

# Contents



## Eurovacuum EVC Series

### Dry running Claw Vacuum Pump

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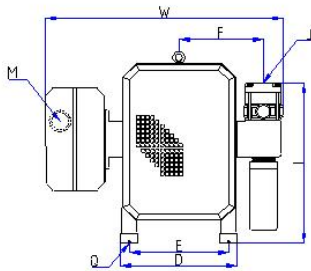
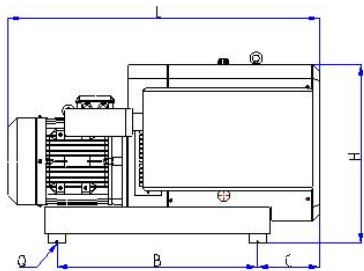
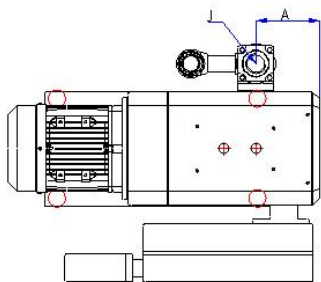
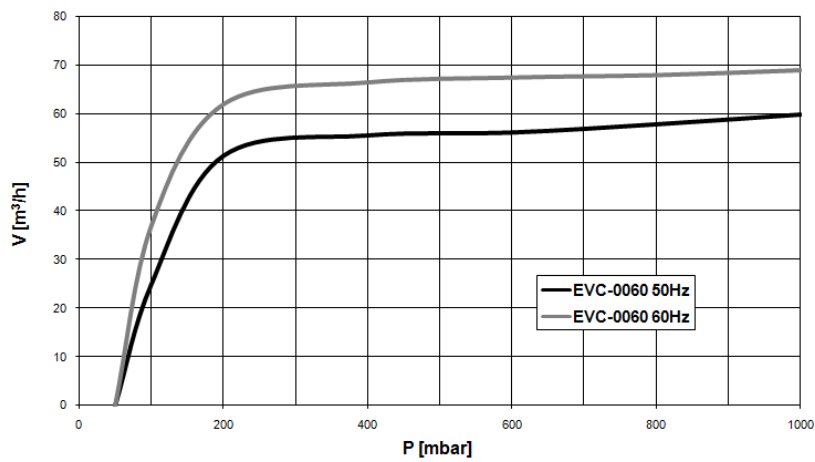
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# TYPE EVC-0060



Pumping speed curve



| Dimensions | L   | W   | H   | B   | C  | E   | D   | F   | A   | I   | J      | M      | Q    |
|------------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|--------|--------|------|
| EVC-0060   | 660 | 525 | 368 | 440 | 98 | 224 | 254 | 201 | 128 | 334 | 1-1/2" | 1-1/2" | 4xM8 |

## TYPE EVC-0060

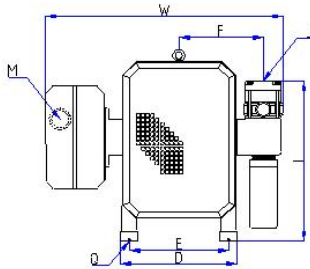
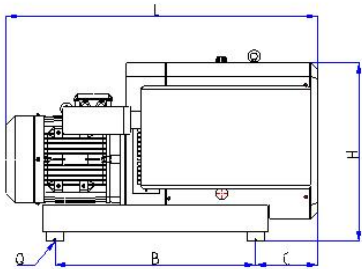
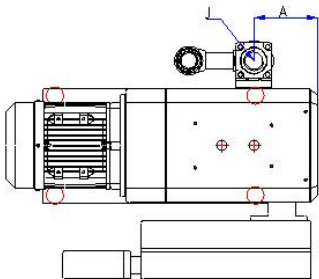
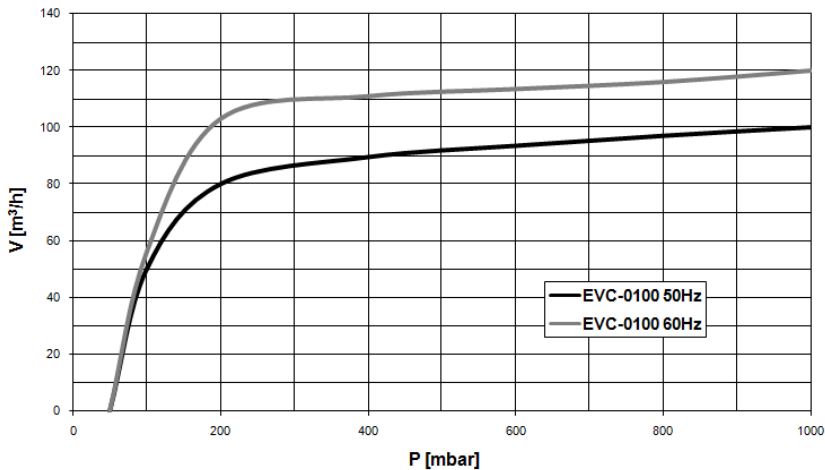
| Technical Data              |                   | EVC-0060    |             | EVCD-0060  |
|-----------------------------|-------------------|-------------|-------------|------------|
|                             |                   | 50 Hz       | 60 Hz       | 50 Hz      |
| Nominal displacement        | m <sup>3</sup> /h | 60          | 60          | 60         |
| Ultimate pressure max.      | mbar              | 60          | 60          | 5          |
| Pressure continuous running | mbar              | 160 to 1000 | 160 to 1000 | 10 to 1000 |
| Motor power                 | kW                | 1,1         | 1,5         | 2,2        |
| Nominal speed               | rpm               | 1450        | 1750        | 1450       |
| Noise level                 | dB(A)             | 70          | 72          | 72         |
| Oil filling gear housing    | ltr               | 0,5         | 0,5         | 1,0        |
| Weight                      | kg                | 100         | 105         | 250        |
| Admissible ambient temp.    | °C                | 5 to 40     | 5 to 40     | 5 to 40    |
| Connection Inlet            | NPT               | 1½"         | 1½"         | 1½"        |
| Outlet                      | NPT               | 1½"         | 1½"         | 1½"        |

