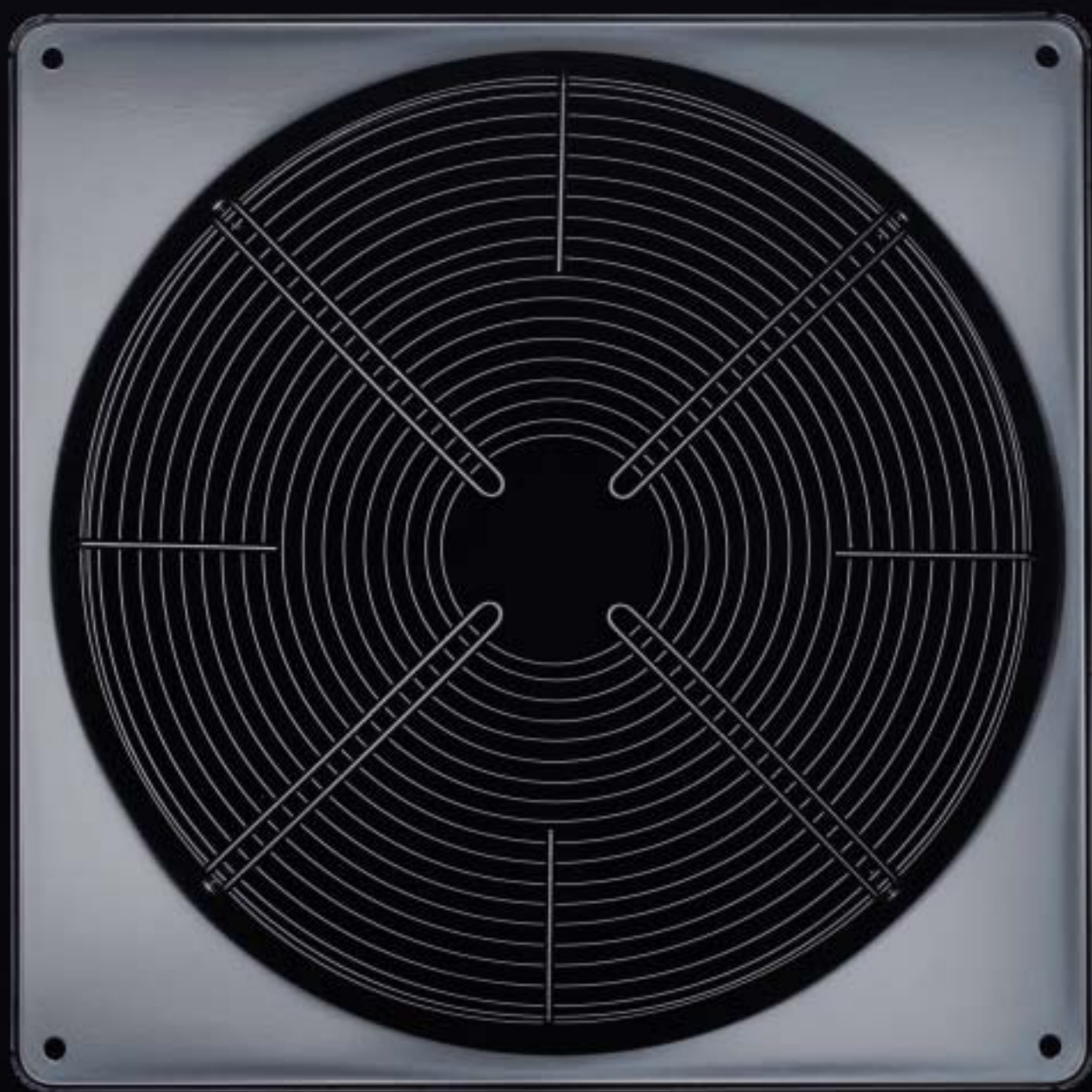
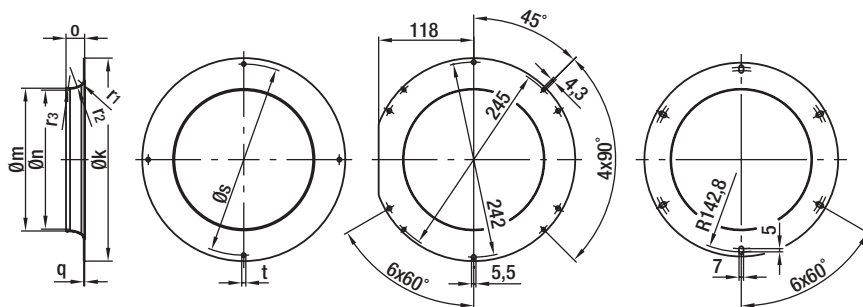


# Accessories

|  |                                              |     |
|--|----------------------------------------------|-----|
|  | Inlet rings                                  | 340 |
|  | Guard grilles                                | 342 |
|  | Wall rings                                   | 352 |
|  | Lead connections, capacitors, terminal boxes | 355 |
|  | Air filters, anti-vibration mount            | 358 |



