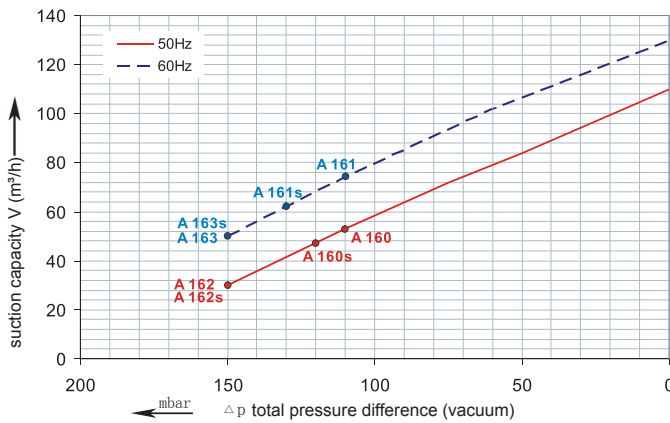


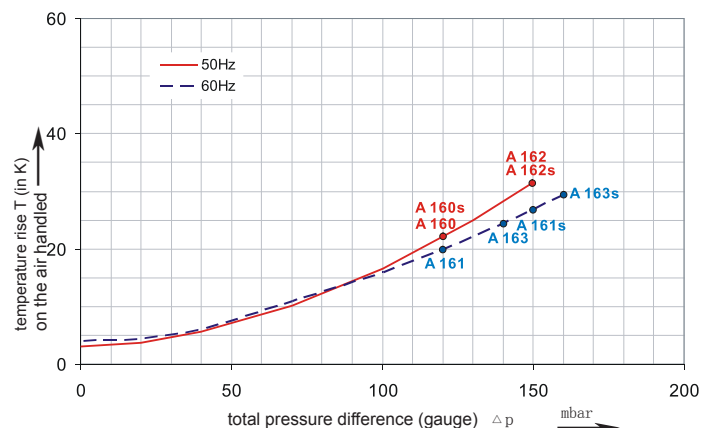
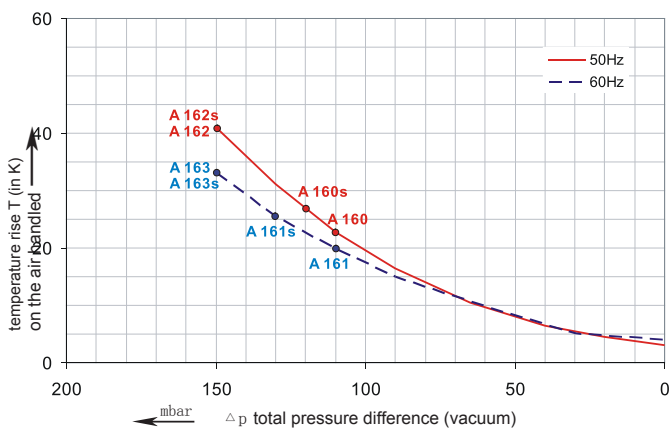
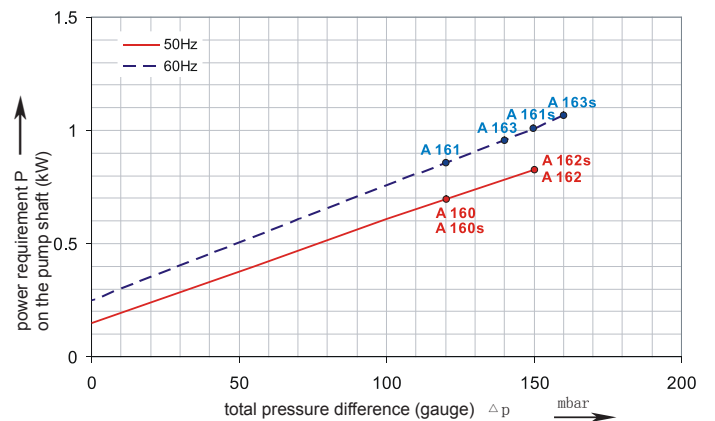
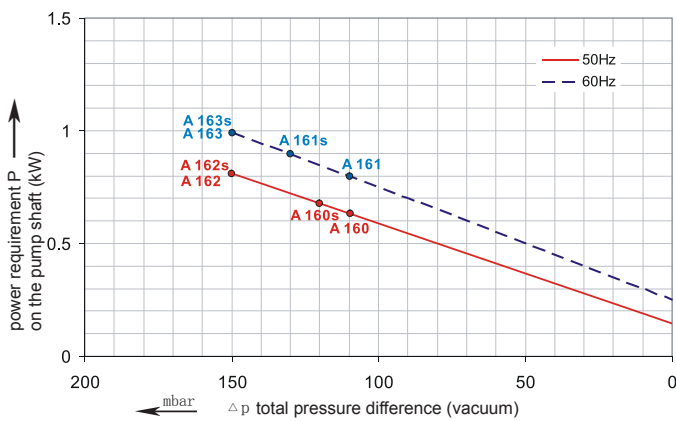
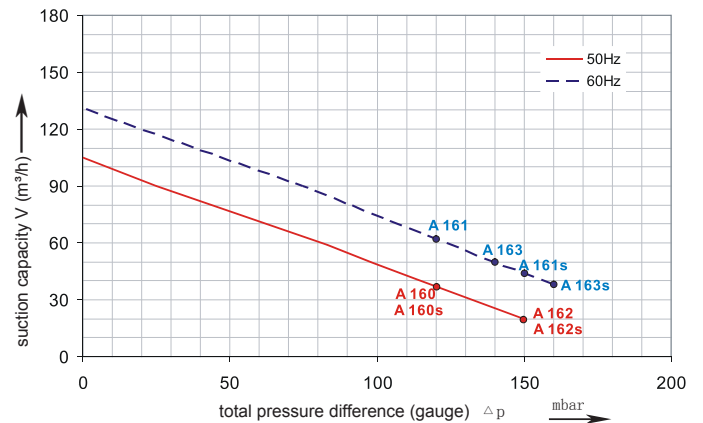
2MV 310