| Ordering Information                                             |  | EVC-0060     |         | EVCD-0060 |
|------------------------------------------------------------------|--|--------------|---------|-----------|
|                                                                  |  | 50 Hz        | 60 Hz   | 50 Hz     |
| <b>Three phase motor</b><br>400V, 50Hz (IEC)<br>400V, 60Hz (IEC) |  | 601.001      | 601.002 | 601.201   |
| Other Voltages/Frequencies                                       |  | Upon request |         |           |
| Vacuum regulate valve                                            |  | 601.010      |         | 601.010   |
| Exhaust damper                                                   |  | 601.011      |         | 601.011   |
| Gasket set                                                       |  | 601.012      |         | 601.212   |
| Maintenance kit                                                  |  | 601.013      |         | 601.213   |
| Inlet dust filter, paper cartridge                               |  | 602.025      |         | 602.025   |
| Gearbox oil type EV-Gear Oil-150                                 |  | 100.500      |         | 100.501   |

# TYPE EVC-0100



Pumping speed curve



| Dimensions | L   | W   | H   | B   | C  | E   | D   | F   | A   | I   | J      | M      | Q    |
|------------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|--------|--------|------|
| EVC-0100   | 698 | 525 | 368 | 440 | 98 | 224 | 254 | 201 | 128 | 334 | 1-1/2" | 1-1/2" | 4xM8 |

## TYPE EVC-0100

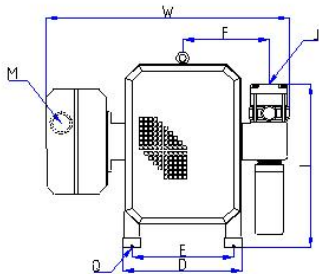
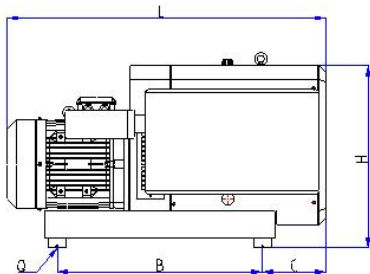
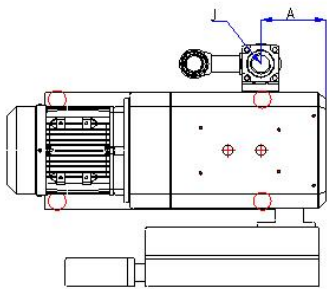
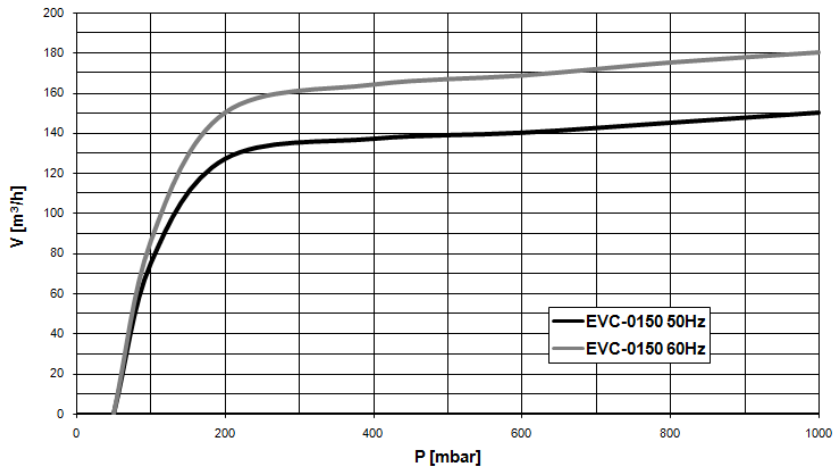
| Technical Data              |                   | EVC-0100    |             | EVCD-0100  |
|-----------------------------|-------------------|-------------|-------------|------------|
|                             |                   | 50 Hz       | 60 Hz       | 50 Hz      |
| Nominal displacement        | m <sup>3</sup> /h | 100         | 120         | 100        |
| Ultimate pressure max.      | mbar              | 50          | 50          | 5          |
| Pressure continuous running | mbar              | 160 to 1000 | 160 to 1000 | 10 to 1000 |
| Motor power                 | kW                | 2,2         | 2,6         | 3,3        |
| Nominal speed               | rpm               | 2850        | 3450        | 2850       |
| Noise level                 | dB(A)             | 78          | 82          | 79         |
| Oil filling gear housing    | ltr               | 0,5         | 0,5         | 1,0        |
| Weight                      | kg                | 108         | 113         | 290        |
| Admissible ambient temp.    | °C                | 5 to 40     | 5 to 40     | 5 to 40    |
| Connection Inlet            | NPT               | 1½"         | 1½"         | 1½"        |
| Outlet                      | NPT               | 1½"         | 1½"         | 1½"        |

| Ordering Information                                      | EVC-0100     |         | EVCD-100 |
|-----------------------------------------------------------|--------------|---------|----------|
|                                                           | 50 Hz        | 60 Hz   | 50 Hz    |
| Three phase motor<br>400V, 50Hz (IEC)<br>400V, 60Hz (IEC) | 602.001      | 602.002 | 602.201  |
| Other Voltages/Frequencies                                | Upon request |         |          |
| Vacuum regulate valve                                     | 602.010      |         | 602.010  |
| Exhaust damper                                            | 602.011      |         | 602.011  |
| Gasket set                                                | 602.012      |         | 602.212  |
| Maintenance kit                                           | 602.013      |         | 602.213  |
| Inlet dust filter, paper cartridge                        | 602.025      |         | 602.025  |
| Gearbox oil type EV-Gear Oil-150                          | 100.500      |         | 100.501  |

# TYPE EVC-0150



Pumping speed curve



| Dimensions | L   | W   | H   | B   | C   | E   | D   | F   | A   | I   | J      | M      | Q    |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|------|
| EVC-0150   | 751 | 525 | 368 | 440 | 122 | 224 | 254 | 201 | 144 | 334 | 1-1/2" | 1-1/2" | 4xM8 |