# Accessories



- **Material:** galvanised sheet steel

**ebm-papst • Muldingen**

## Inlet rings for backward curved centrifugal fans

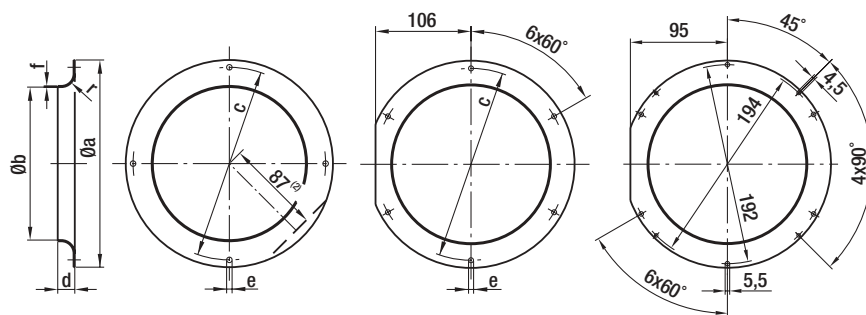
| Part no.     | Size <sup>(1)</sup> |        | AC/EC | Vers. | k   | m     | n     | o    | q    | r <sub>1</sub> | r <sub>2</sub> | r <sub>3</sub> | s   | t      |
|--------------|---------------------|--------|-------|-------|-----|-------|-------|------|------|----------------|----------------|----------------|-----|--------|
| 96120-2-4013 | 120                 | (K)    | EC    | 1     | 146 | 94,4  | ---   | 18,0 | 0,80 | 16,0           | ---            | ---            | 134 | 4x4,5  |
| 09566-2-4013 | 133                 | (K)    | AC/EC | 1     | 129 | 87,0  | ---   | 13,0 | 1,00 | 8,0            | ---            | ---            | 118 | 4x4,5  |
| 09576-2-4013 | 175 / 190           | (K)    | AC/EC | 1     | 170 | 125,5 | ---   | 14,0 | 1,25 | 10,0           | ---            | ---            | 158 | 4x4,5  |
| 09609-2-4013 | 220                 | (K)    | AC/EC | 2     | 252 | 155,0 | ---   | 21,0 | 0,80 | 22,0           | ---            | ---            | --- | ---    |
| 96358-2-4013 | 225                 | (K)    | AC/EC | 1     | 223 | 146,0 | ---   | 28,0 | 1,50 | 25,0           | ---            | ---            | 210 | 4x4,5  |
| 96359-2-4013 | 250                 | (K)(S) | AC/EC | 1     | 255 | 164,5 | ---   | 31,0 | 1,50 | 28,0           | ---            | ---            | 240 | 4x4,5  |
| 96360-2-4013 | 270 / 280           | (S)    | AC/EC | 1     | 280 | 182,5 | ---   | 35,0 | 1,50 | 31,0           | ---            | ---            | 260 | 4x4,5  |
| 97512-2-4013 | 310                 | (K)    | AC/EC | 3     | 300 | 192,0 | ---   | 53,0 | 1,00 | 30,0           | 60,0           | ---            | --- | ---    |
| 31050-2-4013 | 310                 | (A)    | AC/EC | 1     | 300 | 211,0 | 208,1 | 48,0 | 1,25 | 18,0           | 55,5           | 35,0           | 280 | 4x4,5  |
| 31051-2-4013 | 310 <sup>(2)</sup>  | (A)    | AC/EC | 1     | 300 | 211,0 | 209,2 | 27,5 | 1,25 | 10,0           | 32,0           | 20,0           | 280 | 4x4,5  |
| 51357-2-4013 | 330 / 355           | (K)    | AC    | 1     | 350 | 224,0 | ---   | 60,0 | 1,50 | 54,0           | 28,0           | ---            | 325 | 4x4,5  |
| 35560-2-4013 | 355                 | (A)    | AC/EC | 1     | 350 | 240,0 | 236,4 | 60,0 | 1,50 | 22,5           | 70,0           | 44,0           | 325 | 4x4,5  |
| 35561-2-4013 | 355 <sup>(2)</sup>  | (A)    | AC/EC | 1     | 350 | 240,0 | 238,0 | 30,0 | 1,50 | 11,0           | 35,0           | 22,0           | 325 | 4x4,5  |
| 54476-2-4013 | 400                 | (A)    | AC/EC | 1     | 370 | 257,0 | ---   | 66,0 | 1,50 | 22,0           | 50,0           | 90,0           | 345 | 4x4,5  |
| 54478-2-4013 | 450                 | (A)    | AC    | 1     | 413 | 287,0 | ---   | 71,0 | 1,50 | 25,0           | 55,0           | 100,0          | 390 | 6x9    |
| 54480-2-4013 | 500                 | (A)    | AC    | 1     | 456 | 323,0 | ---   | 79,0 | 1,50 | 28,0           | 65,0           | 115,0          | 430 | 6x9    |
| 63072-2-4013 | 500                 | (A)    | EC    | 1     | 470 | 342,0 | 337,0 | 75,0 | 2,00 | 28,0           | 87,0           | 55,0           | 445 | 6x9    |
| 63071-2-4013 | 560                 | (A)    | EC    | 1     | 515 | 385,0 | 380,0 | 82,0 | 2,00 | 30,0           | 95,0           | 60,0           | 490 | 6x9    |
| 63070-2-4013 | 630                 | (A)    | EC    | 1     | 634 | 433,0 | 427,0 | 98,5 | 2,00 | 37,0           | 14,0           | 72,0           | 600 | 6x10,5 |

subject to alterations

<sup>(1)</sup> Size with key for impeller material: (K) = plastic, (S) = sheet steel, (A) = aluminium

<sup>(2)</sup> Short inlet ring

# Accessories



- **Material:** galvanised sheet steel

ebm-papst • Mulfingen

## Inlet rings for forward curved centrifugal fans

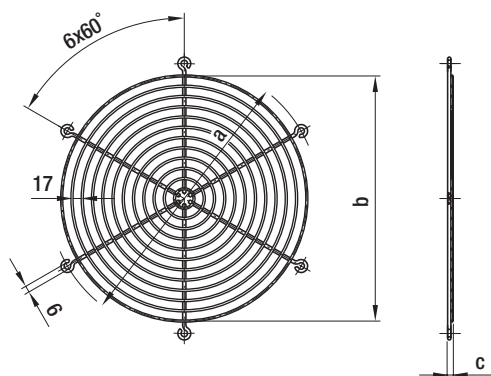
| Part no.     | Size                     | Vers.            | a   | b     | c   | d  | e     | f    | r    |
|--------------|--------------------------|------------------|-----|-------|-----|----|-------|------|------|
| 09560-2-4013 | 076 / 085 <sup>(1)</sup> | 1                | 92  | 63,4  | 84  | 6  | 3x4,2 | 0,80 | 6,8  |
| 09563-2-4013 | 097 <sup>(1)</sup>       | 1                | 116 | 80,0  | 108 | 10 | 3x4,5 | 0,80 | 10,0 |
| 09566-2-4013 | 108                      | 1                | 129 | 87,0  | 118 | 13 | 4x4,5 | 1,00 | 8,0  |
| 09569-2-4013 | 120                      | 1                | 142 | 100,0 | 132 | 9  | 4x4,5 | 1,00 | 8,0  |
| 09572-2-4013 | 133                      | 1                | 150 | 112,0 | 142 | 12 | 4x4,5 | 1,00 | 10,0 |
| 09576-2-4013 | 140 / 146                | 1                | 170 | 125,5 | 158 | 14 | 4x4,5 | 1,25 | 10,0 |
| 09588-2-4013 | 160                      | 1 <sup>(2)</sup> | 185 | 130,0 | 175 | 17 | 4x4,5 | 0,75 | 12,0 |
| 09597-2-4013 | 180                      | 3                | 210 | 149,0 | --- | 28 | ---   | 1,25 | 25,0 |
| 09605-2-4013 | 200 / 225                | 2                | 230 | 175,0 | 213 | 24 | 6x5,5 | 1,25 | 20,0 |

subject to alterations

<sup>(1)</sup> 3 drilled holes staggered by 120°

<sup>(2)</sup> Dimension 87 only with 09588-2-4013

# Accessories



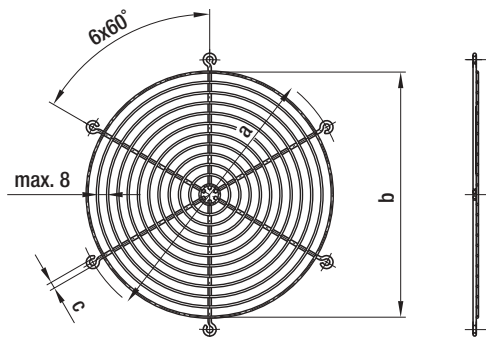
- **Material:** <sup>(1)</sup>galvanised steel wire or <sup>(2)</sup>phosphatized steel wire, plastic coated in RAL no. 9005, black

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Guard grilles (e.g. for backward curved centrifugal fans)

| Part no.                    | Size      | a   | b   | c  |
|-----------------------------|-----------|-----|-----|----|
| 65152-2-4039 <sup>(1)</sup> | 250       | 250 | 172 | 5  |
| 53526-2-4039 <sup>(1)</sup> | 280 / 310 | 290 | 210 | 10 |
| 54329-2-4039 <sup>(2)</sup> | 355       | 328 | 286 | 10 |
| 54328-2-4039 <sup>(2)</sup> | 400       | 366 | 286 | 10 |

subject to alterations



- **Material:** phosphatized steel wire, plastic coated in RAL no. 9005, black

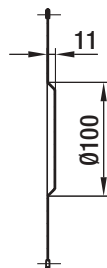
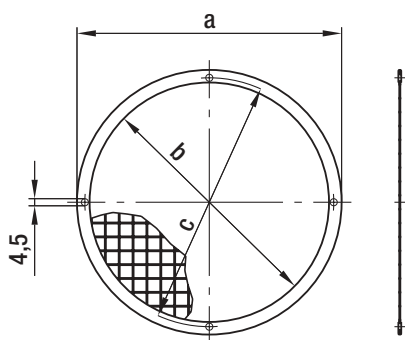
ebm-papst • Mulfingen

Guard grilles (e.g. for axial fans)

| Part no.     | Size | a   | b   | c |
|--------------|------|-----|-----|---|
| 09513-2-4039 | 200  | 250 | 227 | 6 |
| 09518-2-4039 | 250  | 295 | 265 | 7 |
| 09532-2-4039 | 300  | 380 | 323 | 9 |

subject to alterations

# Accessories



<sup>(2)</sup> Size 160

- **Material:** welded grille made of galvanised steel, frame made of tinned sheet iron 0.3 mm thick

