

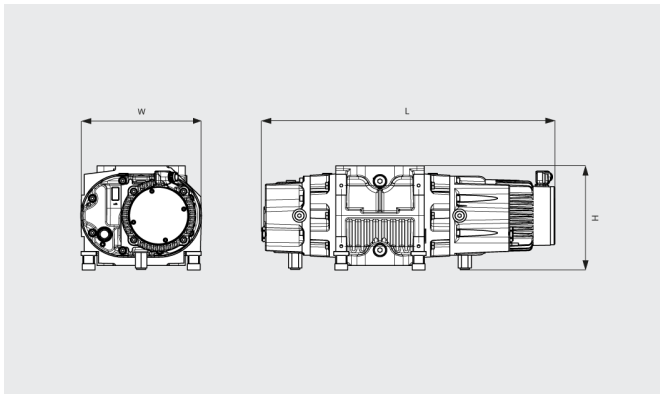
# HiLobe 1002/1302

Vacuum boosters

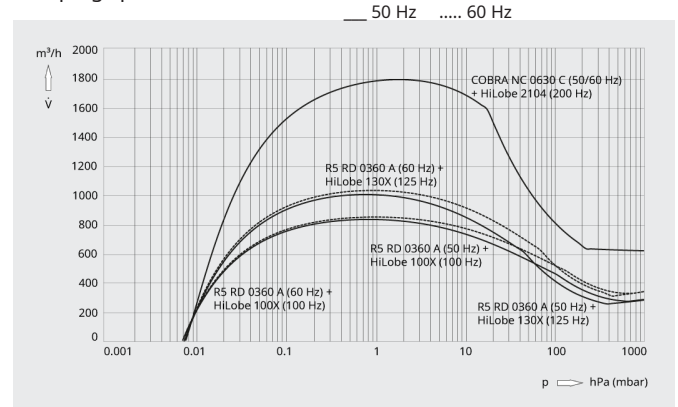
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Dimensional drawing



Pumping speed



|  | HiLobe 1002                 | HiLobe 1302                 |
|--|-----------------------------|-----------------------------|
| Nominal pumping speed                                    | 260-1050 m³/h               | 260-1050 m³/h               |
| Rotational speed   | 1500-1600 rpm               | 1500-7500 rpm               |
| Max. differential pressure at max. rotational speed      | 21 hPa                      | 13 hPa                      |
| Max. differential pressure max. at min. rotational speed | 41 hPa                      | 41 hPa                      |
| Main Flange Size/Type                                    | DN 100 ISO-F   DN 100 PN 16 | DN 100 ISO-F   DN 100 PN 16 |
| Secondary Flange Size/Type                               | DN 100 ISO-F   DN 100 PN 16 | DN 100 ISO-F   DN 100 PN 16 |
| Input Voltages   | 380-480 AC (±10), 50/60 Hz  | 380-480 AC (±10), 50/60 Hz  |
| Motor version  | three-phase                 | three-phase                 |
| Motor protection   | PTC                         | PTC                         |
| Rated power at full rotational speed                     | 2 kW                        | 2,5 kW                      |
| Electronic drive unit                                    | RC 5500                     | RC 5500                     |
| Recommended mains fuse capacity                          | 16 A                        | 16 A                        |
| I/O Interfaces   | PV.can; RS485               | PV.can; RS485               |
| Cooling method   | Convection cooling          | Convection cooling          |
| Ambient temperature                                      | 5-40 °C                     | 5-40 °C                     |
| Shipping temperature                                     | -10-40 °C                   | -10-40 °C                   |