## TYPE EVC-0150

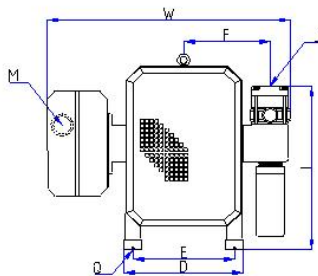
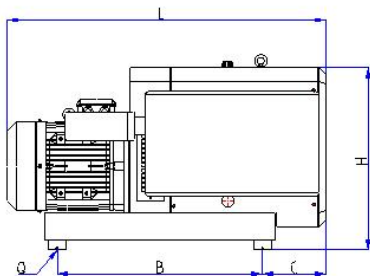
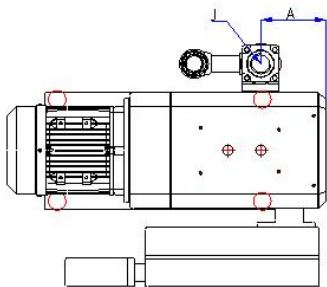
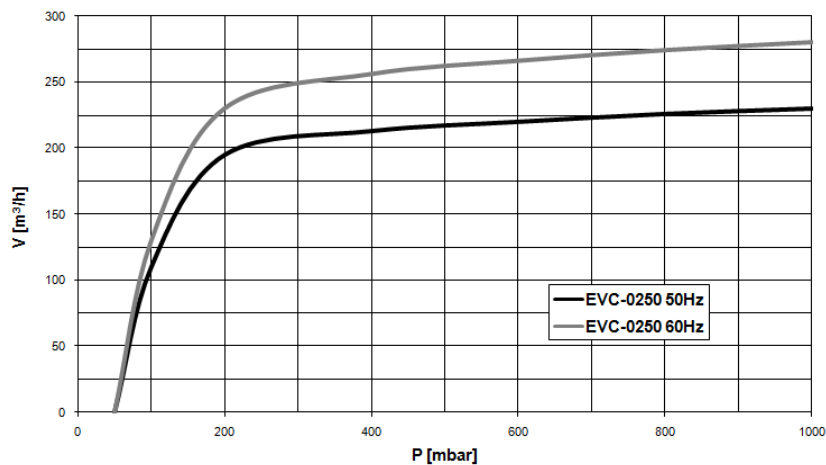
| Technical Data              |                   | EVC-0150    |             | EVCD-0150  |
|-----------------------------|-------------------|-------------|-------------|------------|
|                             |                   | 50 Hz       | 60 Hz       | 50 Hz      |
| Nominal displacement        | m <sup>3</sup> /h | 150         | 180         | 150        |
| Ultimate pressure max.      | mbar              | 50          | 50          | 5          |
| Pressure continuous running | mbar              | 160 to 1000 | 160 to 1000 | 10 to 1000 |
| Motor power                 | kW                | 3,0         | 3,6         | 5,2        |
| Nominal speed               | rpm               | 2850        | 3450        | 2850       |
| Noise level                 | dB(A)             | 79          | 82          | 80         |
| Oil filling gear housing    | ltr               | 0,5         | 0,5         | 1,0        |
| Weight                      | kg                | 121         | 125         | 280        |
| Admissible ambient temp.    | °C                | 5 to 40     | 5 to 40     | 5 to 40    |
| Connection Inlet            | NPT               | 1½"         | 1½"         | 1½"        |
| Outlet                      | NPT               | 1½"         | 1½"         | 1½"        |

| Ordering Information                                      | EVC-0150     |         | EVCD-0150 |
|-----------------------------------------------------------|--------------|---------|-----------|
|                                                           | 50 Hz        | 60 Hz   | 50 Hz     |
| Three phase motor<br>400V, 50Hz (IEC)<br>400V, 60Hz (IEC) | 603.001      | 603.002 | 603.201   |
| Other Voltages/Frequencies                                | Upon request |         |           |
| Vacuum regulate valve                                     | 603.010      |         | 603.010   |
| Exhaust damper                                            | 603.011      |         | 602.011   |
| Gasket set                                                | 603.012      |         | 603.212   |
| Maintenance kit                                           | 603.013      |         | 603.213   |
| Inlet dust filter, paper cartridge                        | 602.025      |         | 602.025   |
| Gearbox oil type EV-Gear Oil-150                          | 100.500      |         | 100.501   |

# TYPE EVC-0250



Pumping speed curve



| Dimensions | L   | W   | H   | B   | C   | E   | D   | F   | A   | I   | J  | M  | Q     |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-------|
| EVC-0250   | 884 | 698 | 524 | 590 | 167 | 292 | 342 | 249 | 180 | 471 | 2" | 2" | 4xM10 |