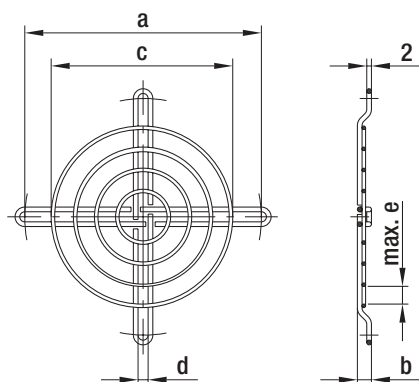
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## Guard grilles for blowers with single inlet

| Part no.     | Size                     | a   | b   | c   |
|--------------|--------------------------|-----|-----|-----|
| 09489-2-4039 | 076 / 085 <sup>(1)</sup> | 90  | 74  | 84  |
| 09490-2-4039 | 108                      | 126 | 110 | 118 |
| 09494-2-4039 | 120                      | 140 | 124 | 132 |
| 09492-2-4039 | 140 / 146                | 168 | 152 | 158 |
| 09503-2-4039 | 160 <sup>(2)</sup>       | 183 | 170 | 175 |
| 09493-2-4039 | 180                      | 205 | 189 | 194 |

subject to alterations

<sup>(1)</sup> 3 drilled holes staggered by 120°



- **Material:** <sup>(1)</sup>sheet steel, plastic coated, silver-metallic gloss or <sup>(2)</sup>galvanised sheet steel, chromatised in blue

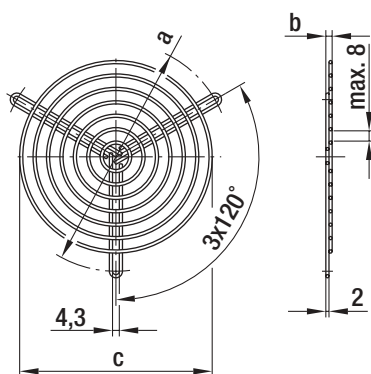
ebm-papst • Mulfingen

## Guard grilles for blowers with single inlet

| Part no.                    | Size      | a   | b   | c   | d   | e |
|-----------------------------|-----------|-----|-----|-----|-----|---|
| 09603-2-4039 <sup>(1)</sup> | 076 / 085 | 101 | 6,0 | 79  | 4,3 | 8 |
| 98214-2-4039 <sup>(1)</sup> | 108       | 120 | 3,5 | 88  | 4,3 | 8 |
| 25028-2-4039 <sup>(2)</sup> | 140 / 146 | 162 | 8,5 | 139 | 4,3 | 8 |
| 17729-2-4039 <sup>(2)</sup> | 160       | 175 | 3,5 | 139 | 4,6 | 7 |

subject to alterations

# Accessories



- **Material:** phosphatized steel wire, plastic coated in <sup>(1)</sup>RAL no. 9005, black or <sup>(2)</sup>silver-metallic gloss

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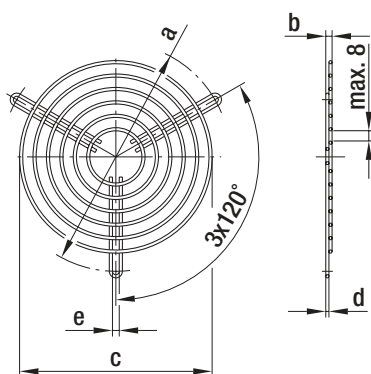
## Guard grilles for blowers with dual inlet

| Part no.                    | Size               | a   | b   | c   |
|-----------------------------|--------------------|-----|-----|-----|
| 83319-2-4039 <sup>(2)</sup> | 097 <sup>(3)</sup> | 96  | 3,5 | 71  |
| 09485-2-4039 <sup>(2)</sup> | 097 <sup>(4)</sup> | 114 | 3,5 | 88  |
| 09500-2-4039 <sup>(2)</sup> | 133 / 146          | 145 | 4,0 | 122 |
| 31003-2-4039 <sup>(2)</sup> | 180                | 174 | 9,5 | 192 |
| 95644-2-4039 <sup>(1)</sup> | 200                | 250 | 5,0 | 206 |

subject to alterations

<sup>(3)</sup> for D2E097-CB

<sup>(4)</sup> for D2E097-B\*



- **Material:** phosphatized steel wire, plastic coated, silver-metallic gloss

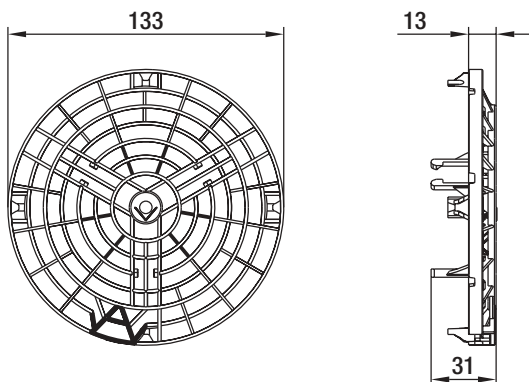
ebm-papst • Mulfingen

## Guard grilles for blowers with dual inlet (EW sheet steel support)

| Part no.     | Size | a   | b  | c   | d   | e   |
|--------------|------|-----|----|-----|-----|-----|
| 35000-2-4039 | 160  | 182 | 12 | 144 | 2,4 | 4,5 |
| 62226-2-4039 | 180  | 192 | 9  | 173 | 3,0 | 5,2 |
| 62227-2-4039 | 200  | 213 | 9  | 190 | 3,0 | 5,2 |
| 62228-2-4039 | 225  | 242 | 9  | 222 | 3,0 | 5,2 |
| 25825-2-4039 | 250  | 275 | 9  | 255 | 3,0 | 5,2 |

subject to alterations

# Accessories



- **Material:** Ultramid A3X2G5, black
- **Special feature:** triangular, raised contour
- **Suitable for:** D2E 140 -HR  
D2E 146 -HR  
D2E 146 -HS  
D2E 146 -HT  
D4E 146 -LV  
K4E 146 -AB  
D4E 160 -HN

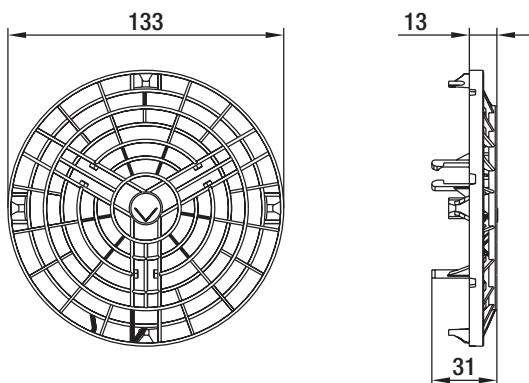
ebm-papst • Mulfingen

Guard grilles for blowers with dual inlet with plastic housing (cable exit side of blower)

Part no.

34265-2-2929

subject to alterations



- **Material:** Ultramid A3X2G5, black
- **Special feature:** outmost two rings are closed
- **Suitable for:** D2E 140 -HR  
D2E 146 -HR  
D2E 146 -HS  
D2E 146 -HT  
D4E 146 -LV  
K4E 146 -AB  
D4E 160 -HN

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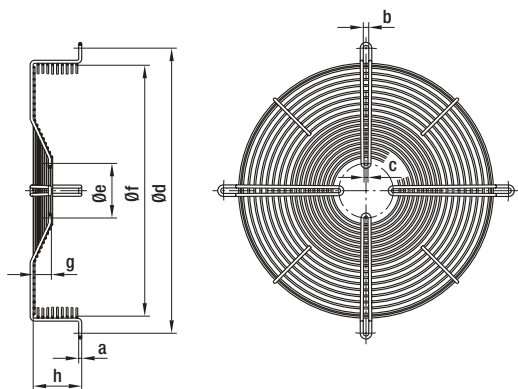
Guard grilles for blowers with dual inlet with plastic housing (side of blower opposite cable exit)

Part no.