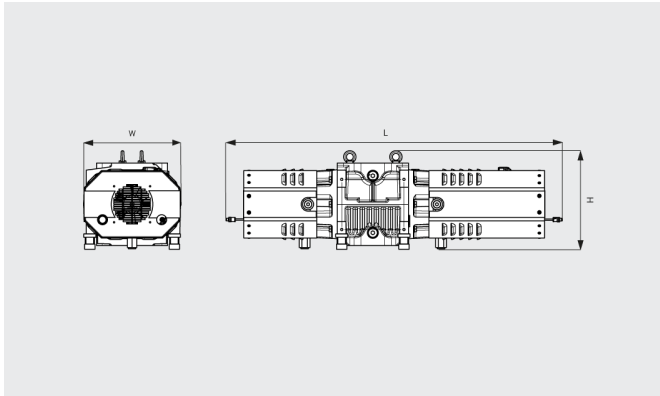
# HiLobe 1004-2104

Vacuum boosters

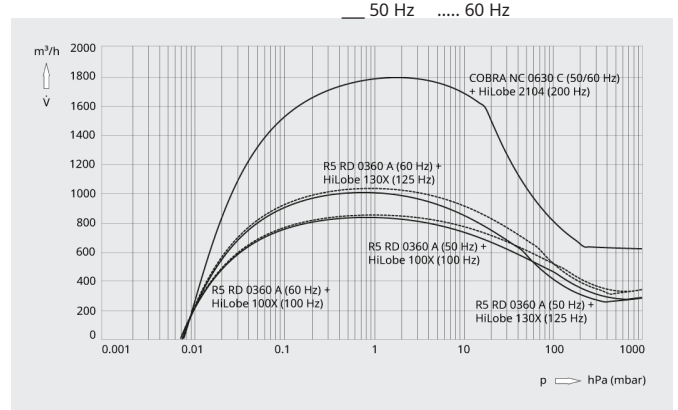
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Dimensional drawing



Pumping speed



|  | HiLobe 1004                 | HiLobe 1304                 | HiLobe 2104                 |
|--|-----------------------------|-----------------------------|-----------------------------|
| Nominal pumping speed                                    | 250-1050 m³/h               | 260-1300 m³/h               | 260-2100 m³/h               |
| Rotational speed   | 1500-6000 rpm               | 1500-7500 rpm               | 1500-12000 rpm              |
| Max. differential pressure at max. rotational speed      | 52 hPa                      | 35 hPa                      | 12 hPa                      |
| Max. differential pressure max. at min. rotational speed | 75 hPa                      | 75 hPa                      | 75 hPa                      |
| Main Flange Size/Type                                    | DN 100 ISO-F   DN 100 PN 16 | DN 100 ISO-F   DN 100 PN 16 | DN 100 ISO-F   DN 100 PN 16 |
| Secondary Flange Size/Type                               | DN 100 ISO-F   DN 100 PN 16 | DN 100 ISO-F   DN 100 PN 16 | DN 100 ISO-F   DN 100 PN 16 |
| Input Voltages   | 380-480 AC (±10), 50/60 Hz  | 380-480 AC (±10), 50/60 Hz  | 380-480 AC (±10), 50/60 Hz  |
| Motor version  | three-phase                 | three-phase                 | three-phase                 |
| Motor protection   | PTC                         | PTC                         | PTC                         |
| Rated power at full rotational speed                     | 2 kW                        | 2,5 kW                      | 3,5 kW                      |
| Electronic drive unit                                    | RC 5500                     | RC 5500                     | RC 5500                     |
| Recommended mains fuse capacity                          | 16 A                        | 16 A                        | 16 A                        |
| I/O Interfaces   | PV.can; RS485               | PV.can; RS485               | PV.can; RS485               |
| Cooling method   | Active air cooling          | Active air cooling          | Active air cooling          |
| Ambient temperature                                      | 5-40 °C                     | 5-40 °C                     | 5-40 °C                     |

