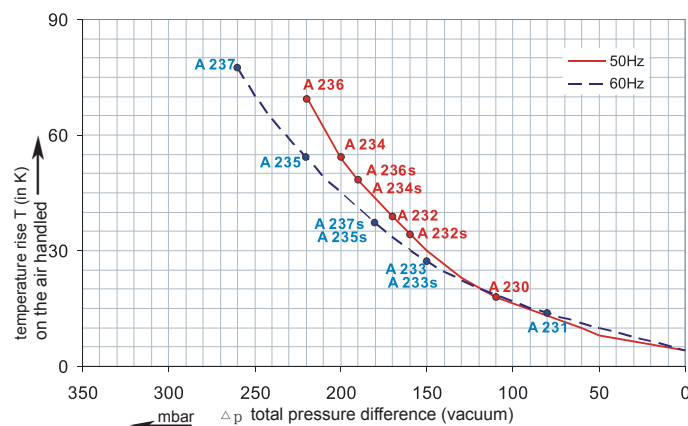
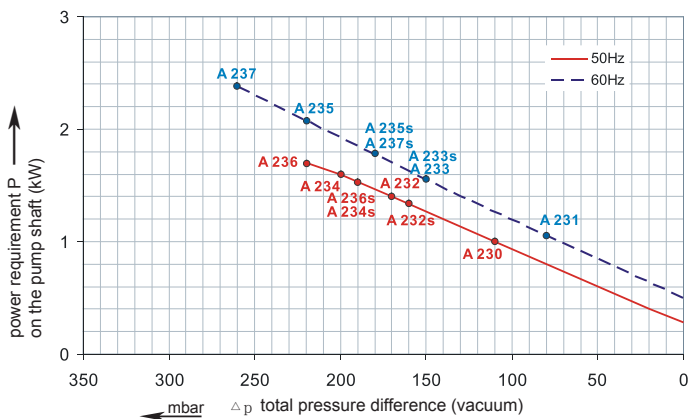
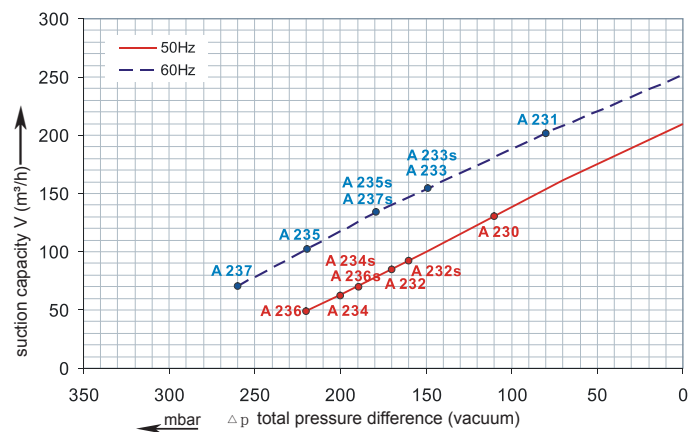


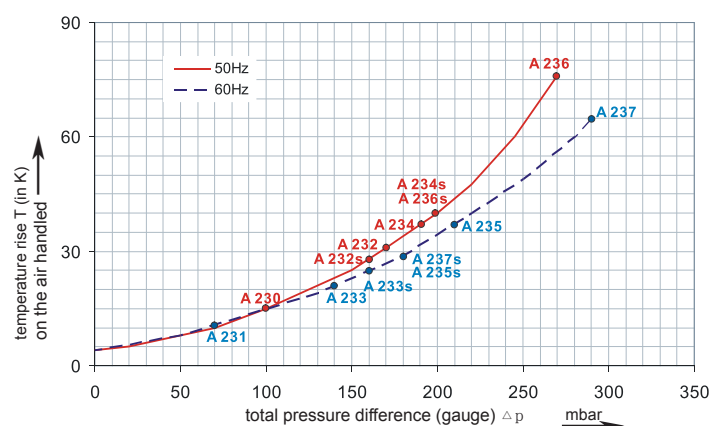
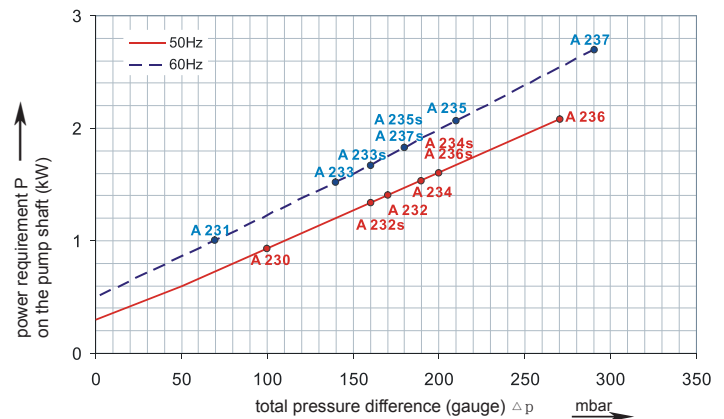
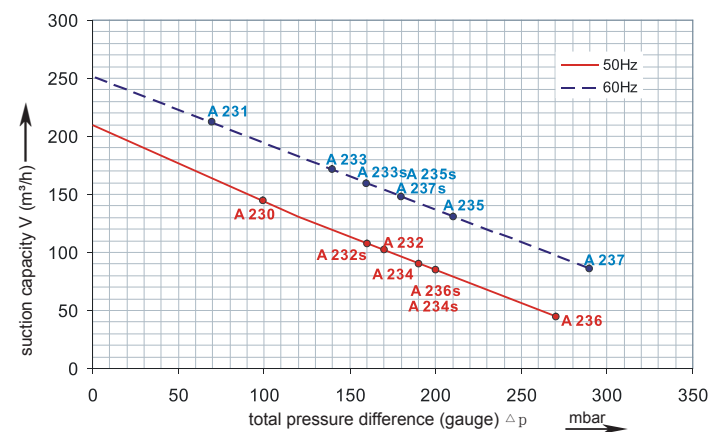
## Data sheet 2MV 510