38182-2-2929

subject to alterations

# Accessories



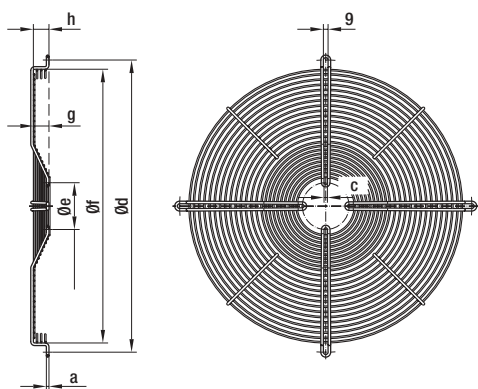
- **Material:** phosphatized steel wire, plastic coated in RAL no. 9005, black
- **Note:** Please consult your engineer for relevant part numbers of complete fans.

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## Basket guard grilles for S-Range axial fans

| Part no.     | Size | AC/EC | AC motor | EC motor | a   | b   | c   | d   | e   | f     | g    | h  |
|--------------|------|-------|----------|----------|-----|-----|-----|-----|-----|-------|------|----|
| 19110-2-4039 | 200  | AC/EC | 068      | 074      | 3,9 | 6,5 | 4,3 | 260 | 58  | 229,0 | ---  | 39 |
| 19111-2-4039 | 250  | AC/EC | 068      | 074      | 3,9 | 6,5 | 4,5 | 300 | 58  | 271,0 | ---  | 38 |
| 19112-2-4039 | 250  | AC/EC | 068      | 074      | 3,9 | 6,5 | 4,5 | 300 | 58  | 271,0 | ---  | 53 |
| 64555-2-4039 | 300  | AC/EC | 068      | 074      | 4,5 | 4,3 | 4,3 | 360 | 58  | 329,5 | ---  | 50 |
| 64556-2-4039 | 300  | AC    | 068      | ---      | 4,5 | 4,3 | 4,3 | 360 | 58  | 329,5 | 26,0 | 50 |
| 64557-2-4039 | 300  | AC    | 074      | ---      | 5,0 | 6,5 | 6,5 | 330 | 90  | 324,0 | ---  | 50 |
| 64558-2-4039 | 315  | AC    | 068      | ---      | 4,5 | 6,5 | 4,5 | 375 | 58  | 336,5 | 30,0 | 80 |
| 64559-2-4039 | 330  | AC    | 068      | ---      | 4,5 | 6,5 | 4,5 | 410 | 58  | 354,5 | 30,0 | 80 |
| 64560-2-4039 | 350  | AC    | 074      | ---      | 5,0 | 6,5 | 6,5 | 422 | 90  | 380,0 | 30,0 | 80 |
| 64379-2-4039 | 400  | AC/EC | 074      | 084      | 5,0 | 9,0 | 6,5 | 470 | 90  | 420,0 | 30,0 | 80 |
| 64536-2-4039 | 420  | AC/EC | 074      | 084      | 5,0 | 9,0 | 6,5 | 502 | 90  | 458,0 | 30,0 | 80 |
| 64378-2-4039 | 450  | AC/EC | 074      | 084      | 5,0 | 9,0 | 6,5 | 522 | 90  | 482,0 | 30,0 | 80 |
| 25938-2-4039 | 450  | AC    | 094      | ---      | 7,0 | 9,0 | 7,0 | 515 | 115 | 472,0 | 16,5 | 80 |

subject to alterations



- **Material:** phosphatized steel wire, plastic coated in RAL no. 9005, black

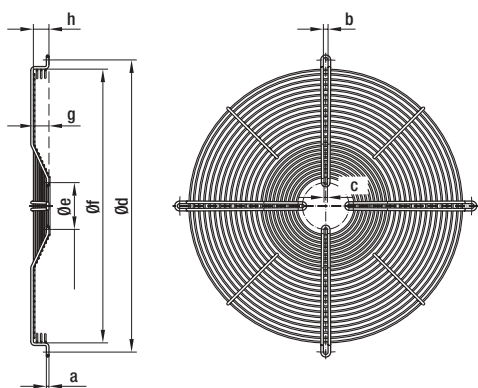
ebm-papst • Mulfingen

## Basket guard grilles for S-Range axial fans (for mounting on square wall rings with long nozzle)

| Part no.     | Size      | AC/EC | AC motor | EC motor | a | c   | d   | e   | f   | g    | h    |
|--------------|-----------|-------|----------|----------|---|-----|-----|-----|-----|------|------|
| 63978-2-4039 | 420 / 450 | AC/EC | 074      | 084      | 5 | 6,5 | 562 | 90  | 526 | 30,0 | 30,0 |
| 25950-2-4039 | 450       | AC    | 094      | ---      | 7 | 7,0 | 560 | 115 | 523 | 16,5 | 38,0 |

subject to alterations

# Accessories



- **Material:** phosphatized steel wire, plastic coated in RAL no. 9005, black
- **Note:** Please consult your engineer for relevant part numbers of complete fans.

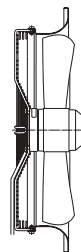
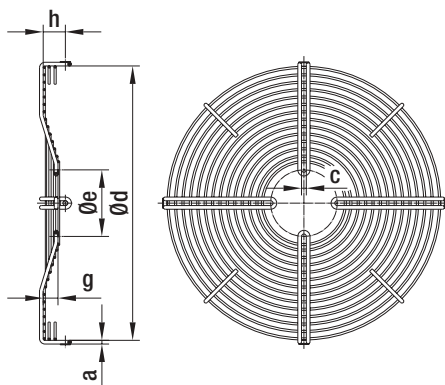
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Guard grilles for S-Range axial fans

| Part no.     | Size      | AC/EC | AC motor | EC motor | a   | b   | c   | d   | e   | f   | g    | h    |
|--------------|-----------|-------|----------|----------|-----|-----|-----|-----|-----|-----|------|------|
| 18656-2-4039 | 200       | AC    | 068      | ---      | 3,9 | 4,6 | 4,6 | 245 | 58  | --- | ---  | ---  |
| 62622-2-4039 | 200       | EC    | ---      | 074      | 3,9 | 4,6 | 4,6 | 245 | 58  | --- | ---  | ---  |
| 09414-2-4039 | 250       | AC    | 068      | ---      | 3,9 | 4,6 | 4,6 | 290 | 58  | --- | ---  | ---  |
| 62623-2-4039 | 250       | EC    | ---      | 074      | 3,9 | 4,6 | 4,6 | 290 | 58  | --- | ---  | ---  |
| 09415-2-4039 | 300       | AC    | 068      | ---      | 3,9 | 4,6 | 4,6 | 360 | 58  | --- | ---  | ---  |
| 62624-2-4039 | 300       | EC    | ---      | 074      | 3,9 | 4,6 | 4,6 | 360 | 58  | --- | ---  | ---  |
| 72320-2-4039 | 300       | AC    | 068      | ---      | 4,5 | 4,3 | 4,3 | 360 | 58  | 329 | 26,0 | 26,0 |
| 64052-2-4039 | 300       | AC    | 074      | ---      | 5,0 | 6,5 | 6,5 | 360 | 90  | --- | ---  | ---  |
| 64489-2-4039 | 315       | AC    | 068      | ---      | 4,5 | 6,4 | 4,3 | 375 | 58  | 336 | 30,0 | 30,0 |
| 64490-2-4039 | 330       | AC    | 068      | ---      | 4,5 | 6,4 | 4,3 | 410 | 58  | 371 | 30,0 | 30,0 |
| 64051-2-4039 | 350       | AC    | 074      | ---      | 5,0 | 6,5 | 6,5 | 422 | 90  | 374 | 30,0 | 30,0 |
| 64538-2-4039 | 400 / 420 | AC    | 074      | 084      | 5,0 | 9,0 | 6,5 | 502 | 90  | 452 | 30,0 | 30,0 |
| 64539-2-4039 | 450       | AC    | 074      | 084      | 5,0 | 9,0 | 6,5 | 522 | 90  | 476 | 30,0 | 30,0 |
| 25950-2-4039 | 450       | AC    | 094      | ---      | 7,0 | 9,0 | 7,0 | 560 | 115 | 517 | 16,5 | 21,5 |

