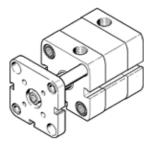
## Compact cylinder ADNGF-3/4"-1 1/2"-P-A Part number: 557219

According to ISO 21287, with plain-bearing guide, piston rod secured against rotation by means of guide rods and yoke plate.



## **Data sheet**

| Feature                                    | values   |
|--|--|
| Stroke                                     | 1.5 "  |
| Piston diameter                            | 3/4"   |
| Based on the standard                      | ISO 21287  |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends                 |
| Assembly position                          | Any  |
| Design structure                           | Piston   |
|  | Piston rod   |
|  | Profile barrel   |
| Position detection                         | For proximity sensor   |
| Protection against torque/guide            | Guide rod with yoke  |
| Working pressure                           | 21.8 145 Psi   |
| Mode of operation                          | double-acting  |
| Operating medium                           | Compressed air in accordance with ISO8573-1:2010 [7:4:4]         |
| Note on operating and pilot medium         | Lubricated operation possible (subsequently required for further |
|  | operation)   |
| Corrosion resistance classification CRC    | 2  |
| Ambient temperature                        | -4 176 °F  |
| Impact energy in end positions             | 0.148 ft-lbf   |
| Theoretical force at 6 bar, return stroke  | 31.698 lbf   |
| Theoretical force at 6 bar, advance stroke | 42.264 lbf   |
| Moving mass with 0 mm stroke               | 2.124 oz   |
| Additional weight per 10 mm stroke         | 0.389 oz   |
| Basic weight for 0 mm stroke               | 5.699 oz   |
| Additional mass factor per 10 mm of stroke | 0.92 oz  |
| Mounting type                              | Optional   |
|  | with through hole  |
|  | with internal (female) thread                                    |
|  | with accessories   |
| Pneumatic connection                       | UNF10-32   |
| Materials information for collar screws    | Steel  |
| Materials information for cover            | Wrought Aluminum alloy   |
|  | Anodized   |
| Materials information for seals            | NBR  |
| Materials information for dynamic seals    | TPE-U(PU)  |
| Materials information for piston rod       | High alloy steel   |
| Materials information for cylinder barrel  | Wrought Aluminum alloy   |
|  | Smooth anodized  |

**FESTO**