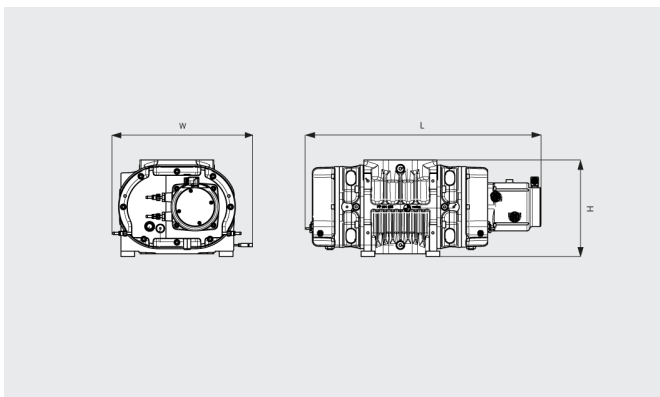
# HiLobe 2703-6203

Vacuum boosters

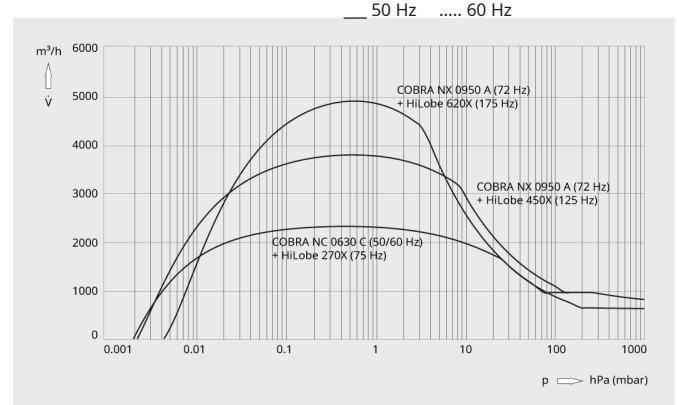
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Dimensional drawing



Pumping speed



|   | HiLobe 2703                 | HiLobe 4503                 | HiLobe 6203                 |
|---|-----------------------------|-----------------------------|-----------------------------|
| <b>Nominal pumping speed</b>                                    | 890-2700 m³/h               | 890-4500 m³/h               | 890-6200 m³/h               |
| <b>Rotational speed</b>   | 1500-4500 rpm               | 1500-7500 rpm               | 1500-10500 rpm              |
| <b>Max. differential pressure at max. rotational speed</b>      | 54 hPa                      | 36 hPa                      | 21 hPa                      |
| <b>Max. differential pressure max. at min. rotational speed</b> | 65 hPa                      | 65 hPa                      | 65 hPa                      |
| <b>Main Flange Size/Type</b>                                    | DN 160 ISO-F   DN 150 PN 16 | DN 160 ISO-F   DN 150 PN 16 | DN 160 ISO-F   DN 150 PN 16 |
| <b>Secondary Flange Size/Type</b>                               | DN 160 ISO-F   DN 150 PN 16 | DN 160 ISO-F   DN 150 PN 16 | DN 160 ISO-F   DN 150 PN 16 |
| <b>Input Voltages</b>   | 380-480 AC (±10), 50/60 Hz  | 380-480 AC (±10), 50/60 Hz  | 380-480 AC (±10), 50/60 Hz  |
| <b>Motor version</b>  | three-phase                 | three-phase                 | three-phase                 |
| <b>Motor protection</b>   | PTC                         | PTC                         | PTC                         |
| <b>Rated power at full rotational speed</b>                     | 3.5 kW                      | 5.5 kW                      | 7.5 kW                      |
| <b>Electronic drive unit</b>                                    | RC 7500                     | RC 7500                     | RC 7500                     |
| <b>Recommended mains fuse capacity</b>                          | 25 A                        | 25 A                        | 25 A                        |
| <b>I/O Interfaces</b>   | PV.can; RS485               | PV.can; RS485               | PV.can; RS485               |
| <b>Cooling method</b>   | Water cooling               | Water cooling               | Water cooling               |
| <b>Ambient temperature</b>                                      | 5-40 °C                     | 5-40 °C                     | 5-40 °C                     |

