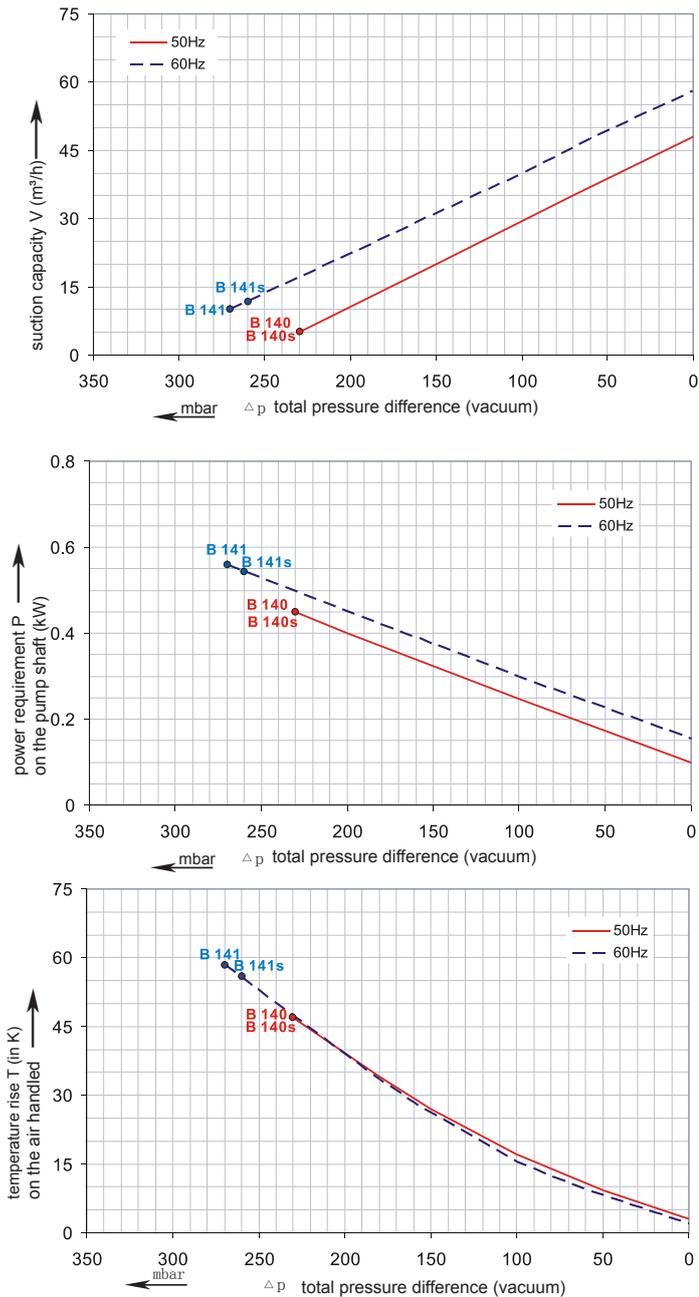


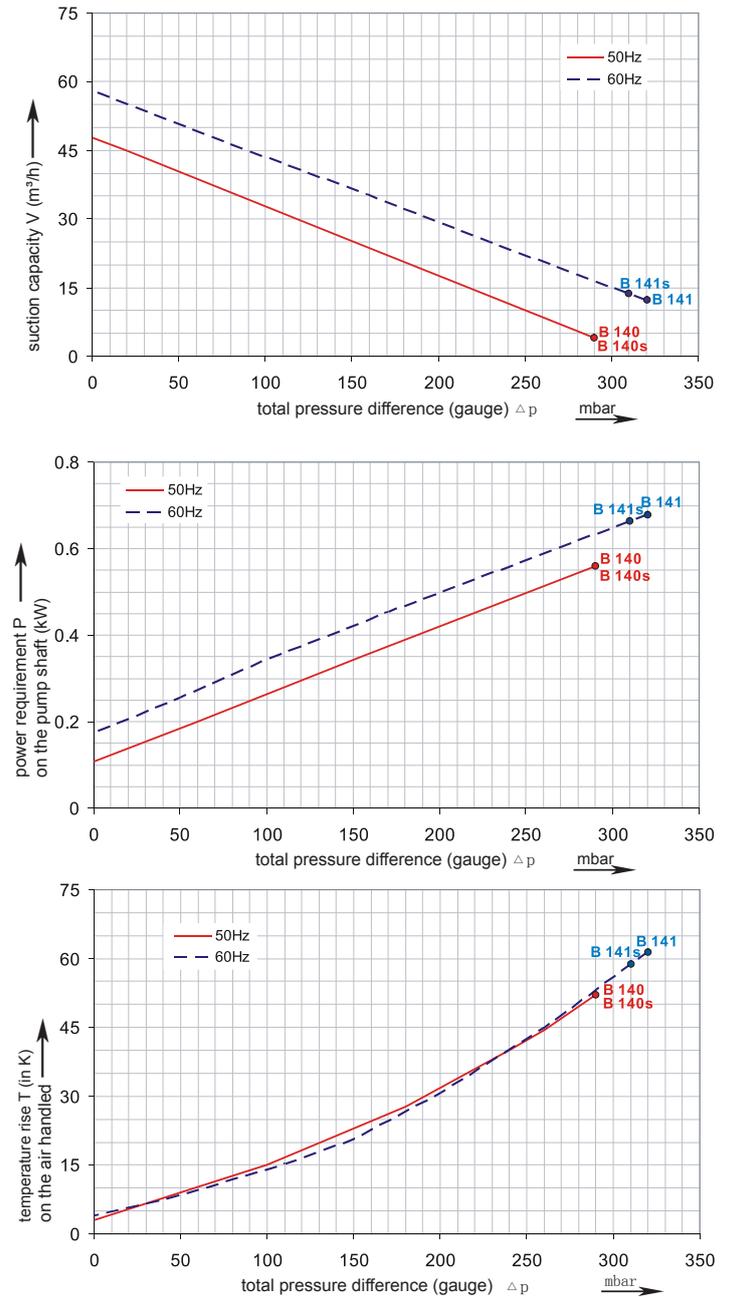
G-4RB

Performance curve for Vacuum pump



4RB 210

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 G-4RB 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 as well as approved for UL and CSA.

Selection and ordering data

Type 4RB210

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 isolation material class F 1)

B 140	4RB210-0AH16-7	50	0.55	200D ... 240D	345Y...415Y	2.8D	1.6Y	-230	290	57	16
B 141	4RB210-0AH16-7	60	0.63	220D ... 275D	380Y...480Y	3.0D	1.7Y	-270	320	62	16

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

B 140s	4RB 210-0AV75-7	50	0.55	115	230	13.0	3.1	-230	290	57	18
B 141s	4RB 210-0AV75-7	60	0.63	115	230	14.2	7.1	-260	310	62	18



Other voltage ranges

<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
Machines according to the ATEX norm 94/4 EG are available for the whole performance range.		
Following types available: Category 3 G, 3/2 G, 3 D and 3/2 D.		
1~		
100 / 200 V	100 / 200 V	V 4
115 / 230 V	115 / 230 V	V 5
230V	---	A 1

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

All G-4RB achieve the standards and norms of the low voltage directive (LVD)2006/95/EC, rotating electrotechnical motor EN 60034-1-2004, electromagnetic compatibility(EMC)EN55014-1/2,EN61000-2/-3/-4/-6.

- 1) For standard UL for ELECTRIC MOTOR UL 1004-1.
- 2) Relief-valve are available for limiting differential pressure.
- 3) Measuring-surface sound-pressure level acc. to DIN EN 21680, measured at a distance of 1 m. The pump is throttled to an average suction pressure, a hose is connected to the discharge side (compressor) / suction side (vacuum pump), but is not fitted with relief valves.

The motors are designed according to the DIN EN 60 034 / DIN IEC 34-1 and temperature class F.

For the three phase machines the tolerances are +/- 10 % for fixed voltage and +/- 5 % for voltage range.

The single phase machines are designed with a +/- 5 % tolerances. If only 90 % of the maximum allowed pressure will be used for the continuous operating then the allowed voltage range add to +/- 10 %.

For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

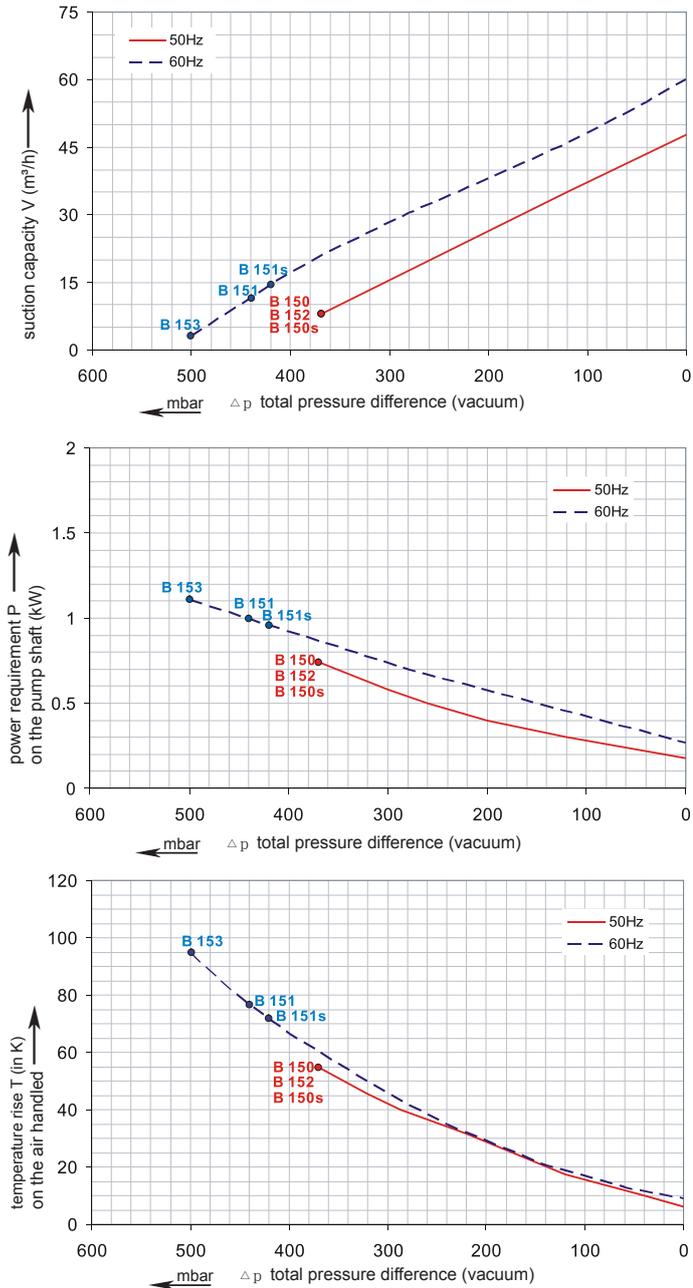
Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

