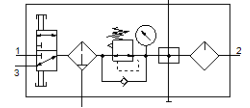
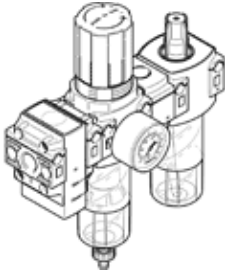


# Service unit combination FRC-1/4-DB-7-MINI-KC-MPA

Part number: 3339280  
Product to be discontinued

FESTO

Output pressure max. 7 bar, with pressure gauge, 40 µ filtration grade.  
Type to be discontinued. Available until 2024. See Support Portal for alternative products.



## Data sheet

| Feature                                 | Value  |
|---|--|
| Size                                    | Mini   |
| Width                                   | 158 mm   |
| Exhaust-air function                    | not throttleable   |
| Series                                  | DB   |
| Actuator lock                           | Padlock (optional)<br>Rotary knob with lock  |
| Assembly position                       | Vertical +/- 5°  |
| Type of actuation                       | manual   |
| Condensate drain                        | manual rotary  |
| Design structure                        | On-off valve/filter regulator/distributor module/lubricator  |
| Max. condensate volume                  | 13 ml  |
| Grade of filtration                     | 40 µm  |
| Controller function                     | Output pressure constant<br>with secondary exhaust<br>with return flow<br>Without primary pressure compensation  |
| Pressure gauge                          | with pressure gauge  |
| Operating pressure MPa                  | 0.15 ... 1 MPa   |
| Working pressure                        | 1.5 ... 10 bar   |
| Pressure regulation range               | 0.5 ... 7 bar  |
| Max. pressure hysteresis                | 0.5 bar  |
| Max. standard flow rate                 | 2,400 l/min  |
| Standard nominal flow rate              | 400 l/min  |
| Operating medium                        | Compressed air to ISO 8573-1:2010 [7:9:4]  |
| Note on operating and pilot medium      | Lubricated operation not possible  |
| Approved oils                           | Festo special oil in 1-liter containers<br>Order code: 152 811 OFSW-32<br>ARAL Vitam GF 32<br>ESSO Nuto H 32<br>MOBIL DTE 24<br>SHELL Tellus Oil DO 32<br>Range of viscosity 32mm <sup>2</sup> /s at 40°C<br>ISO class VG 32 to ISO 3448 |
| Corrosion resistance classification CRC | 1 - Low corrosion stress   |
| PWIS conformity                         | VDMA24364-B1/B2-L  |
| Storage temperature                     | -5 ... 50 °C   |
| Air purity class at output              | Compressed air to ISO 8573-1:2010 [7:9:-]  |
| Medium temperature                      | -5 ... 50 °C   |
| Oil viscosity                           | ISO VG 32  |
| Ambient temperature                     | -5 ... 50 °C   |
| Product weight                          | 360 g  |
| Mounting type                           | Line installation  |

| Feature                      | Value  |
|------------------------------|--|
|                              | with through hole<br>With mounting bracket<br>Optional |
| Pressure gauge connection    | G1/8   |
| Pneumatic connection, port 1 | G1/4   |
| Pneumatic connection, port 2 | G1/4   |
| Pneumatic connection, port 3 | G1/4   |
| Materials note               | Conforms to RoHS                                       |
| Material seals               | NBR  |
| Material on-off valve seals  | FPM  |
| Material rotary knob         | POM  |
| Material filter              | PE   |
| Material housing             | PA-reinforced  |
| Material Piston slide        | POM  |
| Material bowl                | PC   |