subject to alterations

# Accessories



Possible mounting

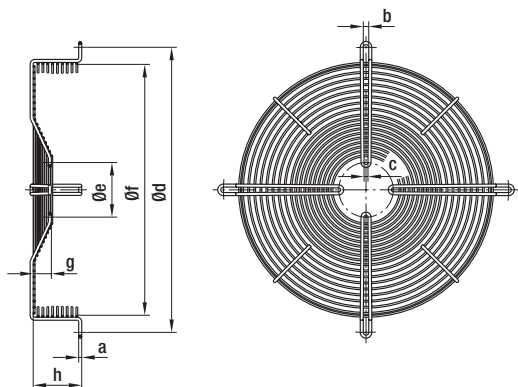
- **Material:** phosphatized steel wire, plastic coated in RAL no. 9005, black
- **Wall rings:** see page 353
- **Note:** Please consult your engineer for relevant part numbers of complete fans.

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## Guard grilles for S-Range axial fans (for mounting on the square wall ring with long nozzle, but directly on the nozzle side)

| Part no.     | Size | AC/EC | AC motor     | EC motor | a | c   | d   | e   | g    | h  |
|--------------|------|-------|--------------|----------|---|-----|-----|-----|------|----|
| 35802-2-4039 | 350  | AC    | 074          | ---      | 5 | 6,5 | 371 | 90  | 20,0 | 30 |
| 35803-2-4039 | 400  | AC    | 074 (4-pole) | ---      | 5 | 6,5 | 413 | 90  | ---  | 16 |
| 35804-2-4039 | 400  | AC/EC | 074 (6-pole) | 084      | 5 | 6,5 | 413 | 90  | 30,0 | 28 |
| 35805-2-4039 | 450  | AC    | 074 (4-pole) | ---      | 5 | 6,5 | 466 | 90  | ---  | 25 |
| 35806-2-4039 | 450  | AC/EC | 074 (6-pole) | 084      | 5 | 6,5 | 466 | 90  | 20,0 | 30 |
| 26510-2-4039 | 450  | AC    | 094          | ---      | 7 | 7,0 | 466 | 115 | 16,5 | 41 |

subject to alterations



- **Material:** phosphatized steel wire, plastic coated in RAL no. 9005, black
- **Note:** Please consult your engineer for relevant part numbers of complete fans.

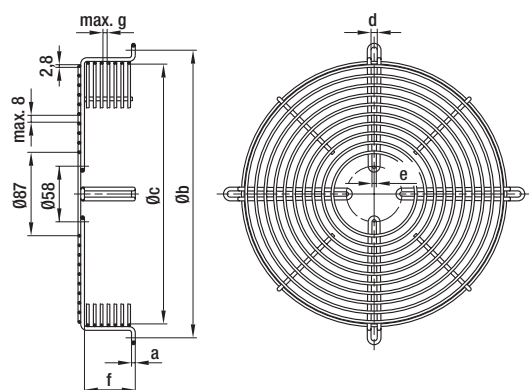
ebm-papst • Mulfingen

## Basket guard grilles for K-Range axial fans

| Part no.     | Size | AC/EC | AC motor | EC motor | a   | b   | c   | d   | e  | f   | g   | h  |
|--------------|------|-------|----------|----------|-----|-----|-----|-----|----|-----|-----|----|
| 66024-2-4039 | 250  | AC/EC | 068      | 074      | 4,5 | 4,3 | 4,3 | 300 | 58 | 271 | 26  | 60 |
| 77709-2-4039 | 300  | AC/EC | 068      | 074      | 3,9 | 4,5 | 4,5 | 360 | 58 | 340 | 26  | 26 |
| 19115-2-4039 | 350  | AC/EC | 068      | 074      | 4,5 | 6,5 | 4,5 | 422 | 58 | 380 | --- | 54 |
| 62229-2-4039 | 360  | AC/EC | 068      | 074      | 4,5 | 6,3 | 4,3 | 400 | 58 | 357 | 12  | 16 |
| 64378-2-4039 | 450  | AC/EC | 074      | 084      | 5,0 | 9,0 | 6,5 | 522 | 90 | 476 | 30  | 80 |
| 64539-2-4039 | 450  | AC/EC | 074      | 084      | 5,0 | 9,0 | 6,5 | 522 | 90 | 476 | 30  | 30 |

subject to alterations

# Accessories



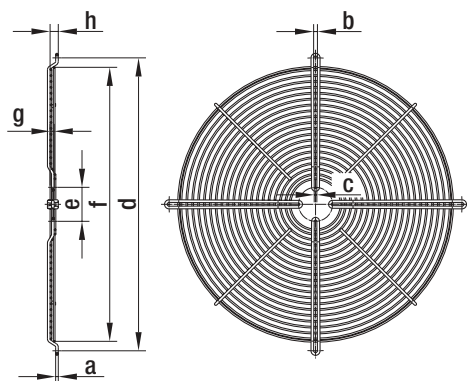
- **Material:** phosphatized steel wire, plastic coated in RAL no. 9005, black
- **Note:** Please consult your engineer for relevant part numbers of complete fans.

ebm-papst • Mulfingen

## Basket guard grilles for A-Range axial fans

| Part no.     | Size | a   | b   | c   | d   | e   | f  | g |
|--------------|------|-----|-----|-----|-----|-----|----|---|
| 19110-2-4039 | 200  | 3,9 | 260 | 229 | 6,5 | 4,3 | 39 | 6 |
| 19111-2-4039 | 250  | 3,9 | 300 | 271 | 6,5 | 4,5 | 38 | 6 |
| 19112-2-4039 | 250  | 3,9 | 300 | 271 | 6,5 | 4,5 | 53 | 6 |
| 19113-2-4039 | 300  | 3,9 | 360 | 327 | 6,5 | 4,5 | 35 | 6 |
| 19114-2-4039 | 350  | 4,5 | 422 | 375 | 6,5 | 4,5 | 72 | 6 |
| 19115-2-4039 | 350  | 4,5 | 422 | 380 | 6,5 | 4,5 | 54 | 6 |
| 63406-2-4039 | 400  | 4,5 | 470 | 428 | 9,0 | 4,5 | 67 | 8 |

subject to alterations



- **Material:** phosphatized steel wire, plastic coated in RAL no. 9005, black
- **Note:** Please consult your engineer for relevant part numbers of complete fans.