## TYPE EVC-0250

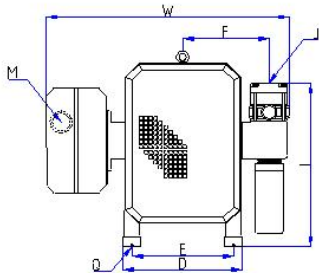
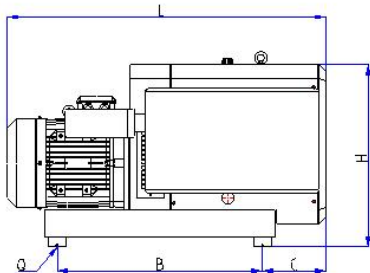
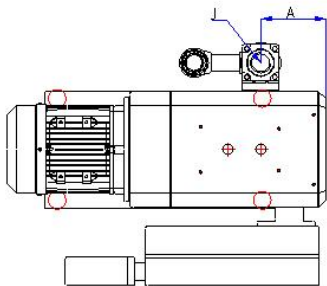
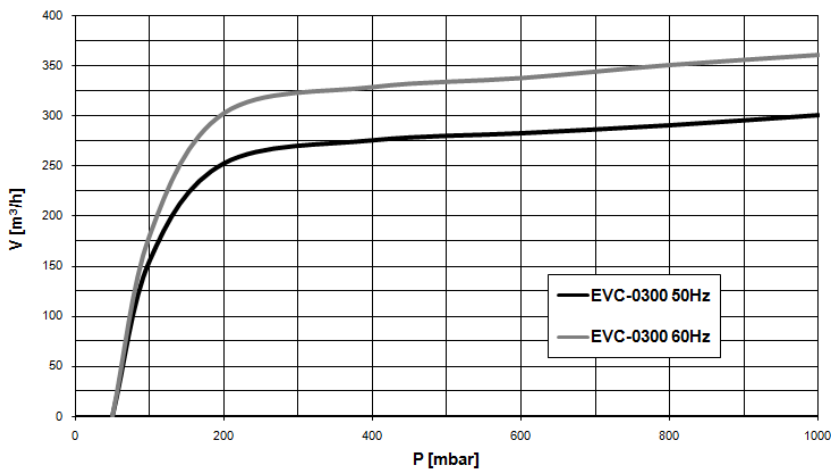
| Technical Data              |                   | EVC-0250    |             | EVCD-0250  |
|-----------------------------|-------------------|-------------|-------------|------------|
|                             |                   | 50 Hz       | 60 Hz       | 50 Hz      |
| Nominal displacement        | m <sup>3</sup> /h | 234         | 282         | 234        |
| Ultimate pressure max.      | mbar              | 50          | 50          | 5          |
| Pressure continuous running | mbar              | 180 to 1000 | 180 to 1000 | 10 to 1000 |
| Motor power                 | kW                | 4,0         | 4,8         | 5,1        |
| Nominal speed               | rpm               | 2850        | 3450        | 2850       |
| Noise level                 | dB(A)             | 78          | 82          | 79         |
| Oil filling gear housing    | ltr               | 0,75        | 0,75        | 1,25       |
| Weight                      | kg                | 218         | 224         | 350        |
| Admissible ambient temp.    | °C                | 5 to 40     | 5 to 40     | 5 to 40    |
| Connection Inlet            | NPT               | 2"          | 2"          | 2"         |
| Outlet                      | NPT               | 2"          | 2"          | 1½"        |

| Ordering Information                                             |  | EVC-0250     |         | EVCD-0250 |
|------------------------------------------------------------------|--|--------------|---------|-----------|
|                                                                  |  | 50 Hz        | 60 Hz   | 50 Hz     |
| <b>Three phase motor</b><br>400V, 50Hz (IEC)<br>400V, 60Hz (IEC) |  | 604.001      | 604.002 | 604.201   |
| Other Voltages/Frequencies                                       |  | Upon request |         |           |
| Vacuum regulate valve                                            |  | 604.010      |         | 604.010   |
| Exhaust damper                                                   |  | 604.011      |         | 602.011   |
| Gasket set                                                       |  | 604.012      |         | 604.212   |
| Maintenance kit                                                  |  | 604.013      |         | 604.213   |
| Inlet dust filter, paper cartridge                               |  | 50.800       |         | 50.800    |
| Gearbox oil type EV-Gear Oil-150                                 |  | 100.500      |         | 100.501   |

# TYPE EVC-0300



Pumping speed curve



| Dimensions | L   | W   | H   | B   | C   | E   | D   | F   | A   | I   | J  | M  | Q     |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-------|
| EVC-0300   | 916 | 698 | 524 | 590 | 182 | 292 | 342 | 249 | 187 | 471 | 2" | 2" | 4Xm10 |

## TYPE EVC-0300

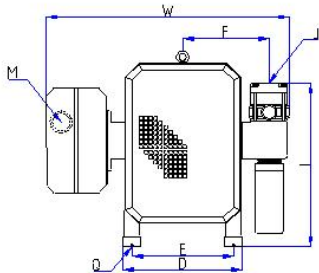
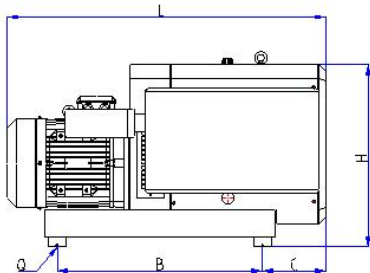
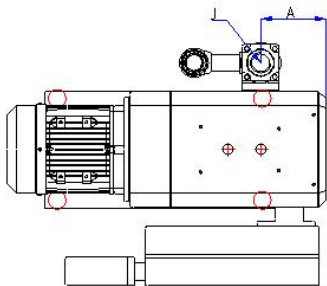
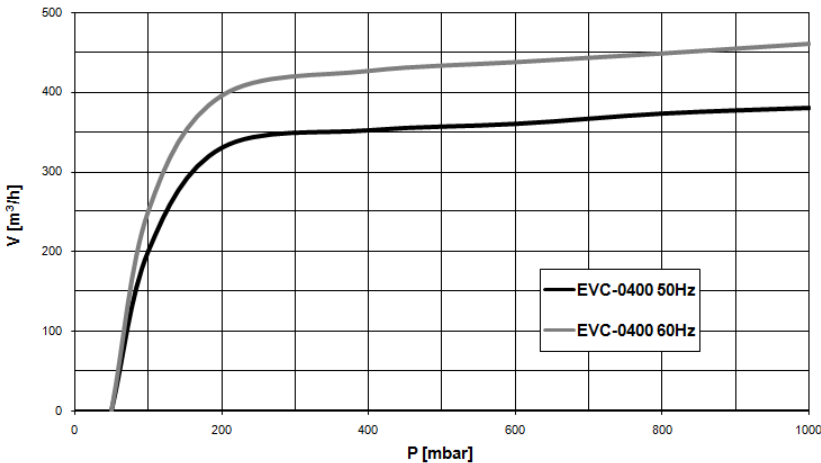
| Technical Data              |                   | EVC-0300    |             | EVCD-0300  |
|-----------------------------|-------------------|-------------|-------------|------------|
|                             |                   | 50 Hz       | 60 Hz       | 50 Hz      |
| Nominal displacement        | m <sup>3</sup> /h | 300         | 360         | 300        |
| Ultimate pressure max.      | mbar              | 50          | 50          | 5          |
| Pressure continuous running | mbar              | 180 to 1000 | 180 to 1000 | 10 to 1000 |
| Motor power                 | kW                | 5,5         | 6,6         | 6,75       |
| Nominal speed               | rpm               | 2850        | 3450        | 2850       |
| Noise level                 | dB(A)             | 79          | 83          | 81         |
| Oil filling gear housing    | ltr               | 0,75        | 0,75        | 1,5        |
| Weight                      | kg                | 235         | 248         | 450        |
| Admissible ambient temp.    | °C                | 5 to 40     | 5 to 40     | 5 to 40    |
| Connection Inlet            | NPT               | 2"          | 2"          | 2"         |
| Outlet                      | NPT               | 2"          | 2"          | 1½"        |