DYNAPUMPS

DYNAPUMPS Sydney-Melbourne-Brisbane-Perth
Phone: 1300 788 579
E-mail:sales@dynamumps.com.au

G-4RB

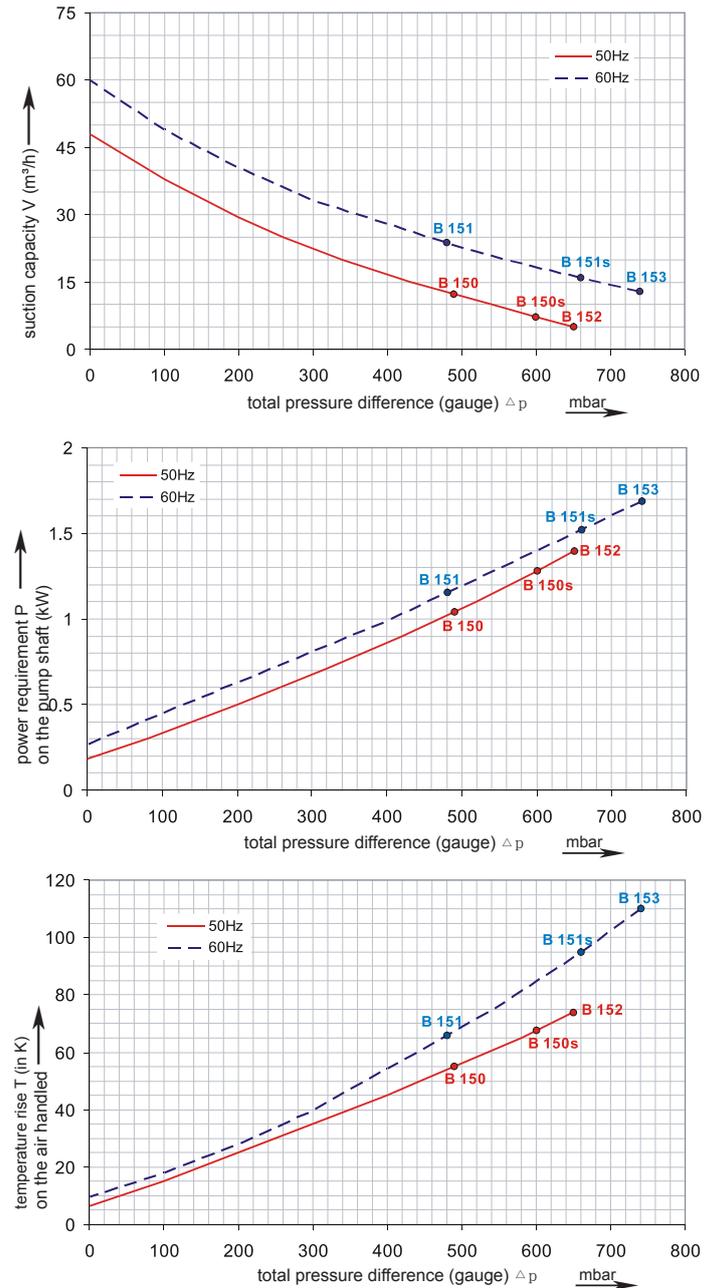
Performance curve for Vacuum pump



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.

4RB 220

Performance curve for Compressor



Each G-4RB 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 as well as approved for UL and CSA.

Selection and ordering data

Type 4RB220

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)

B 150	4RB220-0AH26-7	50	0.81	200D ... 240D	345Y...415Y	4.0D	2.3Y	-370	490	58	24
B 151	4RB220-0AH26-7	60	0.94	220D ... 275D	380Y...480Y	4.0D	2.3Y	-440	480	62	24
B 152	4RB220-0AH56-7	50	1.5	200D ... 240D	345Y...415Y	7.5D	4.3Y	-370	650	58	28
B 153	4RB220-0AH56-7	60	1.75	220D ... 275D	380Y...480Y	7.6D	4.4Y	-500	740	62	28

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

B 150s	4RB 220-0AV75-7	50	1.5	115	230	19.4	9.7	-370	600	58	30
B 151s	4RB 220-0AV75-7	60	1.75	115	230	20.6	10.3	-420	660	62	30



Other voltage ranges

		<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

Machines according to the ATEX norm 94/4 EG are available for the whole performance range.

Following types available: Category 3 G, 3/2 G, 3 D and 3/2 D.

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

All G-4RB achieve the standards and norms of the low voltage directive (LVD)2006/95/EC, rotating electrotechnical motor EN 60034-1-2004, electromagnetic compatibility(EMC)EN55014-1/2,EN61000-2/-3/-4/-6.

- 1) For standard UL for ELECTRIC MOTOR UL 1004-1.
- 2) Relief-valve are available for limiting differential pressure.
- 3) Measuring-surface sound-pressure level acc. to DIN EN 21680, measured at a distance of 1 m. The pump is throttled to an average suction pressure, a hose is connected to the discharge side (compressor) / suction side (vacuum pump), but is not fitted with relief valves.

The motors are designed according to the DIN EN 60 034 / DIN IEC 34-1 and temperature class F.

For the three phase machines the tolerances are +/- 10 % for fixed voltage and +/- 5 % for voltage range.

The single phase machines are designed with a +/- 5 % tolerances. If only 90 % of the maximum allowed pressure will be used for the continuous operating then the allowed voltage range add to +/- 10 %.

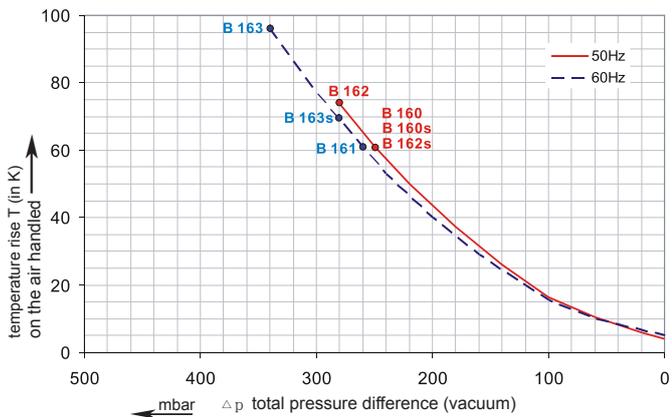
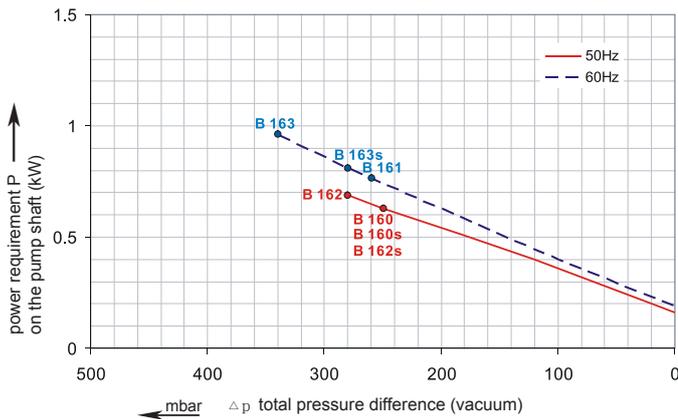
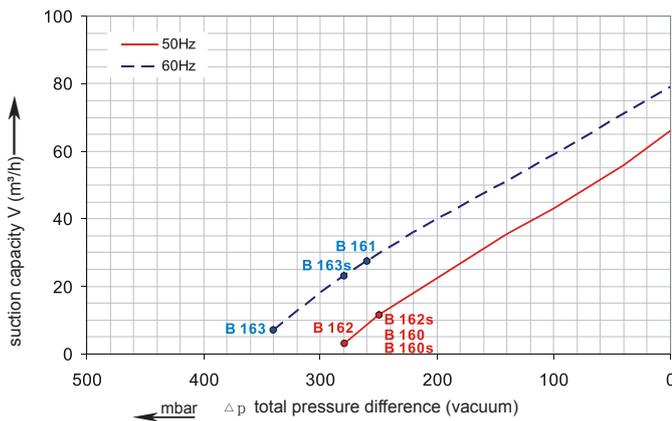
For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

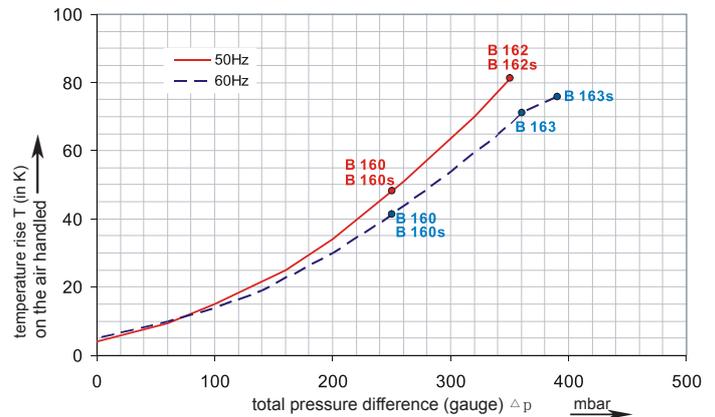
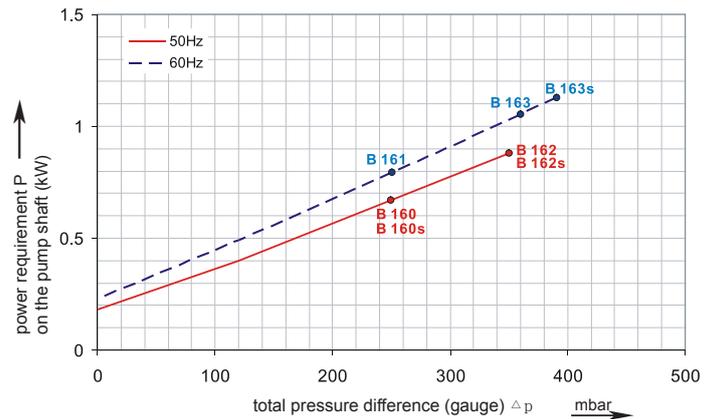
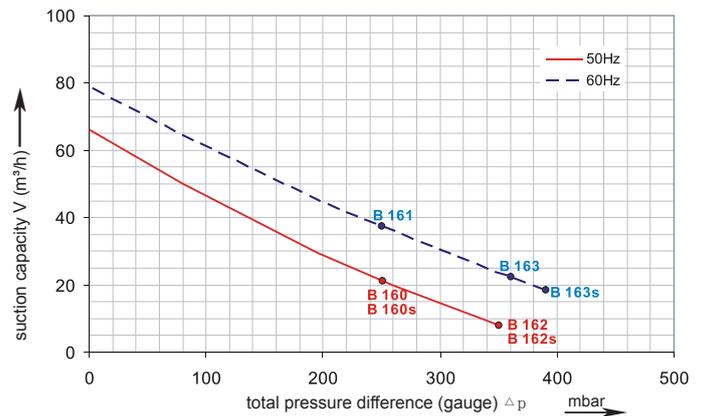
G-4RB

Performance curve for Vacuum pump



4RB 310

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 G-4RB 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 as well as approved for UL and CSA.