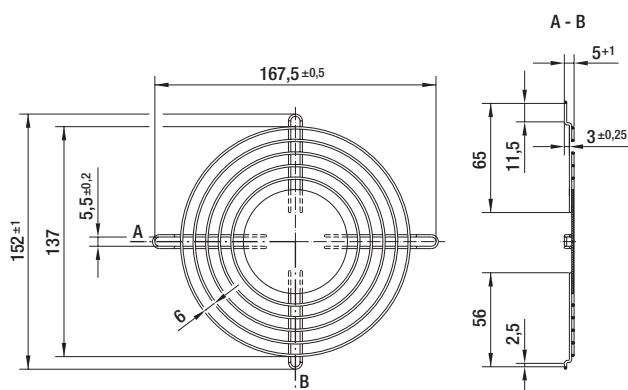
ebm-papst • Mulfingen

## Guard grilles for A-Range axial fans

| Part no.     | Size | a   | b   | c   | d   | e  | f     | g   | h    |
|--------------|------|-----|-----|-----|-----|----|-------|-----|------|
| 18656-2-4039 | 200  | 3,9 | 4,6 | 4,6 | 245 | 58 | 195,0 | --- | ---  |
| 09414-2-4039 | 250  | 3,9 | 4,6 | 4,6 | 290 | 58 | 247,0 | --- | ---  |
| 09415-2-4039 | 300  | 3,9 | 4,6 | 4,6 | 360 | 58 | 300,0 | --- | ---  |
| 19699-2-4039 | 315  | 4,5 | 6,3 | 4,3 | 375 | 58 | 327,0 | --- | 3,5  |
| 69667-2-4039 | 350  | 4,5 | 6,5 | 4,5 | 422 | 58 | 387,0 | --- | 6,5  |
| 19117-2-4039 | 400  | 4,5 | 6,3 | 4,3 | 500 | 58 | 467,5 | 7   | 14,0 |

subject to alterations

## Accessories



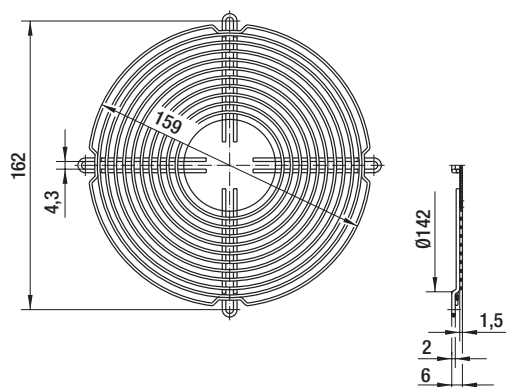
- **Material:** galvanised steel wire, chromatised in blue

**ebm-papst • Mulfingen**

### Guard grille for axial fans

| Part no.     | Size |
|--------------|------|
| 51019-2-4039 | 130  |

subject to alterations



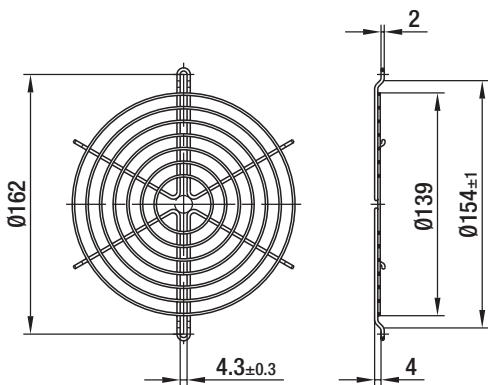
- **Material:** galvanised steel wire, chromatised in blue (alternatively: nickel-plated)

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**Guard grille for axial fans** (according to EN 294)

| Part no.     | Size        |
|--------------|-------------|
| 50952-2-4039 | 130/142/143 |

subject to alterations



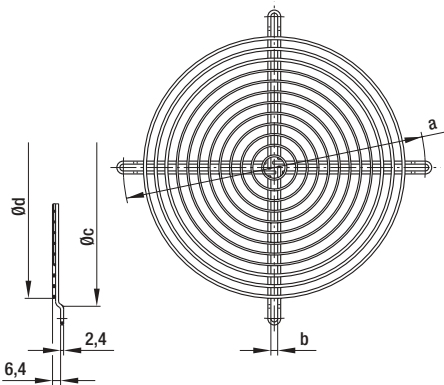
- **Material:** steel wire, <sup>(1)</sup>plastic coated, silver-metallic gloss or <sup>(2)</sup>galvanised, chromatised in blue

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Guard grille for axial fans

| Part no.     | Size |
|--------------|------|
| 03749-2-4039 | 142  |
| 04013-2-4039 | 143  |

subject to alterations



- **Material:** steel wire, plastic coated, silver-metallic gloss

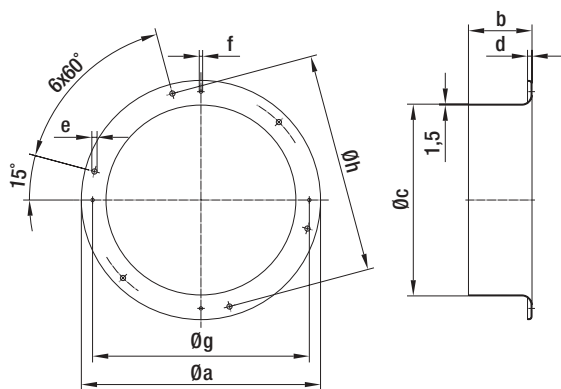
ebm-papst • Mulfingen

Guard grille for axial fans

| Part no.     | Size | a   | b   | c     | d   |
|--------------|------|-----|-----|-------|-----|
| 78128-2-4039 | 200  | 240 | 5,4 | 221,5 | 208 |
| 09418-2-4039 | 250  | 295 | 6,4 | 278,5 | 270 |

subject to alterations

# Accessories



- **Material:** sheet steel, plastic coated in RAL no. 9005, black

ebm-papst • Mulfingen

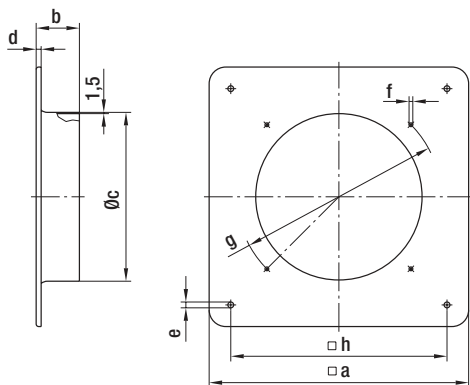
## Wall rings with long nozzle for axial fans

| Part no.     | Size               | a   | b   | c   | d  | e  | f   | g   | h   |
|--------------|--------------------|-----|-----|-----|----|----|-----|-----|-----|
| 18912-2-4037 | 200                | 280 | 80  | 203 | 5  | 7  | 4,5 | 245 | 250 |
| 64009-2-4037 | 250 (S-Range)      | 320 | 86  | 260 | 6  | 7  | 4,5 | 290 | 295 |
| 18910-2-4037 | 250 (A-Range)      | 320 | 85  | 257 | 6  | 7  | 4,5 | 290 | 295 |
| 18908-2-4037 | 300                | 397 | 80  | 326 | 11 | 9  | M4  | 360 | 380 |
| 18902-2-4037 | 315                | 397 | 74  | 347 | 11 | 9  | M6  | 374 | 380 |
| 18892-2-4037 | 330                | 440 | 80  | 369 | 11 | 9  | M6  | 408 | 404 |
| 18900-2-4037 | 350                | 460 | 80  | 390 | 12 | 9  | M6  | 422 | 442 |
| 18930-2-4037 | 400                | 528 | 96  | 419 | 12 | 9  | M8  | 500 | 504 |
| 18929-2-4037 | 420                | 544 | 96  | 447 | 12 | 9  | M8  | 500 | 520 |
| 64000-2-4037 | 450 <sup>(1)</sup> | 607 | 100 | 465 | 14 | 11 | M8  | 560 | 578 |