| Ordering Information                                             |  | EVC-0300     |         | EVCD-0300 |
|------------------------------------------------------------------|--|--------------|---------|-----------|
|                                                                  |  | 50 Hz        | 60 Hz   | 50 Hz     |
| <b>Three phase motor</b><br>400V, 50Hz (IEC)<br>400V, 60Hz (IEC) |  | 605.001      | 605.002 | 605.201   |
| Other Voltages/Frequencies                                       |  | Upon request |         |           |
| Vacuum regulate valve                                            |  | 605.010      |         | 605.010   |
| Exhaust damper                                                   |  | 605.011      |         | 603.011   |
| Gasket set                                                       |  | 605.012      |         | 605.212   |
| Maintenance kit                                                  |  | 605.013      |         | 605.213   |
| Inlet dust filter, paper cartridge                               |  | 50.800       |         | 50.800    |
| Gearbox oil type EV-Gear Oil-150                                 |  | 100.500      |         | 100.501   |

# TYPE EVC-0400



Pumping speed curve



| Dimensions | L    | W   | H   | B   | C   | E   | D   | F   | A   | I   | J  | M  | Q     |
|------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-------|
| EVC-0400   | 1001 | 899 | 544 | 800 | 133 | 292 | 372 | 284 | 205 | 468 | 3" | 3" | 4xM12 |

## TYPE EVC-0400

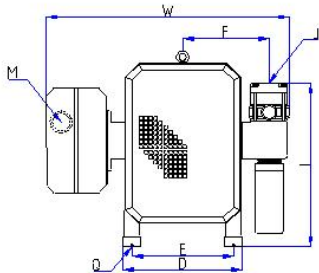
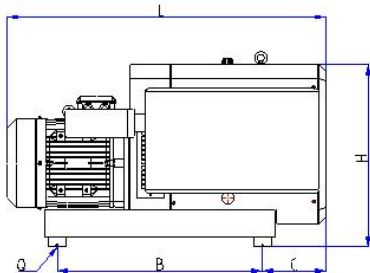
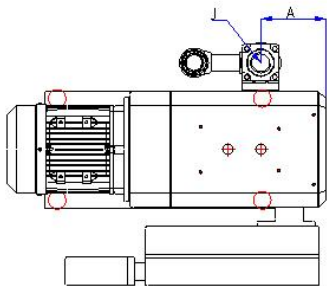
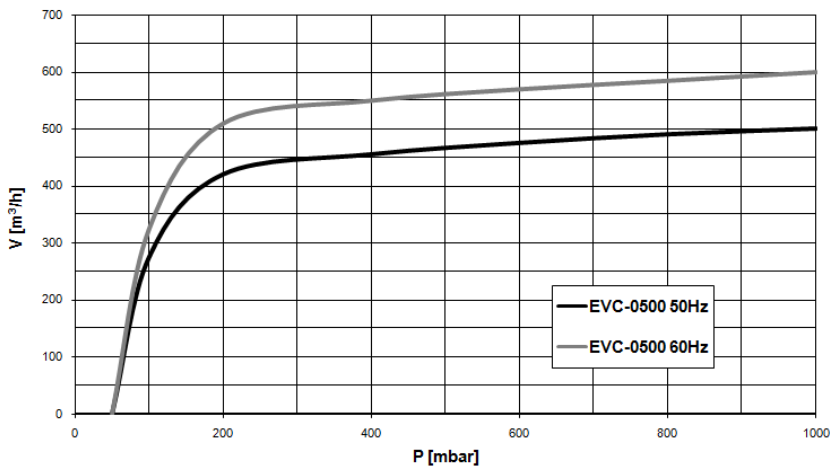
| Technical Data              |                   | EVC-0400    |             | EVCD-0400  |
|-----------------------------|-------------------|-------------|-------------|------------|
|                             |                   | 50 Hz       | 60 Hz       | 50 Hz      |
| Nominal displacement        | m <sup>3</sup> /h | 400         | 480         | 400        |
| Ultimate pressure max.      | mbar              | 50          | 50          | 5          |
| Pressure continuous running | mbar              | 200 to 1000 | 200 to 1000 | 10 to 1000 |
| Motor power                 | kW                | 7,5         | 9,0         | 11,5       |
| Nominal speed               | rpm               | 2850        | 3450        | 2850       |
| Noise level                 | dB(A)             | 82          | 85          | 84         |
| Oil filling gear housing    | ltr               | 0,75        | 0,75        | 1,5        |
| Weight                      | kg                | 280         | 312         | 550        |
| Admissible ambient temp.    | °C                | 5 to 40     | 5 to 40     | 5 to 40    |
| Connection Inlet            | NPT               | 3"          | 3"          | 3"         |
| Outlet                      | NPT               | 3"          | 3"          | 3"         |

| Ordering Information                                      | EVC-0400     |         | EVCD-0400 |
|-----------------------------------------------------------|--------------|---------|-----------|
|                                                           | 50 Hz        | 60 Hz   | 50 Hz     |
| Three phase motor<br>400V, 50Hz (IEC)<br>400V, 60Hz (IEC) | 606.001      | 606.002 | 606.201   |
| Other Voltages/Frequencies                                | Upon request |         |           |
| Vacuum regulate valve                                     | 606.010      |         | 606.010   |
| Exhaust damper                                            | 606.011      |         | 604.011   |
| Gasket set                                                | 606.012      |         | 606.212   |
| Maintenance kit                                           | 606.013      |         | 606.213   |
| Inlet dust filter, paper cartridge                        | 120.800      |         | 120.800   |
| Gearbox oil type EV-Gear Oil-150                          | 100.500      |         | 100.501   |