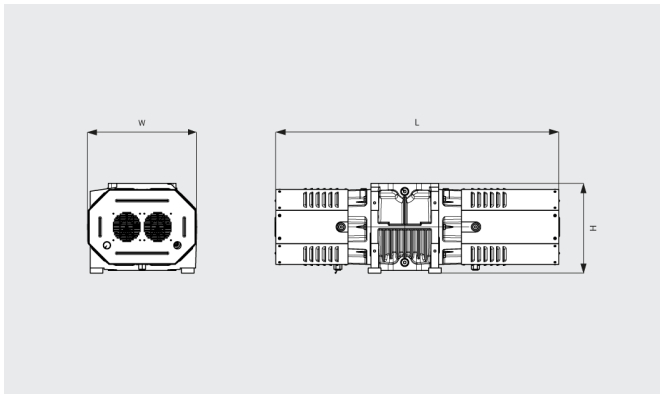
# HiLobe 2704-6204

Vacuum boosters

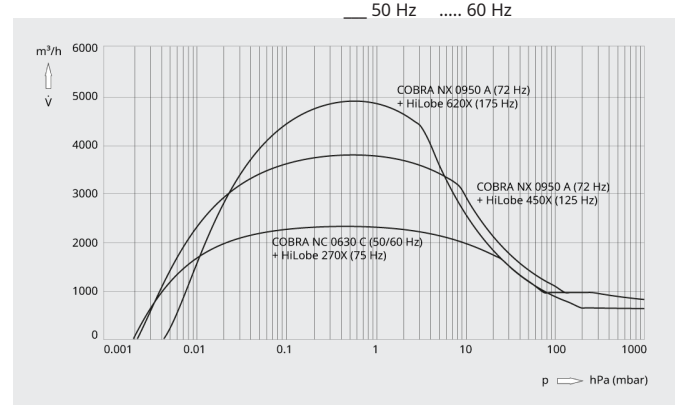
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Dimensional drawing



Pumping speed



|   | HiLobe 2704                 | HiLobe 4504                 | HiLobe 6204                 |
|---|-----------------------------|-----------------------------|-----------------------------|
| <b>Nominal pumping speed</b>                                    | 890-2700 m³/h               | 890-4440 m³/h               | 890-6220 m³/h               |
| <b>Rotational speed</b>   | 1500-4500 rpm               | 1500-7500 rpm               | 1500-10500 rpm              |
| <b>Max. differential pressure at max. rotational speed</b>      | 35 hPa                      | 17 hPa                      | 10 hPa                      |
| <b>Max. differential pressure max. at min. rotational speed</b> | 50 hPa                      | 50 hPa                      | 50 hPa                      |
| <b>Main Flange Size/Type</b>                                    | DN 160 ISO-F   DN 150 PN 16 | DN 160 ISO-F   DN 150 PN 16 | DN 160 ISO-F   DN 150 PN 16 |
| <b>Secondary Flange Size/Type</b>                               | DN 160 ISO-F   DN 150 PN 16 | DN 160 ISO-F   DN 150 PN 16 | DN 160 ISO-F   DN 150 PN 16 |
| <b>Input Voltages</b>   | 380-480 AC (±10), 50/60 Hz  | 380-480 AC (±10), 50/60 Hz  | 380-480 AC (±10), 50/60 Hz  |
| <b>Motor version</b>  | three-phase                 | three-phase                 | three-phase                 |
| <b>Motor protection</b>   | PTC                         | PTC                         | PTC                         |
| <b>Rated power at full rotational speed</b>                     | 3,5 kW                      | 5,5 kW                      | 7,5 kW                      |
| <b>Electronic drive unit</b>                                    | RC 7500                     | RC 7500                     | RC 7500                     |
| <b>Recommended mains fuse capacity</b>                          | 25 A                        | 25 A                        | 25 A                        |
| <b>I/O Interfaces</b>   | PV.can; RS485               | PV.can; RS485               | PV.can; RS485               |
| <b>Cooling method</b>   | Active air cooling          | Active air cooling          | Active air cooling          |
| <b>Ambient temperature</b>                                      | 5-40 °C                     | 5-40 °C                     | 5-40 °C                     |