Selection and ordering data

Type 4RB310

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	dB(A)		

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

B 160	4RB310-0AH16-7	50	0.55	200D ... 240D	345Y...415Y	2.8D	1.6Y	-250	250	57	16
B 161	4RB310-0AH16-7	60	0.63	220D ... 275D	380Y...480Y	3.0D	1.7Y	-260	250	62	16
B 162	4RB310-0AH26-7	50	0.81	200D ... 240D	345Y...415Y	4.0D	2.3Y	-280	350	57	17
B 163	4RB310-0AH26-7	60	0.94	220D ... 275D	380Y...480Y	4.0D	2.3Y	-340	360	62	17

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

B 162s	4RB 310-0AV74-7	50	0.94	100	200	18.1	9.1	-250	350	57	18
B 163s	4RB 310-0AV74-7	60	1.1	100	200	24.8	12.4	-280	390	62	18
B 162s	4RB 310-0AV75-7	50	0.94	115	230	15.2	7.6	-250	350	57	18
B 163s	4RB 310-0AV75-7	60	1.1	115	230	18.0	9.0	-280	390	62	18

1~ 50 Hz IP55 with attached condenser for continuous operation

B 160s	4RB 310-0AV75-7	50	0.94	230		9.0		-250	250	57	18
--------	-----------------	----	------	-----	--	-----	--	------	-----	----	----



Other voltage ranges

<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
Machines according to the ATEX norm 94/4 EG are available for the whole performance range.		
Following types available: Category 3 G, 3/2 G, 3 D and 3/2 D.		
1~		
100 / 200 V	100 / 200 V	V 4
115 / 230 V	115 / 230 V	V 5
230V	---	A 1

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

All G-4RB achieve the standards and norms of the low voltage directive (LVD)2006/95/EC, rotating electrotechnical motor EN 60034-1-2004, electromagnetic compatibility(EMC)EN55014-1/2,EN61000-2/-3/-4/-6.

- 1) For standard UL for ELECTRIC MOTOR UL 1004-1.
- 2) Relief-valve are available for limiting differential pressure.
- 3) Measuring-surface sound-pressure level acc. to DIN EN 21680, measured at a distance of 1 m. The pump is throttled to an average suction pressure, a hose is connected to the discharge side (compressor) / suction side (vacuum pump), but is not fitted with relief valves.

The motors are designed according to the DIN EN 60 034 / DIN IEC 34-1 and temperature class F.

For the three phase machines the tolerances are +/- 10 % for fixed voltage and +/- 5 % for voltage range.

The single phase machines are designed with a +/- 5 % tolerances. If only 90 % of the maxium allowed pressure will be used for the continuousoperating then the allowed voltage range add to +/- 10 %.

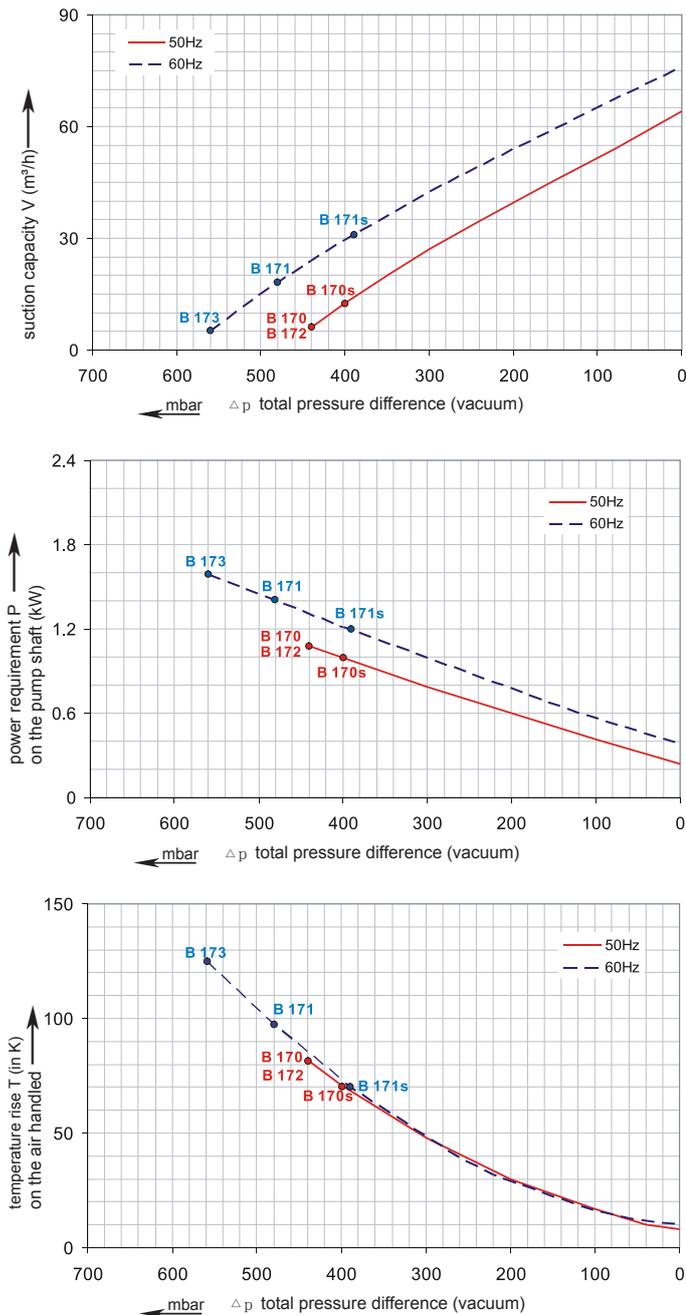
For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

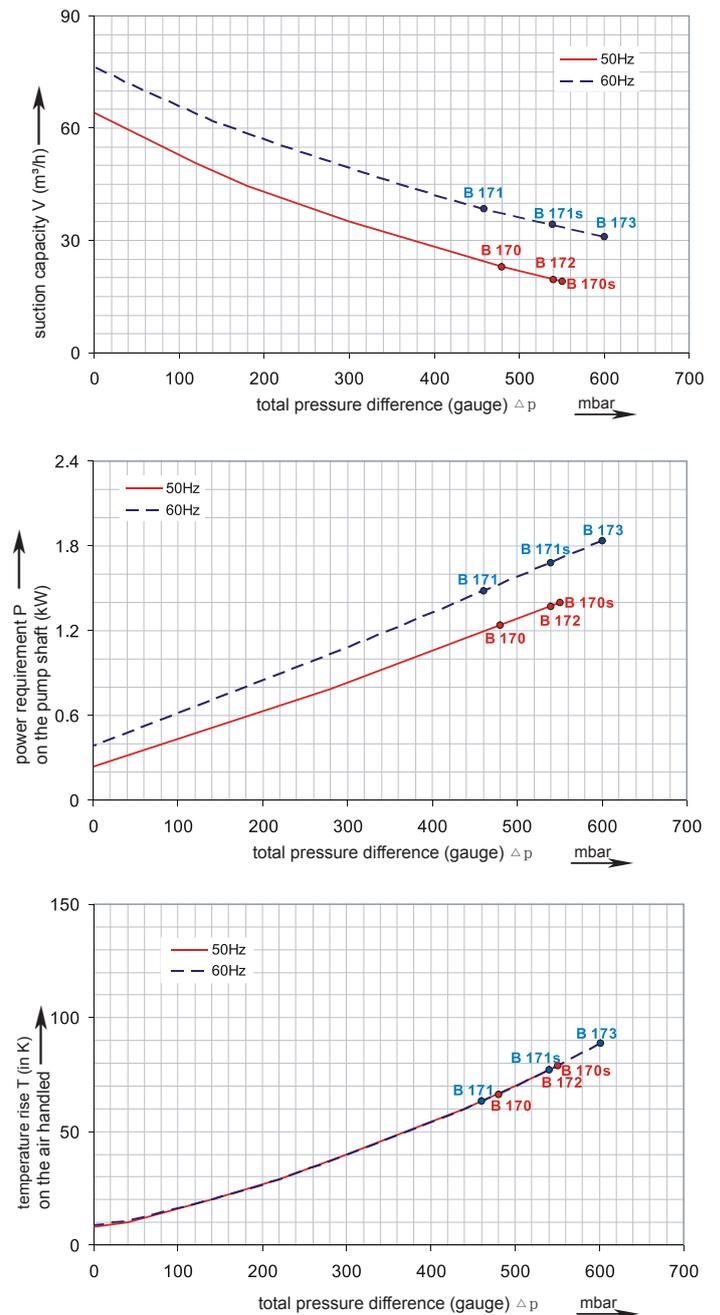
G-4RB

Performance curve for Vacuum pump



4RB 320

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 G-4RB 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 as well as approved for UL and CSA.