# TYPE EVC-0500



Pumping speed curve



| Dimensions | L    | W   | H   | B   | C   | E   | D   | F   | A   | I   | J  | M  | Q     |
|------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-------|
| EVC-0500   | 1058 | 899 | 544 | 800 | 152 | 292 | 372 | 284 | 215 | 468 | 3" | 3" | 4xM12 |

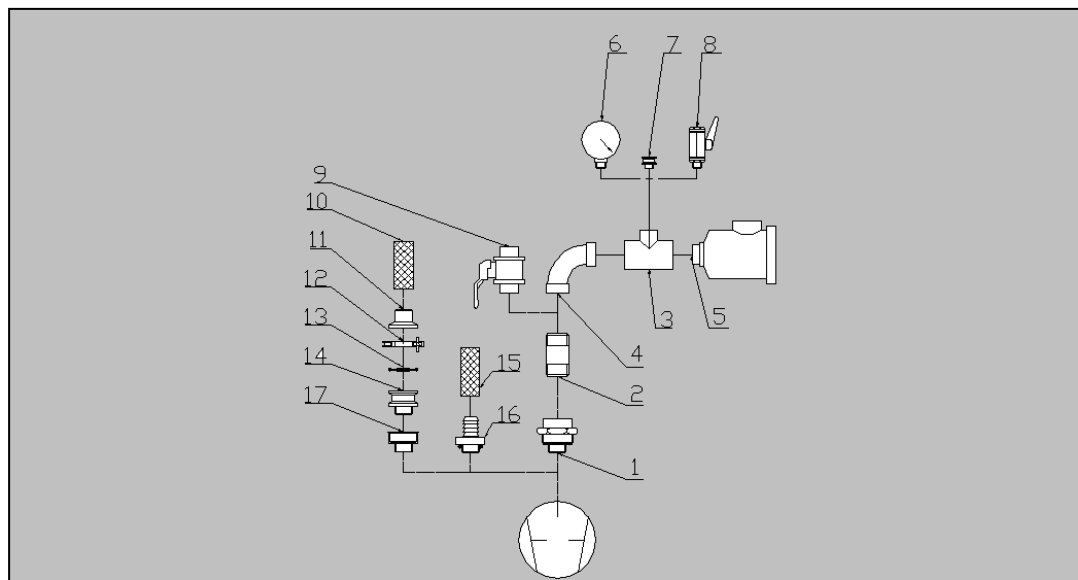
## TYPE EVC-0500

| Technical Data              |                   | EVC-0500    |             | EVCD-0500  |
|-----------------------------|-------------------|-------------|-------------|------------|
|                             |                   | 50 Hz       | 60 Hz       | 50 Hz      |
| Nominal displacement        | m <sup>3</sup> /h | 500         | 600         | 500        |
| Ultimate pressure max.      | mbar              | 50          | 50          | 5          |
| Pressure continuous running | mbar              | 200 to 1000 | 200 to 1000 | 10 to 1000 |
| Motor power                 | kW                | 9,0         | 11,0        | 13,0       |
| Nominal speed               | rpm               | 2850        | 3450        | 2850       |
| Noise level                 | dB(A)             | 82          | 85          | 84         |
| Oil filling gear housing    | ltr               | 0,75        | 0,75        | 1,5        |
| Weight                      | kg                | 285         | 317         | 600        |
| Admissible ambient temp.    | °C                | 5 to 40     | 5 to 40     | 5 to 40    |
| Connection Inlet            | NPT               | 3"          | 3"          | 3"         |
| Outlet                      | NPT               | 3"          | 3"          | 3"         |

| Ordering Information                                      | EVC-0500     |         | EVCD-0500 |
|-----------------------------------------------------------|--------------|---------|-----------|
|                                                           | 50 Hz        | 60 Hz   | 50 Hz     |
| Three phase motor<br>400V, 50Hz (IEC)<br>400V, 60Hz (IEC) | 607.001      | 607.002 | 607.201   |
| Other Voltages/Frequencies                                | Upon request |         |           |
| Vacuum regulate valve                                     | 607.010      |         | 607.010   |
| Exhaust damper                                            | 607.011      |         | 604.011   |
| Gasket set                                                | 607.012      |         | 607.212   |
| Maintenance kit                                           | 607.013      |         | 607.213   |
| Inlet dust filter, paper cartridge                        | 120.800      |         | 120.800   |
| Gearbox oil type EV-Gear Oil-150                          | 100.500      |         | 100.501   |

# EVC Series accessories

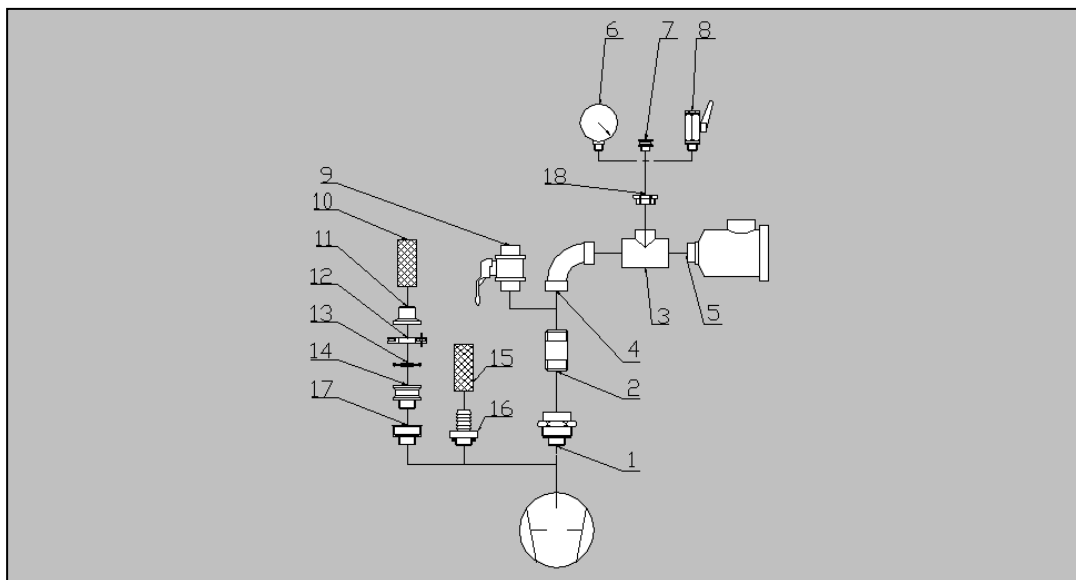
Connection fittings for EVC-0060, EVC-0100 & EVC-0150