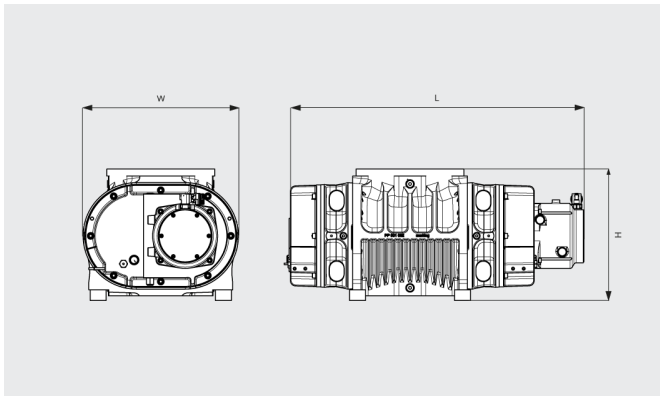
# HiLobe 8103-14003

Vacuum boosters

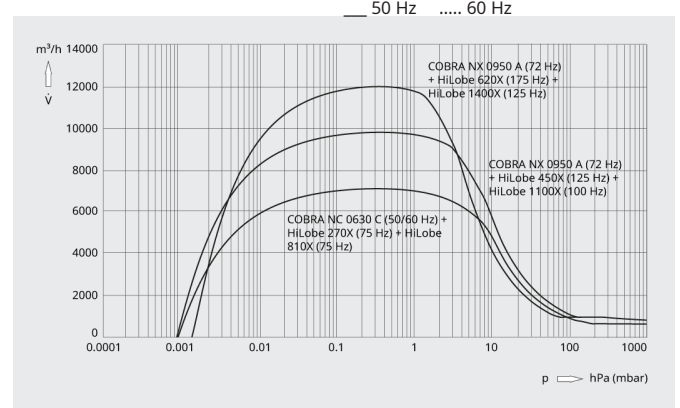


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Dimensional drawing



Pumping speed



|  | HiLobe 8103                 | HiLobe 11003                | HiLobe 14003                |
|--|-----------------------------|-----------------------------|-----------------------------|
| Nominal pumping speed                                    | 2700-8120 m³/h              | 2700-10830 m³/h             | 2700-13540 m³/h             |
| Rotational speed   | 1500-4500 rpm               | 1500-6000 rpm               | 1500-7500 rpm               |
| Max. differential pressure at max. rotational speed      | 25 hPa                      | 20 hPa                      | 10 hPa                      |
| Max. differential pressure max. at min. rotational speed | 30 hPa                      | 30 hPa                      | 30 hPa                      |
| Main Flange Size/Type                                    | DN 250 ISO-F   DN 250 PN 16 | DN 250 ISO-F   DN 250 PN 16 | DN 250 ISO-F   DN 250 PN 16 |
| Secondary Flange Size/Type                               | DN 250 ISO-F   DN 250 PN 16 | DN 250 ISO-F   DN 250 PN 16 | DN 250 ISO-F   DN 250 PN 16 |
| Input Voltages   | 380-480 AC (±10), 50/60 Hz  | 380-480 AC (±10), 50/60 Hz  | 380-480 AC (±10), 50/60 Hz  |
| Motor version  | three-phase                 | three-phase                 | three-phase                 |
| Motor protection   | PTC                         | PTC                         | PTC                         |
| Rated power at full rotational speed                     | 9 kW                        | 12 kW                       | 15 kW                       |
| Electronic drive unit                                    | RC 15000                    | RC 15000                    | RC 15000                    |
| Recommended mains fuse capacity                          | 50 A                        | 50 A                        | 50 A                        |
| I/O Interfaces   | PV.can; RS485               | PV.can; RS485               | PV.can; RS485               |
| Cooling method   | Water cooling               | Water cooling               | Water cooling               |
| Ambient temperature                                      | 5-40 °C                     | 5-40 °C                     | 5-40 °C                     |