Selection and ordering data

Type 4RB320

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 isolation material class F 1)

B 170	4RB320-0AH46-7	50	1.1	200D ... 240D	345Y...415Y	5.4D	3.1Y	-440	480	59	29
B 171	4RB320-0AH46-7	60	1.3	220D ... 275D	380Y...480Y	5.4D	3.1Y	-480	460	63	29
B 172	4RB320-0AH56-7	50	1.5	200D ... 240D	345Y...415Y	7.5D	4.3Y	-440	540	59	30
B 173	4RB320-0AH56-7	60	1.75	220D ... 275D	380Y...480Y	7.5D	4.3Y	-560	600	63	30

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

B 170s	4RB 320-0AV74-7	50	1.5	100	200	22.3	11.2	-400	550	59	32
B 171s	4RB 320-0AV74-7	60	1.75	100	200	23.7	11.85	-390	540	63	32
B 170s	4RB 320-0AV75-7	50	1.5	115	230	19.4	9.7	-400	550	59	32
B 171s	4RB 320-0AV75-7	60	1.75	115	230	20.6	10.3	-390	540	63	32



Other voltage ranges

		<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	

Machines according to the ATEX norm 94/4 EG are available for the whole performance range.

Following types available: Category 3 G, 3/2 G, 3 D and 3/2 D.

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

All G-4RB achieve the standards and norms of the low voltage directive (LVD)2006/95/EC, rotating electrotechnical motor EN 60034-1-2004, electromagnetic compatibility(EMC)EN55014-1/2,EN61000-2/-3/-4/-6.

- 1) For standard UL for ELECTRIC MOTOR UL 1004-1.
- 2) Relief-valve are available for limiting differential pressure.
- 3) Measuring-surface sound-pressure level acc. to DIN EN 21680, measured at a distance of 1 m. The pump is throttled to an average suction pressure, a hose is connected to the discharge side (compressor) / suction side (vacuum pump), but is not fitted with relief valves.

The motors are designed according to the DIN EN 60 034 / DIN IEC 34-1 and temperature class F.

For the three phase machines the tolerances are +/- 10 % for fixed voltage and +/- 5 % for voltage range.

The single phase machines are designed with a +/- 5 % tolerances. If only 90 % of the maximum allowed pressure will be used for the continuous operating then the allowed voltage range add to +/- 10 %.

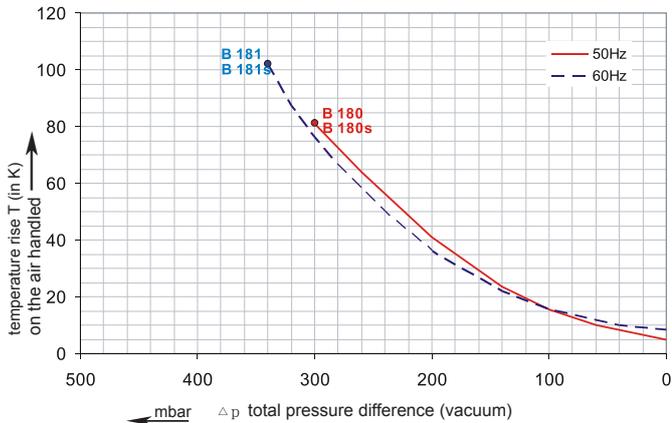
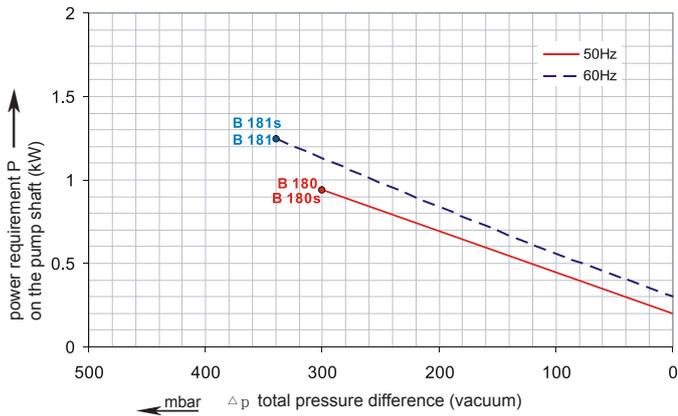
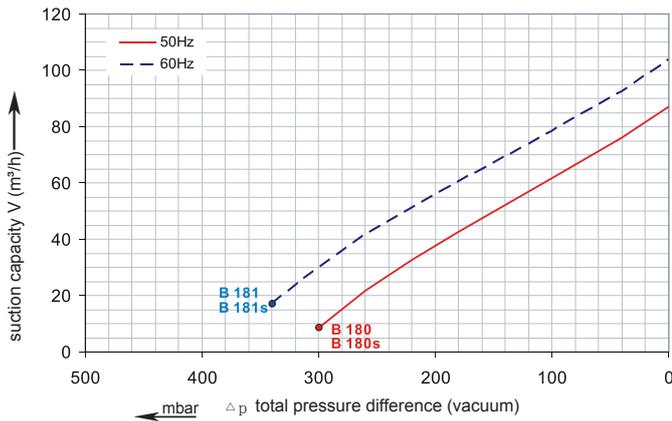
For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

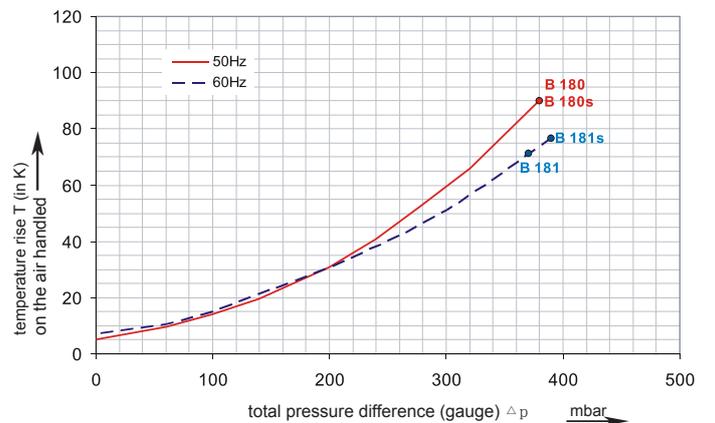
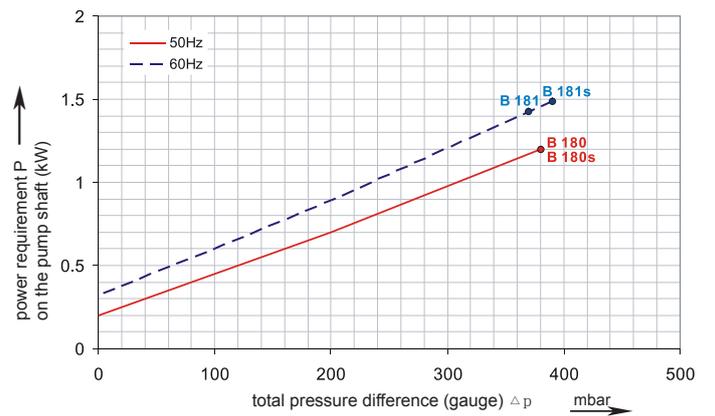
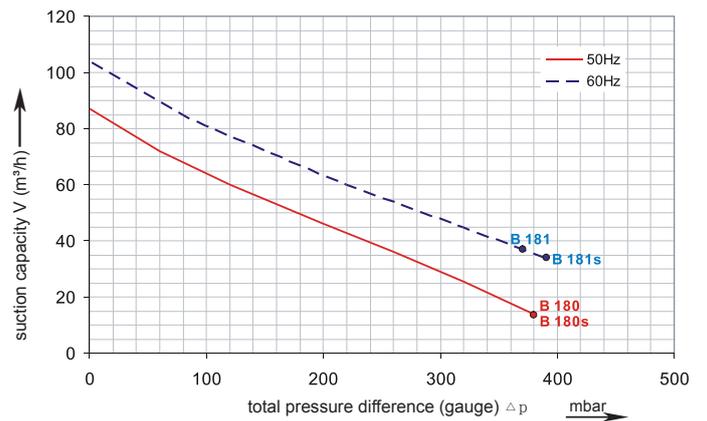
G-4RB

Performance curve for Vacuum pump



4RB 410

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 G-4RB 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 as well as approved for UL and CSA.

Selection and ordering data

Type 4RB410

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 isolation material class F 1)

B 180	4RB410-0AH16-7	50	1.1	200D ... 240D	345Y...415Y	5.4D	3.1Y	-300	380	58	23
B 181	4RB410-0AH16-7	60	1.3	220D ... 275D	380Y...480Y	5.4D	3.1Y	-340	370	62	23

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

B 180s	4RB410-0AA41-7	50	1.1	230			10.0	-300	380	58	23
--------	----------------	----	-----	-----	--	--	------	------	-----	----	----

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

B 181s	4RB410-0AB46-7	60	1.3	115			20.0	-340	390	62	23
--------	----------------	----	-----	-----	--	--	------	------	-----	----	----



Other voltage ranges

<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
Machines according to the ATEX norm 94/4 EG are available for the whole performance range.		
Following types available: Category 3 G, 3/2 G, 3 D and 3/2 D.		
1~		
230V	---	A 1
---	115 V	B 6

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

All G-4RB achieve the standards and norms of the low voltage directive (LVD)2006/95/EC, rotating electrotechnical motor EN 60034-1-2004, electromagnetic compatibility(EMC)EN55014-1/2,EN61000-2/-3/-4/-6.

- 1) For standard UL for ELECTRIC MOTOR UL 1004-1.
- 2) Relief-valve are available for limiting differential pressure.
- 3) Measuring-surface sound-pressure level acc. to DIN EN 21680, measured at a distance of 1 m. The pump is throttled to an average suction pressure, a hose is connected to the discharge side (compressor) / suction side (vacuum pump), but is not fitted with relief valves.

The motors are designed according to the DIN EN 60 034 / DIN IEC 34-1 and temperature class F.

For the three phase machines the tolerances are +/- 10 % for fixed voltage and +/- 5 % for voltage range.

The single phase machines are designed with a +/- 5 % tolerances. If only 90 % of the maximum allowed pressure will be used for the continuous operating then the allowed voltage range add to +/- 10 %.