subject to alterations

<sup>(1)</sup> Use guard grille 63978-2-4039 to mount the axial fan

# Accessories



- **Material:** sheet steel, plastic coated in RAL no. 9005, black

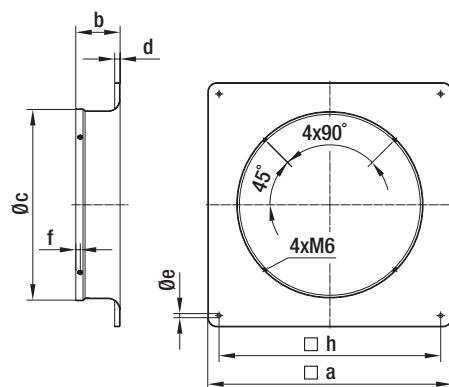
ebm-papst • Mulfingen

## Square wall rings with long nozzle for axial fans

| Part no.     | Size               | a   | b     | c   | d  | e  | f   | g   | h   |
|--------------|--------------------|-----|-------|-----|----|----|-----|-----|-----|
| 18918-2-4037 | 200                | 312 | 52,0  | 203 | 6  | 7  | 4,5 | 245 | 260 |
| 37701-2-4037 | 250 (S-Range)      | 370 | 56,0  | 260 | 6  | 7  | 4,5 | 290 | 320 |
| 18933-2-4037 | 250 (A-Range)      | 370 | 55,0  | 257 | 6  | 7  | 4,5 | 290 | 320 |
| 18924-2-4037 | 300                | 430 | 80,0  | 326 | 11 | 9  | 4,5 | 360 | 380 |
| 18903-2-4037 | 315                | 430 | 72,5  | 345 | 11 | 9  | M6  | 375 | 380 |
| 18901-2-4037 | 350                | 485 | 80,0  | 388 | 12 | 9  | M6  | 422 | 435 |
| 64005-2-4037 | 400                | 540 | 98,0  | 417 | 12 | 9  | M8  | 500 | 490 |
| 64006-2-4037 | 420 <sup>(1)</sup> | 576 | 94,0  | 439 | 14 | 11 | M8  | 560 | 535 |
| 64007-2-4037 | 450 <sup>(1)</sup> | 576 | 100,0 | 465 | 14 | 11 | M8  | 560 | 535 |

subject to alterations

<sup>(1)</sup> Use guard grille 63978-2-4039 to mount the axial fan



- **Material:** sheet steel, plastic coated in RAL no. 9005, black
- **Guard grilles:** see page 348

Possible mounting

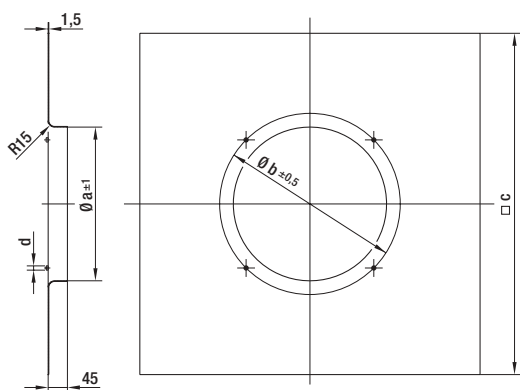
ebm-papst • Mulfingen

## Square wall rings with long nozzle for S-Range axial fans (for mounting directly on the nozzle side)

| Part no.     | Size | a   | b   | c   | d  | e  | f  | h   |
|--------------|------|-----|-----|-----|----|----|----|-----|
| 64011-2-4037 | 350  | 485 | 80  | 367 | 12 | 9  | 10 | 435 |
| 64020-2-4037 | 400  | 540 | 98  | 409 | 12 | 9  | 10 | 490 |
| 64001-2-4037 | 450  | 576 | 100 | 463 | 14 | 11 | 10 | 535 |

subject to alterations

# Accessories



- **Material:** galvanised sheet steel

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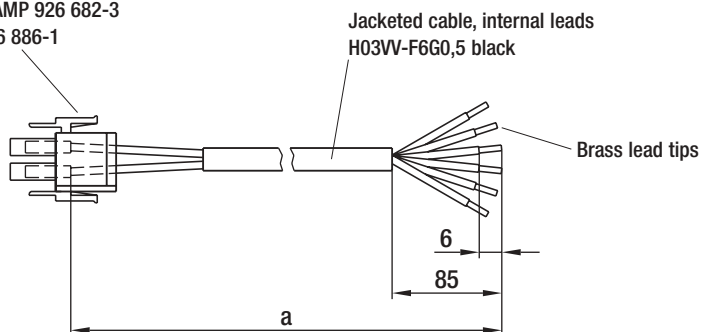
Square wall rings with short nozzle for S-Range axial fans

| Part no.     | Size | a   | b   | c   | d  |
|--------------|------|-----|-----|-----|----|
| 35222-2-4037 | 350  | 358 | 422 | 795 | M6 |
| 35223-2-4037 | 400  | 400 | 468 | 840 | M8 |
| 35224-2-4037 | 420  | 426 | 500 | 850 | M8 |
| 35225-2-4037 | 450  | 452 | 515 | 850 | M8 |

subject to alterations

# Accessories

AMP-Universal-Mate-N-Lok suitable for:  
connector shell AMP 926 682-3  
plug pin AMP 926 886-1



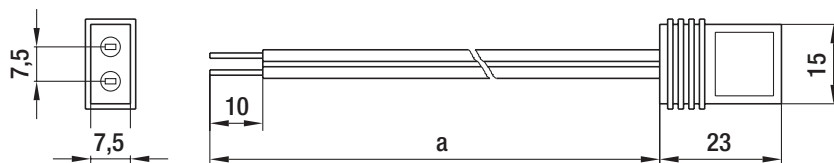
- **Suitable for:** D2E 140 -HR  
D2E 146 -HR  
D2E 146 -HS  
D2E 146 -HT
- **Plug assignment:**
  - 1 = Step 1 (white)
  - 2 = Step 2 (red)
  - 3 = Step 3 (grey)
  - 4 = Step 4 (black)
  - 5 = N (blue)
  - 6 = PE (green / yellow)

ebm-papst • Mulfingen

## Lead connections for centrifugal blowers

| Part no.     | a    |
|--------------|------|
| 21956-4-1040 | 300  |
| 21957-4-1040 | 450  |
| 21958-4-1040 | 650  |
| 21959-4-1040 | 1000 |

subject to alterations



- **Plug connection:**  
2.8 x 0.5 mm

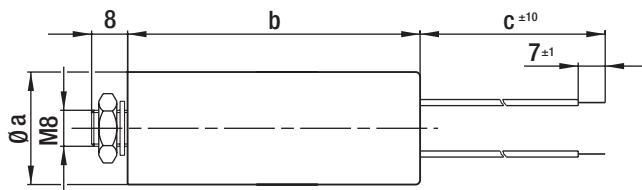
ebm-papst • Mulfingen

## Lead connections for axial fans (with plug connector)

| Part no.     | Size      | a    |
|--------------|-----------|------|
| 01434-4-6711 | 142 / 143 | 610  |
| 01477-4-6711 | 142 / 143 | 1000 |
| 01505-4-6711 | 142 / 143 | 2000 |

subject to alterations

# Accessories



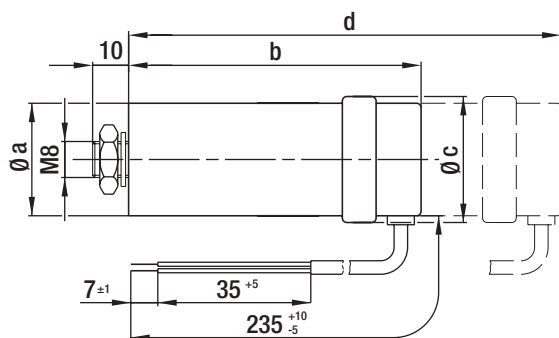
- **Material:** housing made of thermoplast
- **Connection lead:** multi-lead PVC cable 0.5 mm (16 x 0.2 mm<sup>2</sup> with brass lead tips)
- **Approval:** VDE according to DIN EN 60252 (VDE 0560/8)
- **Calculated life time:**  
400 V; -25...+85 °C; 30,000 hrs; class A  
450 V; -25...+85 °C; 10,000 hrs; class B