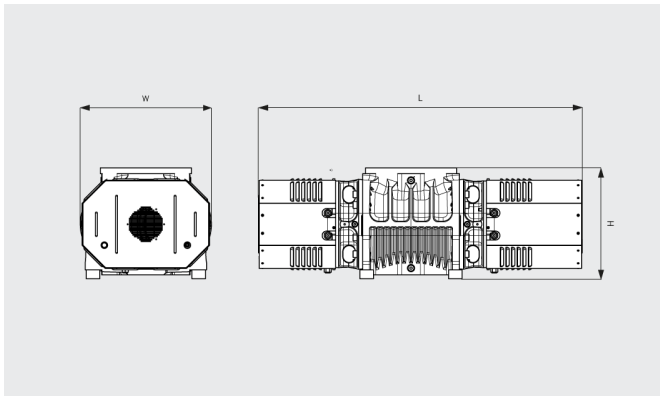
# HiLobe 8104-14004

Vacuum boosters

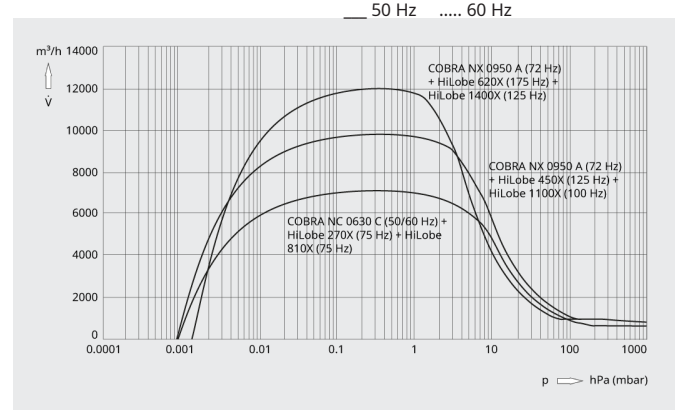
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Dimensional drawing



Pumping speed



|  | HiLobe 8104                 | HiLobe 11004                | HiLobe 14004                |
|--|-----------------------------|-----------------------------|-----------------------------|
| Nominal pumping speed                                    | 2700-8120 m³/h              | 2700-10830 m³/h             | 2700-13540 m³/h             |
| Rotational speed   | 1500-4500 rpm               | 1500-6000 rpm               | 1500-7500 rpm               |
| Max. differential pressure at max. rotational speed      | 25 hPa                      | 20 hPa                      | 10 hPa                      |
| Max. differential pressure max. at min. rotational speed | 30 hPa                      | 30 hPa                      | 30 hPa                      |
| Main Flange Size/Type                                    | DN 250 ISO-F   DN 250 PN 16 | DN 250 ISO-F   DN 250 PN 16 | DN 250 ISO-F   DN 250 PN 16 |
| Secondary Flange Size/Type                               | DN 250 ISO-F   DN 250 PN 16 | DN 250 ISO-F   DN 250 PN 16 | DN 250 ISO-F   DN 250 PN 16 |
| Input Voltages   | 380-480 AC (±10), 50/60 Hz  | 380-480 AC (±10), 50/60 Hz  | 380-480 AC (±10), 50/60 Hz  |
| Motor version  | three-phase                 | three-phase                 | three-phase                 |
| Motor protection   | PTC                         | PTC                         | PTC                         |
| Rated power at full rotational speed                     | 9 kW                        | 12 kW                       | 15 kW                       |
| Electronic drive unit                                    | RC 15000                    | RC 15000                    | RC 15000                    |
| Recommended mains fuse capacity                          | 50 A                        | 50 A                        | 50 A                        |
| I/O Interfaces   | PV.can; RS485               | PV.can; RS485               | PV.can; RS485               |
| Cooling method   | Active air cooling          | Active air cooling          | Active air cooling          |
| Ambient temperature                                      | 5-40 °C                     | 5-40 °C                     | 5-40 °C                     |