For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

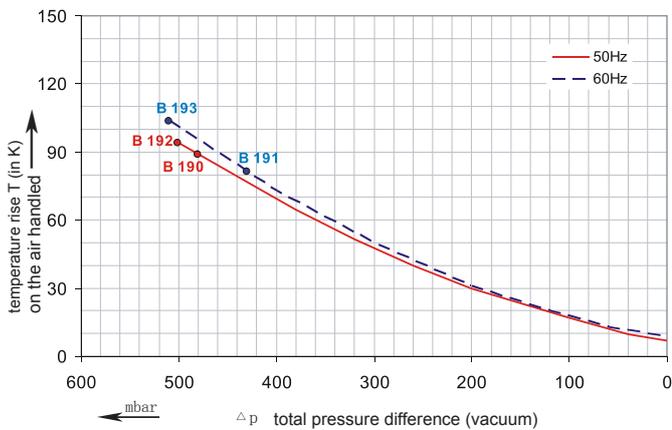
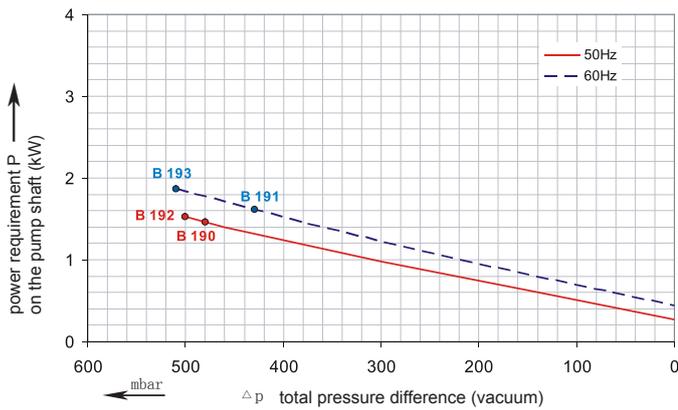
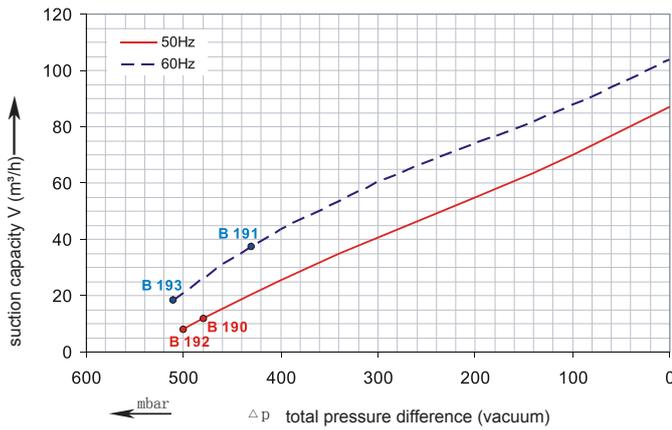
Changes in particular the quoted performance curve, data and weights without prior notice. The figures are without obligations.

DYNAPUMPS

DYNAPUMPS Sydney-Melbourne-Brisbane-Perth
Phone: 1300 788 579
E-mail:sales@dynamumps.com.au

G-4RB

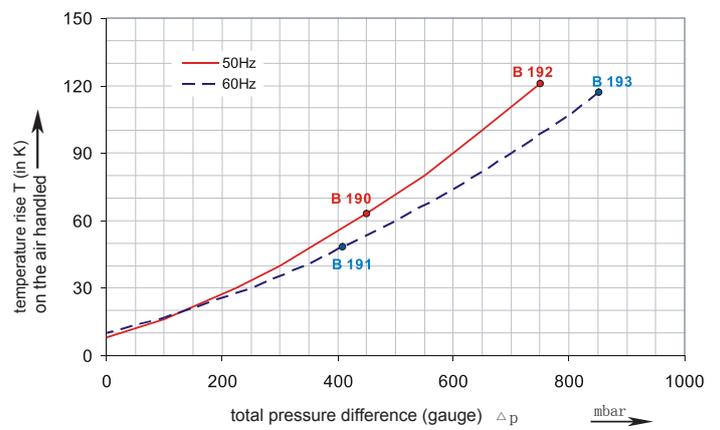
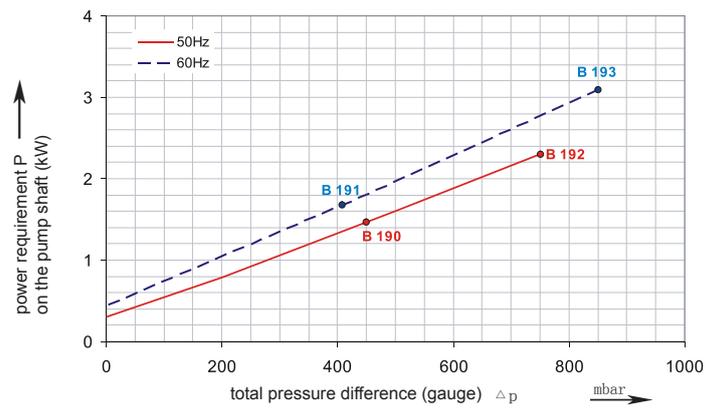
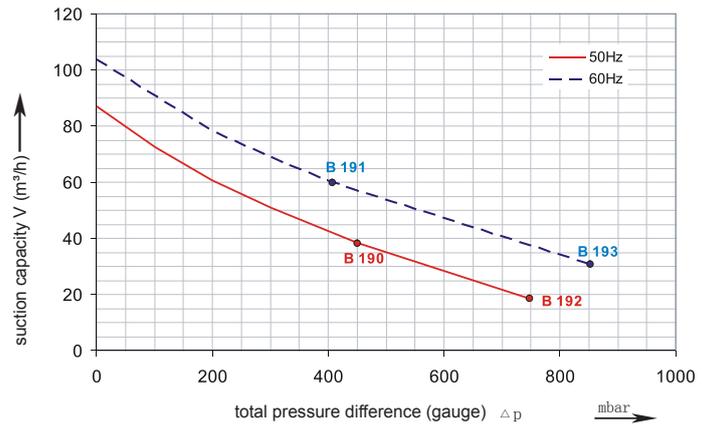
Performance curve for Vacuum pump



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.

4RB 420

Performance curve for Compressor



Each G-4RB 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 as well as approved for UL and CSA.

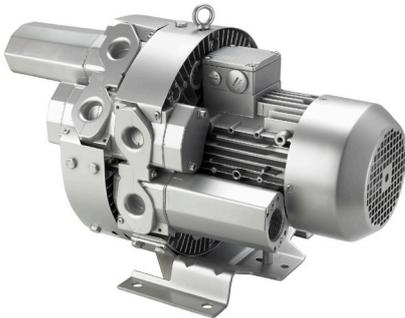
Selection and ordering data

Type 4RB420

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 isulation material class F 1)

B 190	4RB420-0AH26-7	50	1.5	200D ... 240D	345Y...415Y	7.5D	4.3Y	-480	450	61	33
B 191	4RB420-0AH26-7	60	1.75	220D ... 275D	380Y...480Y	7.6D	4.4Y	-430	410	66	33
B 192	4RB420-0AH56-7	50	3.3	200D ... 240D	345Y...415Y	13.0D	7.5Y	-500	750	61	39
B 193	4RB420-0AH56-7	60	3.8	220D ... 275D	380Y...480Y	13.8D	8.0Y	-510	850	66	39



Other voltage ranges

		□ □
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

Machines according to the ATEX norm 94/4 EG are available for the whole performance range.

Following types available: Category 3 G, 3/2 G, 3 D and 3/2 D.

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

All G-4RB achieve the standards and norms of the low voltage directive (LVD)2006/95/EC, rotating electrotechnical motor EN 60034-1-2004, electromagnetic compatibility(EMC)EN55014-1/2,EN61000-2/-3/-4/-6.

- 1) For standard UL for ELECTRIC MOTOR UL 1004-1.
- 2) Relief-valve are available for limiting differential pressure.
- 3) Measuring-surface sound-pressure level acc. to DIN EN 21680, measured at a distance of 1 m. The pump is throttled to an average suction pressure, a hose is connected to the discharge side (compressor) / suction side (vacuum pump), but is not fitted with relief valves.

The motors are designed according to the DIN EN 60 034 / DIN IEC 34-1 and temperature class F.

For the three phase machines the tolerances are +/- 10 % for fixed voltage and +/- 5 % for voltage range.

The single phase machines are designed with a +/- 5 % tolerances. If only 90 % of the maxium allowed pressure will be used for the continuousoperating then the allowed voltage range add to +/- 10 %.

For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

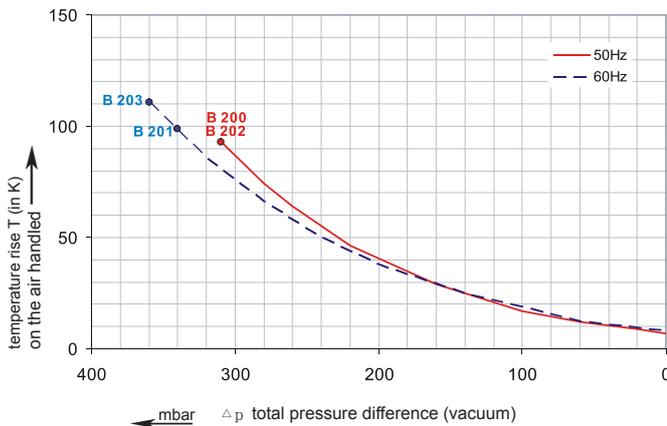
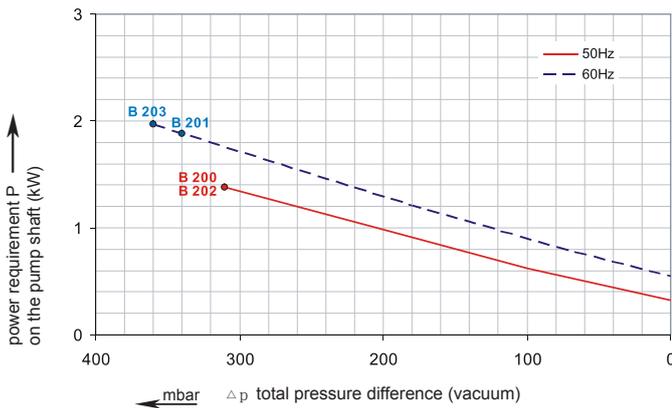
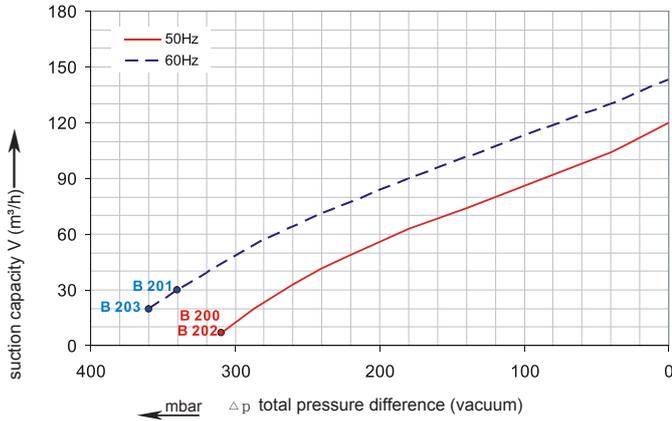
Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

