          | ▲◆ | ▲◆ | ◆  | ◆   | ◆   | ◆   | ◆   | ◆   | ◆   | ◆   | ◆   |

Intermediate or higher strokes are available on request.

## FIXING ELEMENTS AND ACCESSORIES - CYLINDERS A95

| Ø  | CLEVIS BRACKET KIT WITH FASTENING SCREWS                                          |               | FOOT FLANGE                                                                       |               | FASTENING WITH 2 PINS                                                               |               |
|----|-----------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------|---------------|
|    |  |               |  |               |  |               |
|    | <b>Aignep</b>                                                                     | <b>Univer</b> | <b>Aignep</b>                                                                     | <b>Univer</b> | <b>Aignep</b>                                                                       | <b>Univer</b> |
| 32 | ACC 032                                                                           | MF-21032I     | APD 032                                                                           | MF-13032I     | APE 032                                                                             | MF-18032I     |
| 40 | ACC 040                                                                           | MF-21040I     | APD 040                                                                           | MF-13040I     | APE 040                                                                             | MF-18040I     |
| 50 | ACC 050                                                                           | MF-21050I     | APD 050                                                                           | MF-13050I     | APE 050                                                                             | MF-18050I     |
| 63 | ACC 063                                                                           | MF-21060I     | APD 063                                                                           | MF-13063I     | APE 063                                                                             | MF-18063I     |

| Ø  | NUT                                                                               |               | NUT FOR RODS                                                                      |               | YOKE WITH LOCABLE PIN                                                               |               |
|----|-----------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------|---------------|
|    |  |               |  |               |  |               |
|    | <b>Aignep</b>                                                                     | <b>Univer</b> | <b>Aignep</b>                                                                     | <b>Univer</b> | <b>Aignep</b>                                                                       | <b>Univer</b> |
| 32 | -                                                                                 | -             | ODA00 00 51 C9 ZI                                                                 | KF-16032I     | FC 025                                                                              | KF-15032PI    |
| 40 | -                                                                                 | -             | ODA00 00 51 D5 ZI                                                                 | KF-16040I     | FC 040                                                                              | KF-15040PI    |
| 50 | -                                                                                 | -             | ODA00 00 51 E3 ZI                                                                 | KF-16050I     | FC 050                                                                              | KF-15050PI    |
| 63 | -                                                                                 | -             | ODA00 00 51 E3 ZI                                                                 | KF-16050I     | FC 050                                                                              | KF-15050PI    |
| 32 | AGT 032                                                                           | MF-20032I     | -                                                                                 | -             | -                                                                                   | -             |
| 40 | AGT 040                                                                           | MF-20040I     | -                                                                                 | -             | -                                                                                   | -             |
| 50 | AGT 050                                                                           | MF-20050I     | -                                                                                 | -             | -                                                                                   | -             |
| 63 | AGT 050                                                                           | MF-20050I     | -                                                                                 | -             | -                                                                                   | -             |

| Ø  | ROD ENDS SELF-LUBRICATING                                                           |               | DSL SENSOR BRACKET                                                                  |
|----|-------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------|
|    |  |               |  |
|    | <b>Aignep</b>                                                                       | <b>Univer</b> | <b>Aignep</b>                                                                       |
| 32 | TF 025                                                                              | KF-17032I     | AFX 032                                                                             |
| 40 | TF 040                                                                              | KF-17040I     | AFX 040                                                                             |
| 50 | TF 050                                                                              | KF-17050I     | AFX 050                                                                             |
| 63 | TF 050                                                                              | KF-17050I     | AFX 063                                                                             |