| Item | Description                        | Connection    | Ordering No. |
|------|------------------------------------|---------------|--------------|
| 1    | Rotatable flange                   | 1½"M-1½"F     | 602.020      |
| 2    | Adapter piece                      | 1½"M-1½"M     | 602.021      |
| 3    | T-piece                            | 1½"F-½"F-1½"F | 602.022      |
| 4    | Elbow                              | 1½"F-1½"F     | 602.023      |
| 4a   | Elbow                              | 1½"F-1½"M     | 602.024      |
| 5    | Inlet dust filter, paper cartridge | 1½"M-1½"F     | 602.025      |
| 6    | Manometer 0 to -1 bar              | ½"M           | 119.006      |
| 7    | KF Adapter                         | ½"M-DN16KF    | 211.367      |
| 8    | Ball valve                         | ½"M-½"F       | 119.007      |
| 9    | Ball valve                         | 1½"F-1½"F     | 602.026      |
| 10   | Flexible hose                      | 40 mm         | 119.209      |
| 11   | Hose connection                    | DN40KF-40mm   | 211.404      |
| 12   | Clamping ring                      | DN40KF        | 211.004      |
| 13   | Centering ring                     | DN40KF        | 211.063      |
| 14   | KF Adapter                         | 1"M-DN40KF    | 211.369      |
| 15   | Flexible hose                      | 38mm          | 602.028      |
| 16   | Hose connection                    | 1½"M-38mm     | 602.029      |
| 17   | Adapter piece                      | 1½"M-1"F      | 602.030      |

# EVC Series accessories

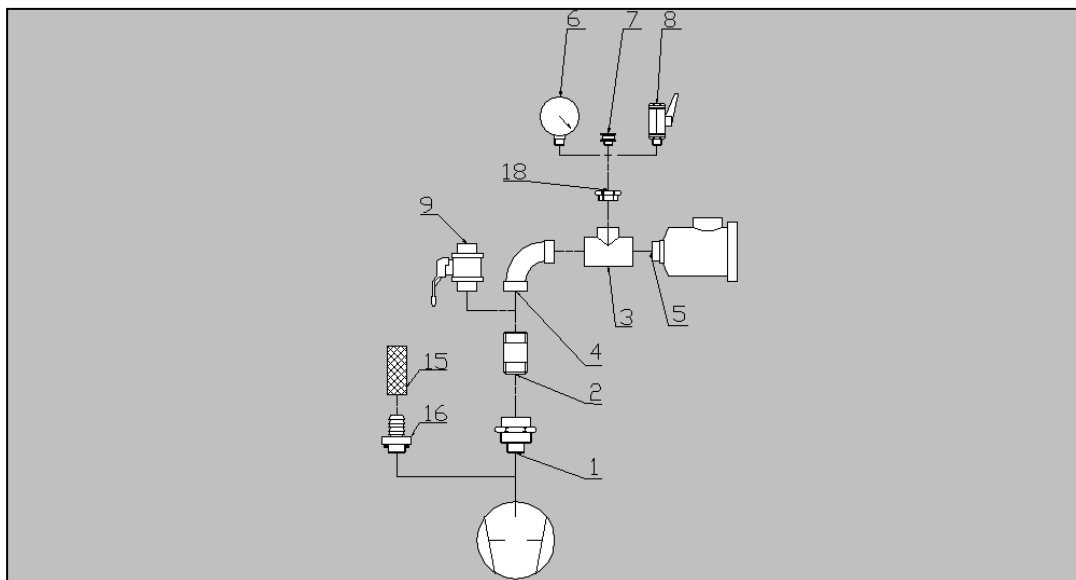
Connection fittings for EVC-0250, EVC-0300



| Item | Description                        | Connection  | Ordering No. |
|------|------------------------------------|-------------|--------------|
| 1    | Rotatable flange                   | 2"M-2"F     | 119.201      |
| 2    | Adapter piece                      | 2"M-2"M     | 119.202      |
| 3    | T-piece                            | 2"F-2"F-2"F | 119.203      |
| 4    | Elbow                              | 2"F-2"F     | 119.204      |
| 4a   | Elbow                              | 2"F-2"M     | 119.205      |
| 5    | Inlet dust filter, paper cartridge | 2"M-2"F     | 50.800       |
| 6    | Manometer 0 to -1 bar              | ½"M         | 119.006      |
| 7    | KF Adapter                         | ½"M-DN16KF  | 211.367      |
| 8    | Ball valve                         | ½"M-½"F     | 119.007      |
| 9    | Ball valve                         | 2"F-2"F     | 119.208      |
| 10   | Flexible hose                      | 40mm        | 119.209      |
| 11   | Hose connection                    | DN40KF-40mm | 211.404      |
| 12   | Clamping ring                      | DN40KF      | 211.004      |
| 13   | Centering ring                     | DN40KF      | 211.063      |
| 14   | KF Adapter                         | 1½"M-DN40KF | 211.369      |
| 15   | Flexible hose                      | 50mm        | 119.210      |
| 16   | Hose connection                    | 2"M-50mm    | 119.211      |
| 17   | Adapter piece                      | 2"M-1½"F    | 119.212      |
| 18   | Adapter piece                      | 2"M-½"F     | 119.213      |