DYNAPUMPS

DYNAPUMPS Sydney-Melbourne-Brisbane-Perth
Phone: 1300 788 579
E-mail:sales@dynamumps.com.au

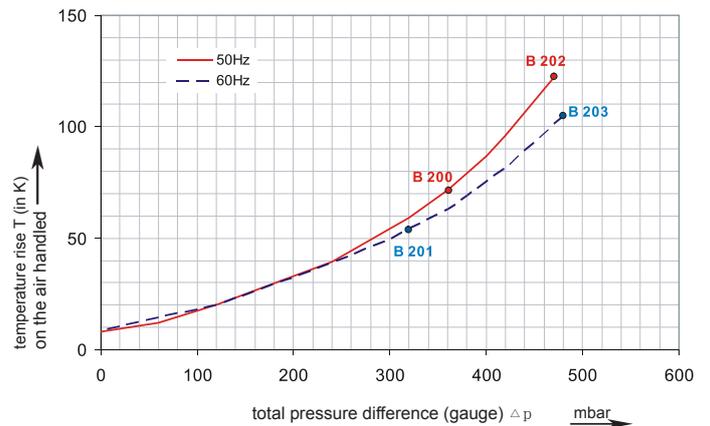
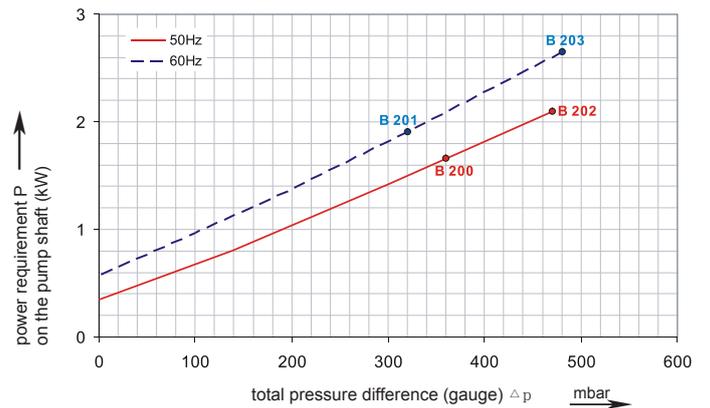
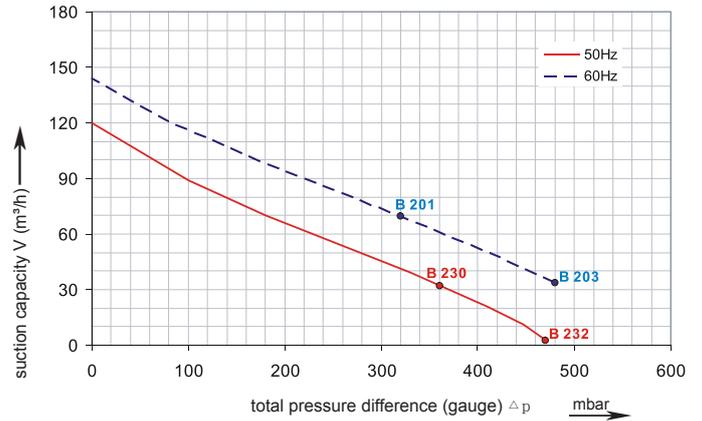
G-4RB

Performance curve for Vacuum pump



4RB 510

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 G-4RB 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 as well as approved for UL and CSA.

Selection and ordering data

Type 4RB510

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 isulation material class F 1)											
B 200	4RB510-0AH16-8	50	1.5	200D ... 240D	345Y...415Y	7.5D	4.3Y	-310	360	64	26
B 201	4RB510-0AH16-8	60	1.75	220D ... 275D	380Y...480Y	7.6D	4.4Y	-340	320	68	26
B 202	4RB510-0AH26-8	50	2.2	200D ... 240D	345Y...415Y	11.4D	6.6Y	-310	470	64	29
B 203	4RB510-0AH26-8	60	2.55	220D ... 275D	380Y...480Y	11.4D	6.5Y	-360	480	68	29



Other voltage ranges

		<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

Machines according to the ATEX norm 94/4 EG are available for the whole performance range.

Following types available: Category 3 G, 3/2 G, 3 D and 3/2 D.

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

All G-4RB achieve the standards and norms of the low voltage directive (LVD)2006/95/EC, rotating electrotechnical motor EN 60034-1-2004, electromagnetic compatibility(EMC)EN55014-1/2,EN61000-2/-3/-4/-6.

- 1) For standard UL for ELECTRIC MOTOR UL 1004-1.
- 2) Relief-valve are available for limiting differential pressure.
- 3) Measuring-surface sound-pressure level acc. to DIN EN 21680, measured at a distance of 1 m. The pump is throttled to an average suction pressure, a hose is connected to the discharge side (compressor) / suction side (vacuum pump), but is not fitted with relief valves.

The motors are designed according to the DIN EN 60 034 / DIN IEC 34-1 and temperature class F.

For the three phase machines the tolerances are +/- 10 % for fixed voltage and +/- 5 % for voltage range.

The single phase machines are designed with a +/- 5 % tolerances. If only 90 % of the maxium allowed pressure will be used for the continuousoperating then the allowed voltage range add to +/- 10 %.

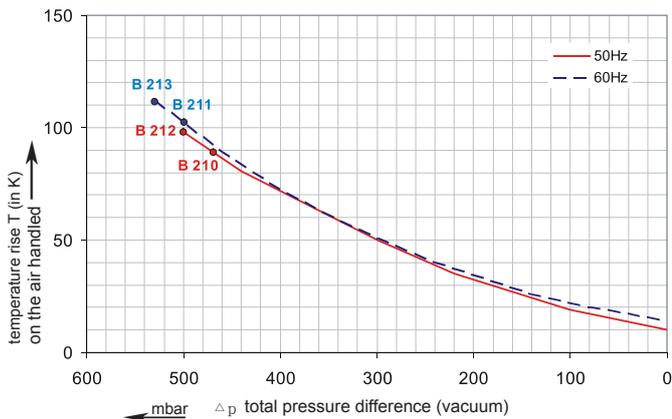
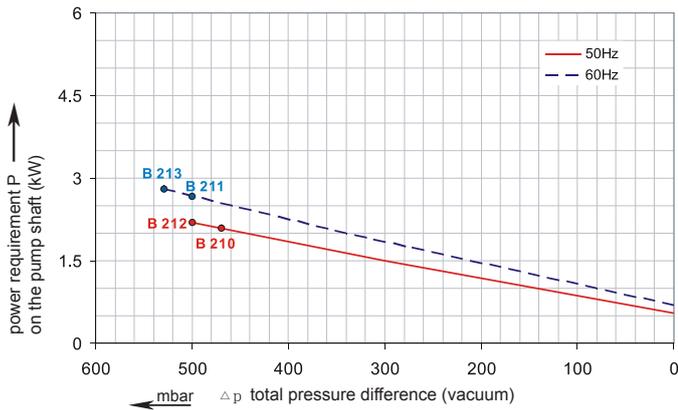
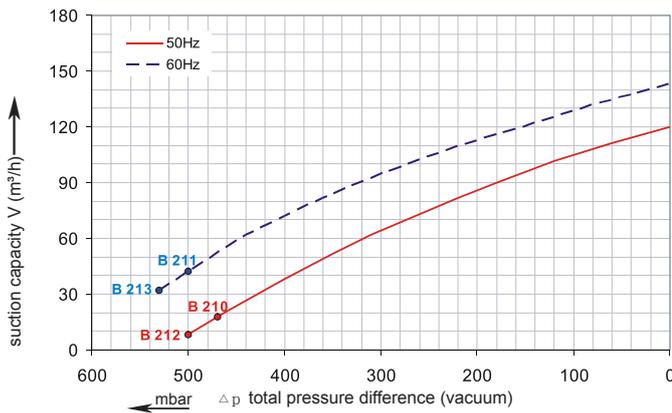
For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