Performance curve for Vacuum pump



Performance curve for Compressor



The performance curves of Manvac blower is tested through below ways: Under one atmospheric pressure, suck 15°C air and then you can calculate the data, of course allow 10% difference, and when the sucked air and surroundings temperature are not higher than 25°C, you still can get total pressure difference as the curves shows.

Selection and ordering data

Type 2MV 310

| Curve No. | Order No. | Fre- quency | Rated power | Input voltage | | Input current | | Permissible total differential pressure ²⁾ | | Sound pressure level ³⁾ | Weight ca. |
|-----------|-----------|----------------|----------------|---------------|----|------------------|---|--|--------------------|--|---------------|
| | | | | Hz | kW | V | A | Vacuum mbar | Compressor mbar | | |

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

| | | | | | | | | | | | |
|-------|------------|----|------|---------------|-------------|------|------|------|-----|----|----|
| A 160 | 2MV310 H06 | 50 | 0.55 | 200D ... 240D | 345Y...415Y | 2.8D | 1.2Y | -110 | 120 | 55 | 11 |
| A 161 | 2MV310 H06 | 60 | 0.63 | 220D ... 275D | 380Y...480Y | 3.0D | 1.0Y | -110 | 120 | 57 | 11 |
| A 162 | 2MV310 H16 | 50 | 0.75 | 200D ... 240D | 345Y...415Y | 3.8D | 1.5Y | -150 | 150 | 55 | 12 |
| A 163 | 2MV310 H16 | 60 | 0.83 | 220D ... 275D | 380Y...480Y | 3.8D | 1.5Y | -150 | 140 | 57 | 12 |

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

| | | | | | | | | | | | |
|--------|------------|----|------|-----|--|-----|--|------|-----|----|----|
| A 160s | 2MV310 A01 | 50 | 0.55 | 230 | | 3.7 | | -120 | 120 | 55 | 13 |
| A 161s | 2MV310 A01 | 60 | 0.62 | 230 | | 4.5 | | -130 | 150 | 57 | 13 |
| A 162s | 2MV310 A11 | 50 | 0.7 | 230 | | 4.8 | | -150 | 150 | 55 | 14 |
| A 163s | 2MV310 A11 | 60 | 0.8 | 230 | | 4.1 | | -150 | 160 | 57 | 14 |

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Other voltage ranges

| 2MV310 | | □.□ |
|---|-----------------------------|-----|
| 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. | | |
| 1~ | | |
| 230 V | 230 V | A 1 |

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