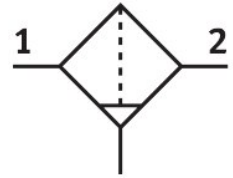


**Fine filter**  
**MS6N-LFM-3/8-BRM-Z**  
Part number: 531853

**FESTO**



 General operating condition

## Data sheet

| Feature                                       | Value                                                      |
|-----------------------------------------------|------------------------------------------------------------|
| Series                                        | MS                                                         |
| Size                                          | 6                                                          |
| Structural design                             | Fiber filter                                               |
| Grade of filtration                           | 1 µm                                                       |
| Condensate drain                              | Manually rotating                                          |
| Symbol                                        | 00991519                                                   |
| Operating pressure                            | 0 MPa ... 2 MPa                                            |
| Operating pressure                            | 0 bar ... 20 bar                                           |
| Operating pressure                            | 0 psi ... 290 psi                                          |
| Operating medium                              | Compressed air as per ISO 8573-1:2010 [6:-:4]<br>Inert gas |
| Air quality class at the output               | Compressed air as per ISO 8573-1:2010 [5:-:3]              |
| Max. standard flow rate for air quality class | 950 l/min                                                  |
| Min. standard flow rate for air quality class | 140 l/min                                                  |
| Filter efficiency                             | 99.99 %                                                    |
| Max. condensate volume                        | 38 ml                                                      |
| Bowl guard                                    | Plastic bowl guard                                         |
| Corrosion resistance class (CRC)              | 2 - Moderate corrosion stress                              |
| LABS (PWIS) conformity                        | VDMA24364-B1/B2-L                                          |
| For use in the food industry                  | See supplementary material information                     |
| Temperature of medium                         | -10 °C ... 60 °C                                           |
| Ambient temperature                           | -10 °C ... 60 °C                                           |
| Storage temperature                           | -10 °C ... 60 °C                                           |
| Filter efficiency, fine particles             | 99 %                                                       |
| Residual oil content                          | 0.5 mg/m <sup>3</sup>                                      |
| Filter efficiency, oil aerosol                | 90 %                                                       |
| Type of mounting                              | With accessories                                           |
| Mounting position                             | Vertical +/- 5°                                            |
| Pneumatic connection 1                        | 3/8 NPT                                                    |
| Pneumatic connection 2                        | 3/8 NPT                                                    |
| Housing material                              | Die-cast aluminum                                          |
| Compressed air filter material                | Borosilicate fiber                                         |
| Material of bowl                              | PC                                                         |
| Seals material                                | NBR                                                        |

| Feature           | Value          |
|-------------------|----------------|
| Note on materials | RoHS-compliant |
| Product weight    | 600 g          |