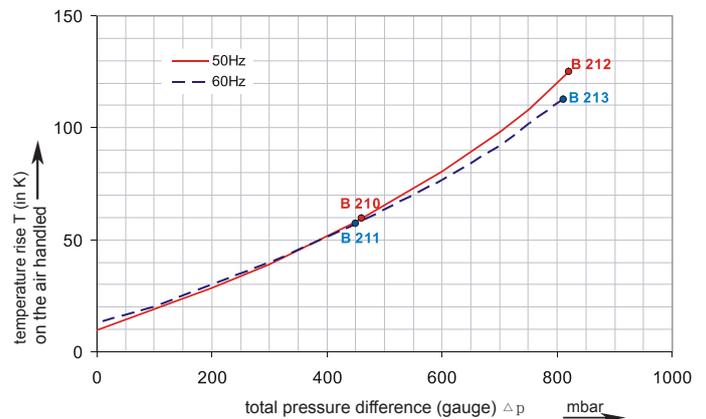
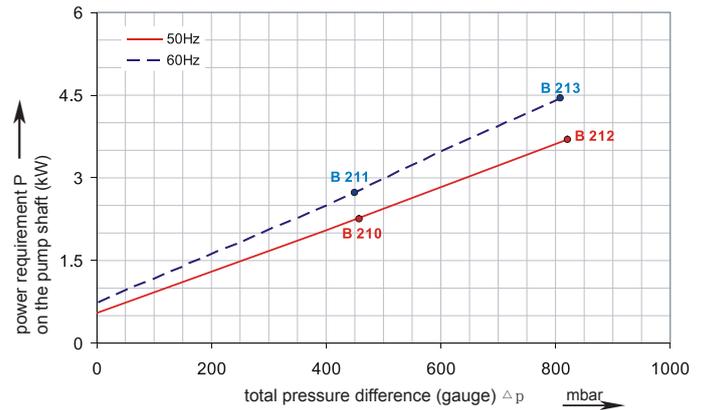
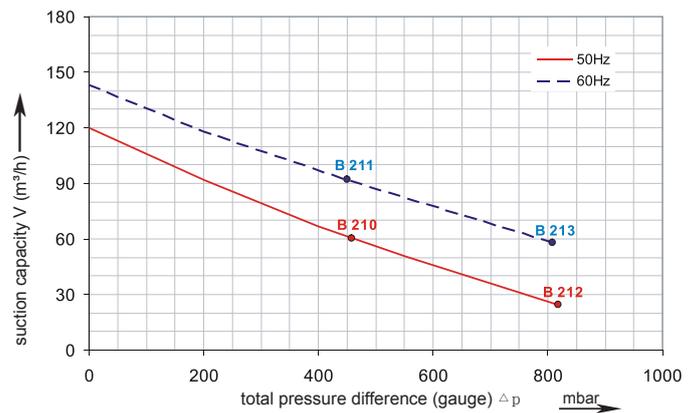
G-4RB

Performance curve for Vacuum pump



4RB 520

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 G-4RB 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 as well as approved for UL and CSA.

Selection and ordering data

Type 4RB520

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)											
B 210	4RB520-0AH26-8	50	2.2	200D ... 240D	345Y...415Y	11.4D	6.6Y	-470	460	64	40
B 211	4RB520-0AH26-8	60	2.55	220D ... 275D	380Y...480Y	11.2D	6.5Y	-500	450	70	40
B 212	4RB520-0AH76-8	50	4.0	345D ... 415D		9.0D		-500	820	65	51
B 213	4RB520-0AH76-8	60	4.6	380D ... 480D		9.5D		-530	810	71	51



Other voltage ranges

		<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

Machines according to the ATEX norm 94/4 EG are available for the whole performance range.

Following types available: Category 3 G, 3/2 G, 3 D and 3/2 D.

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

All G-4RB achieve the standards and norms of the low voltage directive (LVD)2006/95/EC, rotating electrotechnical motor EN 60034-1-2004, electromagnetic compatibility(EMC)EN55014-1/2,EN61000-2/-3/-4/-6.

- 1) For standard UL for ELECTRIC MOTOR UL 1004-1.
- 2) Relief-valve are available for limiting differential pressure.
- 3) Measuring-surface sound-pressure level acc. to DIN EN 21680, measured at a distance of 1 m. The pump is throttled to an average suction pressure, a hose is connected to the discharge side (compressor) / suction side (vacuum pump), but is not fitted with relief valves.

The motors are designed according to the DIN EN 60 034 / DIN IEC 34-1 and temperature class F.

For the three phase machines the tolerances are +/- 10 % for fixed voltage and +/- 5 % for voltage range.

The single phase machines are designed with a +/- 5 % tolerances. If only 90 % of the maximum allowed pressure will be used for the continuous operating then the allowed voltage range add to +/- 10 %.

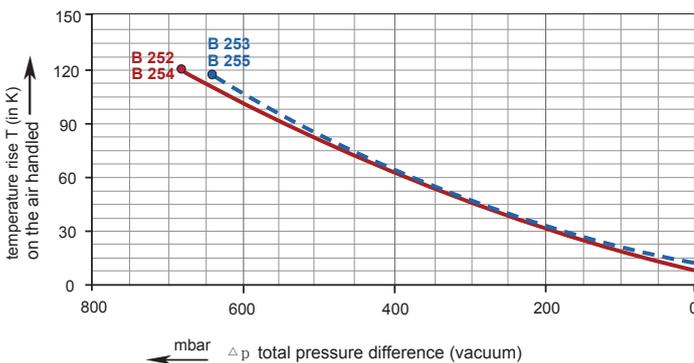
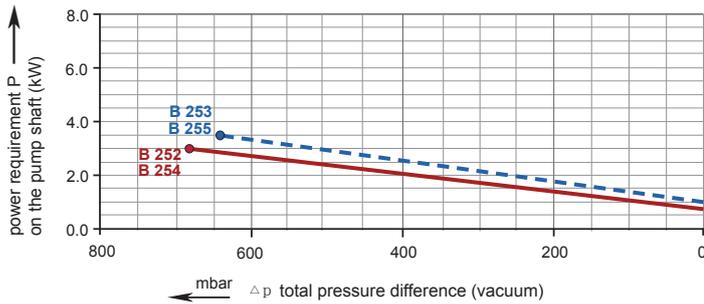
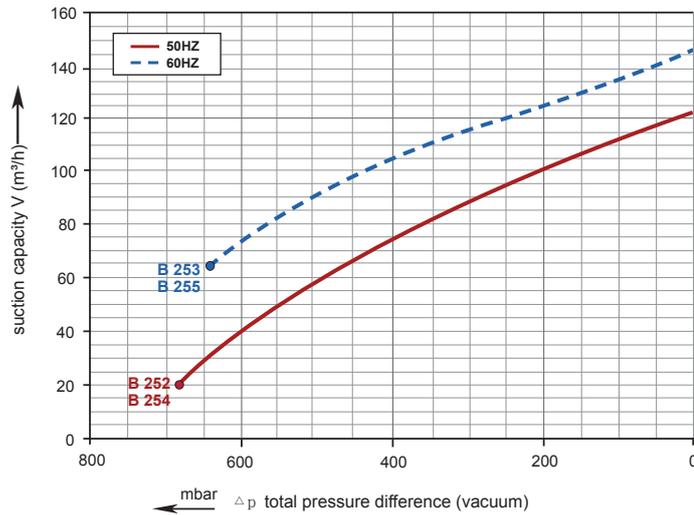
For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

Changes in particular the quoted performance curve, data and weights without prior notice. The figures are without obligations.

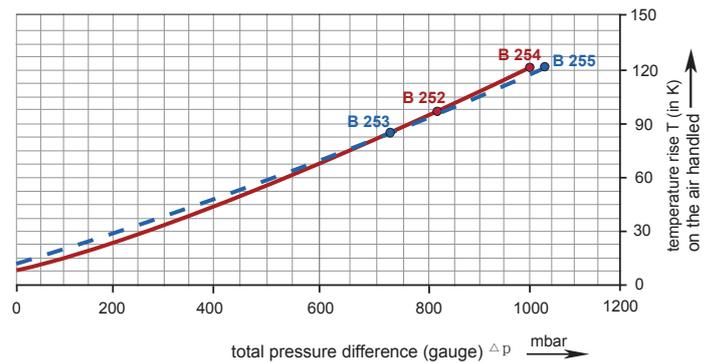
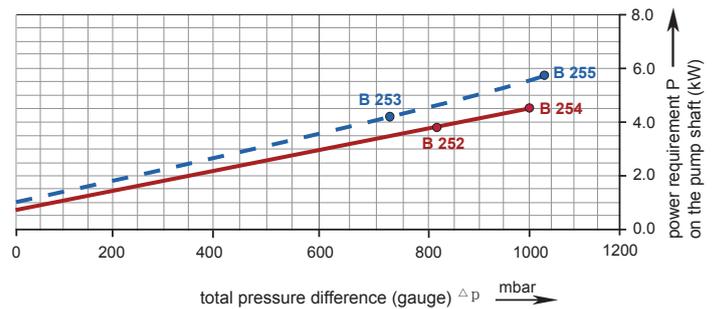
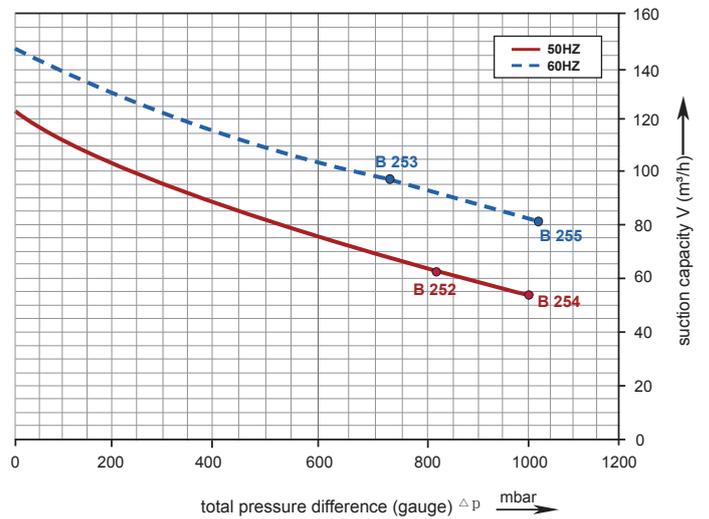
G-4RB

Performance curve for Vacuum pump



4RB 530

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 G-4RB 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 as well as approved for UL and CSA.

Selection and ordering data

Type 4RB530

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		kg
3~ 50/60 Hz IP55 isulation material class F 1)								
B 252	4RB530-0AH77-7	50	4.0	345D...415D	9.0D	-680	820	62
B 253	4RB530-0AH77-7	60	4.6	380D...480D	9.5D	-640	730	62
B 254	4RB530-0AH87-7	50	5.5	345D...415D	11.5D	-680	1000	68
B 255	4RB530-0AH87-7	60	6.3	380D...480D	12.0D	-640	1030	68



Other voltage ranges

2RB530-7A □ □		
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
Machines according to the ATEX norm 94/4 EG are available for the whole performance range.		
Following types available: Category 3 G, 3/2 G, 3 D and 3/2 D.		
1~		
100 / 200 V	100 / 200 V	V 4
115 / 230 V	115 / 230 V	V 5
230V	230V	A 1

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

All G-2RB achieve the standards and norms of the low voltage directive (LVD)2006/95/EC, rotating electrotechnical motor EN 60034-1-2004, electromagnetic compatibility(EMC)EN55014-1/2,EN61000-2/-3/-4/-6.