Performance curve for Vacuum pump



Performance curve for Compressor



The performance curves are based on air at a temperature of 15 °C and an atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %.  
The total pressure differences are valid for suction and ambient temperatures up to 25 °C.  
For other conditions please confer with us.

Each 2MV type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55

## Selection and ordering data

### Type 2MV510

| Curve No. | Order No. | Fre-<br>quency | Rated<br>power | Input voltage |  | Input current |  | Permissible total differential pressure <sup>2)</sup> |                    | Sound pressure level <sup>3)</sup> | Weight ca. |
|-----------|-----------|----------------|----------------|---------------|--|---------------|--|-------------------------------------------------------|--------------------|------------------------------------|------------|
|           |           | Hz             | kW             | V             |  | A             |  | Vacuum<br>mbar                                        | Compressor<br>mbar | dB(A)                              | kg         |

#### 3~ 50/60 Hz IP55 isolation material class F 1)

|       |            |    |      |               |             |       |      |      |     |    |    |
|-------|------------|----|------|---------------|-------------|-------|------|------|-----|----|----|
| A 230 | 2MV510-H06 | 50 | 0.85 | 200D ... 240D | 345Y...415Y | 4.0D  | 2.3Y | -110 | 100 | 64 | 20 |
| A 231 | 2MV510-H06 | 60 | 0.95 | 220D ... 275D | 380Y...480Y | 4.2D  | 2.4Y | -80  | 70  | 70 | 20 |
| A 232 | 2MV510-H16 | 50 | 1.3  | 200D ... 240D | 345Y...415Y | 6.6D  | 3.8Y | -170 | 170 | 64 | 22 |
| A 233 | 2MV510-H16 | 60 | 1.5  | 220D ... 275D | 380Y...480Y | 6.9D  | 4.0Y | -150 | 140 | 70 | 22 |
| A 234 | 2MV510-H26 | 50 | 1.6  | 200D ... 240D | 345Y...415Y | 7.5D  | 4.3Y | -200 | 190 | 64 | 23 |
| A 235 | 2MV510-H26 | 60 | 2.05 | 220D ... 275D | 380Y...480Y | 7.6D  | 4.4Y | -220 | 210 | 70 | 23 |
| A 236 | 2MV510-H36 | 50 | 2.2  | 200D ... 240D | 345Y...415Y | 9.7D  | 5.6Y | -220 | 270 | 64 | 25 |
| A 237 | 2MV510-H36 | 60 | 2.55 | 220D ... 275D | 380Y...480Y | 10.3D | 6.0Y | -260 | 290 | 70 | 25 |

#### 1~ 50/60 Hz IP55 with attached condenser for continuous operation

|        |            |    |      |     |  |     |  |      |     |    |    |
|--------|------------|----|------|-----|--|-----|--|------|-----|----|----|
| A 232s | 2MV510-A11 | 50 | 1.1  | 230 |  | 7.3 |  | -160 | 160 | 64 | 21 |
| A 233s | 2MV510-A11 | 60 | 1.3  | 230 |  | 8.3 |  | -150 | 160 | 70 | 21 |
| A 234s | 2MV510-A21 | 50 | 1.5  | 230 |  | 9   |  | -190 | 200 | 64 | 24 |
| A 235s | 2MV510-A21 | 60 | 1.75 | 230 |  | 10  |  | -180 | 180 | 70 | 24 |



#### Other voltage ranges

|                             |                             |   |                          |                          |
|-----------------------------|-----------------------------|---|--------------------------|--------------------------|
| 2MV510                      |                             |   | <input type="checkbox"/> | <input type="checkbox"/> |
| 50Hz                        | 60Hz                        |   | ↑                        | ↑                        |
| 3~                          |                             |   |                          |                          |
| 185...225 V D/320...390 V Y | 200...240 V D/345...415 V Y | H | 1                        |                          |
| 200...240 V D/345...415 V Y | 200...275 V D/380...480 V Y | H | 6                        |                          |
| 345...415 V D               | 380...480 V D               | H | 7                        |                          |
| 500 V D                     | 575VD                       | C | 5                        |                          |

Further voltage range on request; please quote in plain text.

Changes in particular of the quoted performance curve, data and weights may occur without prior notice. The data given do not constitute an obligation from our side to deliver as shown.



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