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## MKP motor capacitors (without fuse)

| Part no.     | Capacity | a     | b (max.) | c   |
|--------------|----------|-------|----------|-----|
| 02100-4-7320 | 1,0 µF   | 25-28 | 58       | 235 |
| 99282-4-7320 | 1,5 µF   | 25-28 | 58       | 235 |
| 99283-4-7320 | 2,0 µF   | 25-28 | 58       | 235 |
| 02103-4-7320 | 2,5 µF   | 25-28 | 58       | 235 |
| 68462-4-7320 | 3,0 µF   | 25-28 | 58       | 235 |
| 99284-4-7320 | 4,0 µF   | 28-32 | 58       | 235 |
| 02101-4-7320 | 5,0 µF   | 30-36 | 58       | 235 |
| 99285-4-7320 | 6,0 µF   | 30-36 | 70       | 235 |
| 66788-4-7320 | 7,0 µF   | 30-36 | 70       | 100 |
| 99286-4-7320 | 8,0 µF   | 35-40 | 72       | 235 |
| 99287-4-7320 | 10,0 µF  | 35-40 | 72       | 200 |
| 30457-4-7320 | 14,0 µF  | 40-45 | 92       | 150 |
| 90025-4-7320 | 25,0 µF  | 40    | 95       | 235 |

subject to alterations



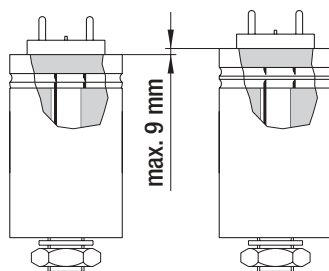
- **Material:** plastic cap, aluminium cup
- **Designation:** FPU or P2 according to IEC 252 (non-flammable, non-explosive, circuit-breaking)
- **Approval:** VDE according to DIN EN 60252 (VDE 0560/8)
- **Calculated life time:**  
420 V; -25...+85 °C; 30,000 hrs; class A  
470 V; -25...+85 °C; 10,000 hrs; class B  
500 V; -25...+85 °C; 3,000 hrs; class C

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## MKP motor capacitors (with fuse)

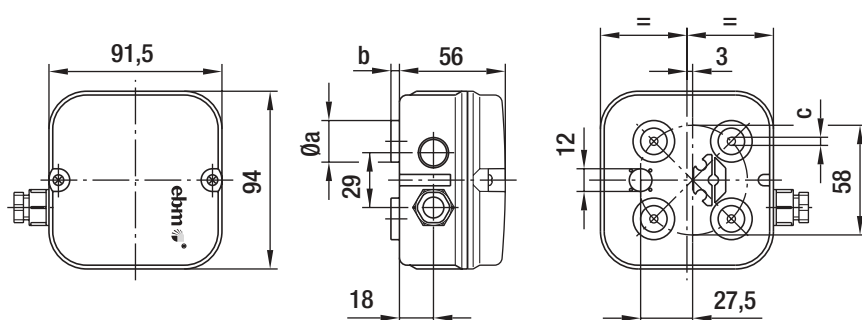
| Part no.     | Capacity | a     | b (max.) | c  | d (max.) |
|--------------|----------|-------|----------|----|----------|
| 02151-4-7320 | 1,0 µF   | 25-30 | 77       | 28 | 92       |
| 02155-4-7320 | 1,5 µF   | 25    | 77       | 28 | 92       |
| 02156-4-7320 | 2,0 µF   | 25    | 77       | 28 | 92       |
| 02159-4-7320 | 2,5 µF   | 30    | 71       | 33 | 92       |
| 02160-4-7320 | 3,0 µF   | 30    | 71       | 33 | 92       |
| 02161-4-7320 | 4,0 µF   | 25-30 | 104      | 28 | 92       |
| 02162-4-7320 | 5,0 µF   | 25-30 | 104      | 28 | 104      |
| 02163-4-7320 | 6,0 µF   | 30    | 101      | 33 | 110      |
| 02164-4-7320 | 7,0 µF   | 30-35 | 101      | 33 | 110      |
| 02165-4-7320 | 8,0 µF   | 30-35 | 102      | 33 | 111      |
| 02166-4-7320 | 10,0 µF  | 35    | 96       | 38 | 110      |
| 90026-4-7320 | 14,0 µF  | 40    | 130      | 48 | 139      |
| 02170-4-7320 | 25,0 µF  | 40-45 | 116      | 48 | 130      |

subject to alterations



- **Pull-off protector:** The housing expands by max. 9mm. The protector responds to overload by the generated excess pressure snapping off the internal lead in a predetermined breaking point.
- **Mounting:** d is the overall dimension of the capacitor which has to be taken into account when mounting the part. The capacitor design, however, depends on the manufacturer. The expansion (9mm) is either added to dimension b, or it is already integrated in the capacitor.

# Accessories



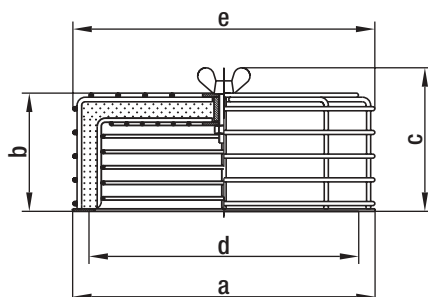
- **Description:** Two-piece terminal box for AC motors of size 068 or 074, terminal strip with 4- or 7-pole. Suitable for installation of capacitor with 10 µF max.
- **Material:** ABS
- **Type of protection:** IP54

ebm-papst • Mulfingen

## Terminal box

| Part no.     | AC motor     | a       | b    | c   |
|--------------|--------------|---------|------|-----|
| 64442-1-7612 | 068 (4-pole) | 22      | 5,0  | 4,3 |
| 64444-1-7612 | 068 (7-pole) | 22      | 5,0  | 4,3 |
| 64443-1-7612 | 074 (4-pole) | 12x14,5 | 10,5 | 5,5 |
| 64445-1-7612 | 074 (7-pole) | 12x14,5 | 10,5 | 5,5 |

subject to alterations



- **Material:** steel wire / sheet steel, plastic coated in RAL no. 9005, black
- **Filter:** Viledon filter type R: PSB / 29 OS (according to DIN 24185)  
separation capacity: < 86 %  
efficiency: < 20 %  
dust binding capacity: 650 g/m<sup>2</sup>

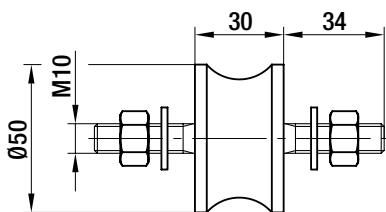
ebm-papst • Mulfingen

## Air filter for centrifugal blowers (with die-cast aluminium housing)

| Part no.     | Size            | a   | b  | c  | d       | e   | Spare filter |
|--------------|-----------------|-----|----|----|---------|-----|--------------|
| 95777-1-5171 | 108 / 120       | 142 | 66 | 83 | 118-132 | 145 | 95779-1-5171 |
| 95778-1-5171 | 140 / 146 / 160 | 185 | 74 | 91 | 158-175 | 185 | 95780-1-5171 |
| 95347-1-5171 | 180             | 210 | 74 | 91 | 194     | 185 | 95780-1-5171 |

subject to alterations

# Accessories



- **Material:** element made of rubber, 40° Shore
- **Delivery (1 set) includes:** 4 elements, 8 hexagon nuts M10, galvanised (DIN EN ISO 4032-M10-10) and 8 plain washers, galvanised (DIN EN ISO 7091-10-100HV)
- **Note:** the vibration-absorbing elements may only be exposed to pressure or shearing strain, yet tensile load has to be avoided.

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Anti-vibration mount for backward curved centrifugal fans (Ø 500 - Ø 630)

Part no.

58000-1-5164

subject to alterations