# EVC Series accessories

Connection fittings for EVC-0400, EVC-0500



| Item | Description                        | Connection  | Ordering No. |
|------|------------------------------------|-------------|--------------|
| 1    | Rotatable flange                   | 3"M-3"F     | 119.301      |
| 2    | Adapter piece                      | 3"M-3"M     | 119.302      |
| 3    | T-piece                            | 3"F-2"F-3"F | 119.303      |
| 4    | Elbow                              | 3"F-3"F     | 119.304      |
| 4a   | Elbow                              | 3"F-3"M     | 119.305      |
| 5    | Inlet dust filter, paper cartridge | 3"M-3"F     | 120.800      |
| 6    | Manometer 0 to -1 bar              | ½"M         | 119.006      |
| 7    | KF Adapter                         | ½"M-DN16KF  | 211.367      |
| 8    | Ball valve                         | ½"M-½"F     | 119.007      |
| 9    | Ball valve                         | 3"F-3"F     | 119.308      |
| 15   | Flexible hose                      | 76mm        | 119.310      |
| 16   | Hose connection                    | 2"M-76mm    | 119.311      |
| 18   | Adapter piece                      | 2"M-½"F     | 119.313      |

# EVC Series dust filters

Dust filters for the inlet side of the EVC-Series vacuum pumps



These dust filters can be mounted on the intake side of the EVC-Series vacuum pumps to protect the pump against: dust, powders, chips, etc.

The filters consists of a steel housing with a lid and quick locking clamps.

Quick changing of cartridges is possible and the filters have a high separation ratio.

The housings are suitable to be fitted with four different kind of filters:

## Paper cartridge

Separates particles down to 5 µm. Specially suitable for dry processes. We use this filter as standard.

## Polyester cartridge

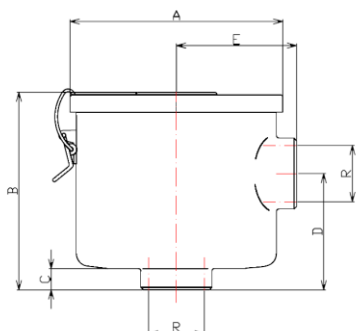
Separates particles down to 10 µm. Specially suitable for moist processes.

## Metal cartridge

Separates particles down to 30 µm, like pieces of: plastic, paper, food Materials, etc.

## Activated charcoal cartridge

Absorbs vapours of high molecular weight, like: acid and solvent vapours, alkaline solutions, etc.

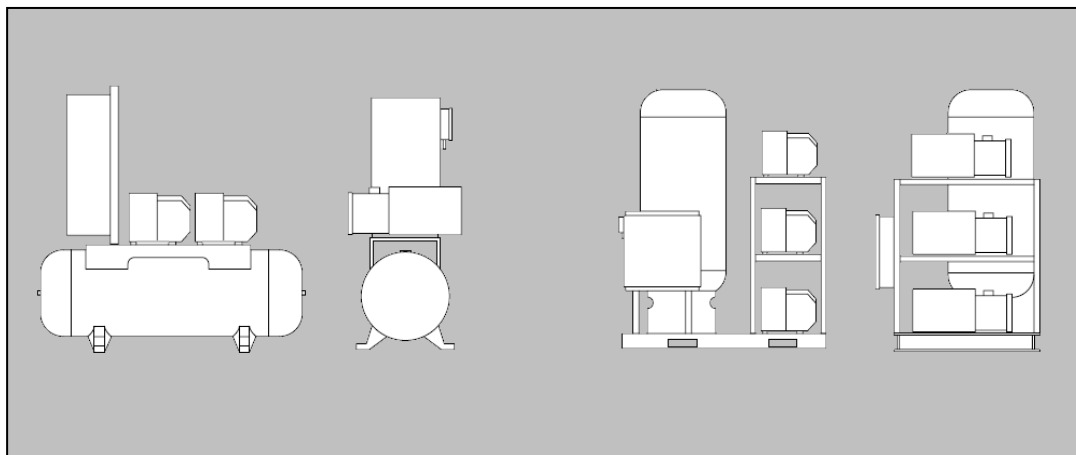


| Type    | Dimensions in mm |     |     |    |     |     | Weight<br>kg |
|---------|------------------|-----|-----|----|-----|-----|--------------|
|         | øR               | øA  | B   | C  | D   | E   |              |
| 602.025 | G 1½"            | 170 | 170 | 18 | 124 | 100 | 2,10         |
| 50.800  | G 2"             | 200 | 240 | 18 | 124 | 114 | 3,80         |
| 120.800 | G 3"             | 270 | 180 | 50 | 145 | 165 | 12,50        |

| Dust Filter                | Housing with paper cartridge | Paper cartridge | Polyester cartridge | Metal cartridge | Activated charcoal cartridge |
|----------------------------|------------------------------|-----------------|---------------------|-----------------|------------------------------|
| G 1½" for EVC-0060 to 0150 | 602.025                      | 602.0251        | 602.0252            | 602.0253        | 602.0254                     |
| G 2" for EVC-0250 to 0300  | 50.800                       | 50.8001         | 50.8101             | 50.8201         | 50.8301                      |
| G 3" for EVC-0400 to 0500  | 120.800                      | 120.8001        | 120.8101            | 120.8201        | 120.8301                     |

# EVC Central Vacuum Systems

EVC Central Vacuum Systems for use in factories and hospitals



Double system, 2 pumps

Double systems are commonly used in the Industry and offer the advantage of supplying a continuous vacuum more economical than a number of small vacuum units. It also compensates large vacuum variations in the number of vacuum consumers.

Triple system, 3 pumps

Triple systems are commonly used in hospitals and offer the same advantages as the double system. The third pump also offers an extra safety factor for when one of the pumps is switched off by an error or for service purpose. This way there is always a vacuum present, systems are according to DIN EN 737-3

We also have Single systems, 1 pump, available for small systems that need a buffer tank.

At request we will design a special system that meet your requirements.

The following extra options are available from us:

- Dust filters
- Bacterial filters and residue condensate traps
- Pneumatic or electromagnetic blocking valves
- Mobile systems build on wheels
- Stainless steel buffer tank
- Stainless steel piping
- Connections to buildings central control room

The systems are supplied as full assembled and tested, so they are Plug & Play. On your request we can also offer onsite installation and take care of removing your old system when needed.