- 1) For standard UL for ELECTRIC MOTOR UL 1004-1.
- 2) Relief-valve are available for limiting differential pressure.
- 3) Measuring-surface sound-pressure level acc. to DIN EN 21680, measured at a distance of 1 m. The pump is throttled to an average suction pressure, a hose is connected to the discharge side (compressor) / suction side (vacuum pump), but is not fitted with relief valves.

The motors are designed according to the DIN EN 60 034 / DIN IEC 34-1 and temperature class F.

For the three phase machines the tolerances are +/- 10 % for fixed voltage and +/- 5 % for voltage range.

The single phase machines are designed with a +/- 5 % tolerances. If only 90 % of the maximum allowed pressure will be used for the continuous operating then the allowed voltage range add to +/- 10 %.

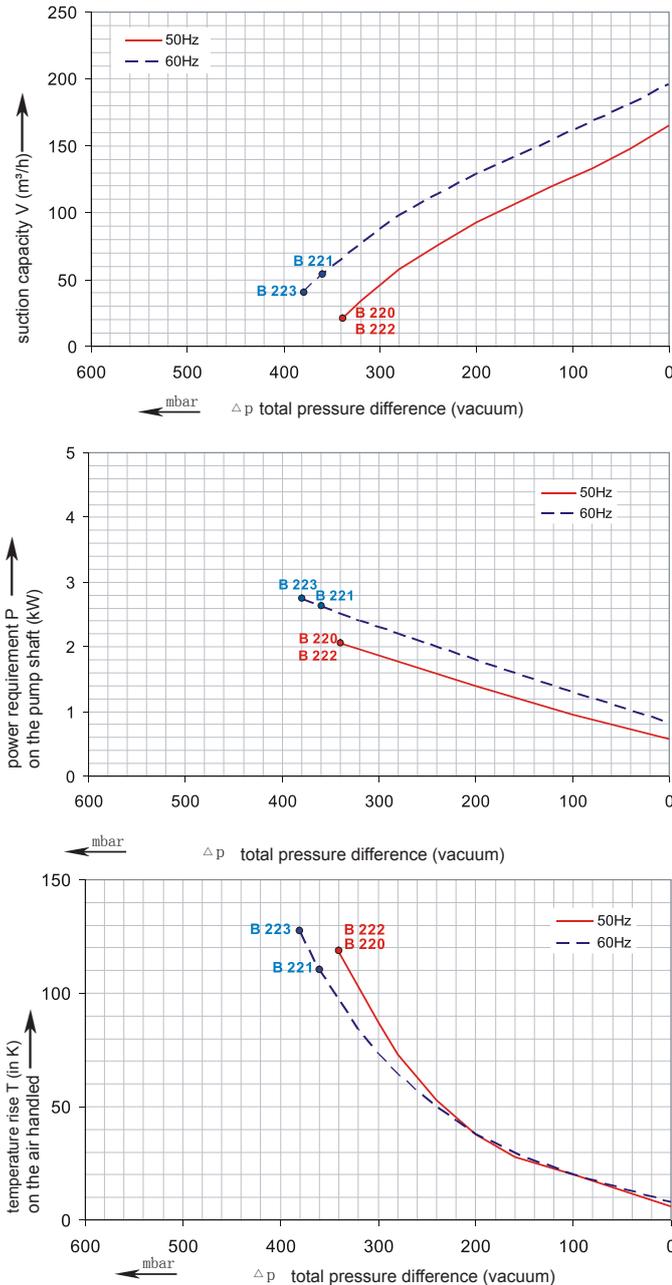
For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

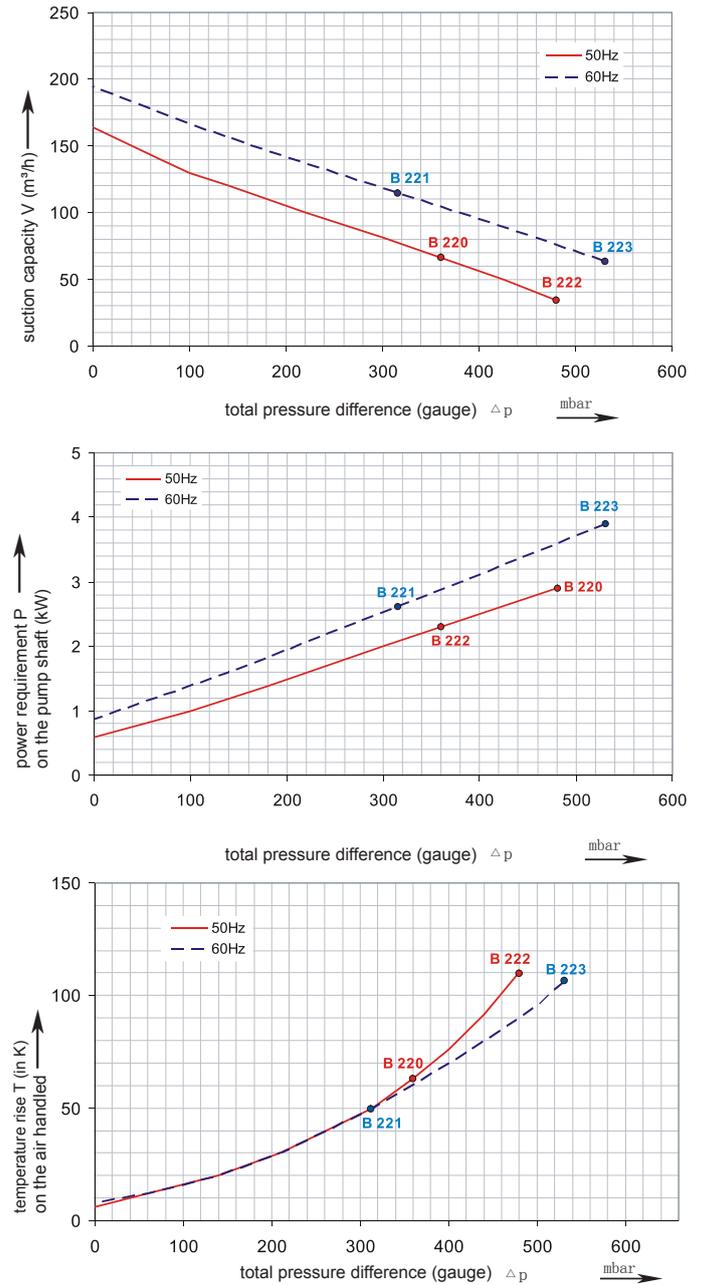
G-4RB

Performance curve for Vacuum pump



4RB 610

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 G-4RB 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 as well as approved for UL and CSA.

Selection and ordering data

Type 4RB610

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 isulation material class F 1)

B 220	4RB610-0AH16-8	50	2.2	200D ... 240D	345Y...415Y	11.4D	6.6Y	-340	360	65	32
B 221	4RB610-0AH16-8	60	2.55	220D ... 275D	380Y...480Y	11.2D	6.5Y	-360	315	71	32
B 222	4RB610-0AH36-8	50	3.3	345D ... 415D	345Y...415Y	13.0D	7.5Y	-340	480	65	35
B 223	4RB610-0AH36-8	60	3.8	380D ... 480D	380Y...480Y	14.2D	8.2Y	-380	530	71	35



Other voltage ranges

		<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

Machines according to the ATEX norm 94/4 EG are available for the whole performance range.

Following types available: Category 3 G, 3/2 G, 3 D and 3/2 D.

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

All G-4RB achieve the standards and norms of the low voltage directive (LVD)2006/95/EC, rotating electrotechnical motor EN 60034-1-2004, electromagnetic compatibility(EMC)EN55014-1/2,EN61000-2/-3/-4/-6.

- 1) For standard UL for ELECTRIC MOTOR UL 1004-1.
- 2) Relief-valve are available for limiting differential pressure.
- 3) Measuring-surface sound-pressure level acc. to DIN EN 21680, measured at a distance of 1 m. The pump is throttled to an average suction pressure, a hose is connected to the discharge side (compressor) / suction side (vacuum pump), but is not fitted with relief valves.

The motors are designed according to the DIN EN 60 034 / DIN IEC 34-1 and temperature class F.

For the three phase machines the tolerances are +/- 10 % for fixed voltage and +/- 5 % for voltage range.

The single phase machines are designed with a +/- 5 % tolerances. If only 90 % of the maxium allowed pressure will be used for the continuousoperating then the allowed voltage range add to +/- 10 %.

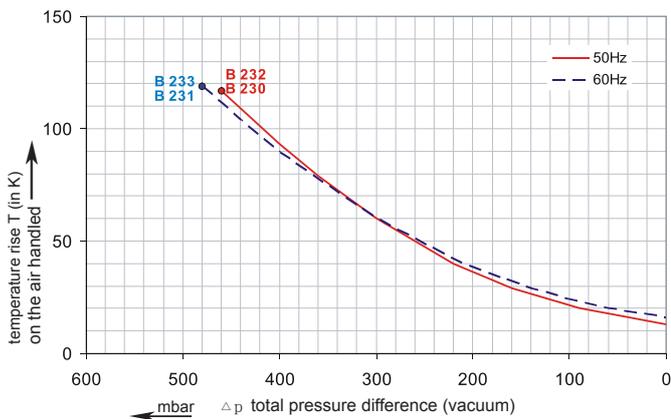
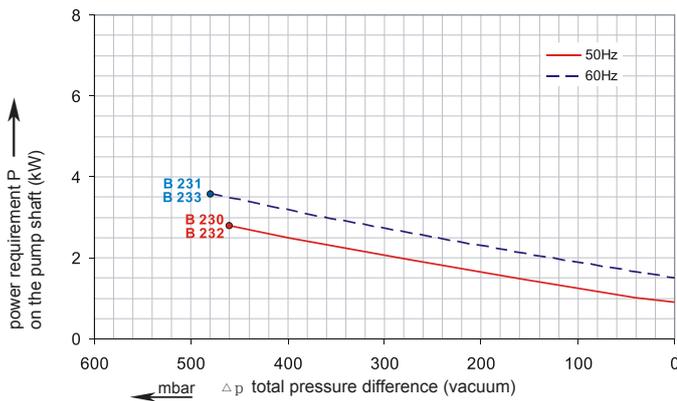
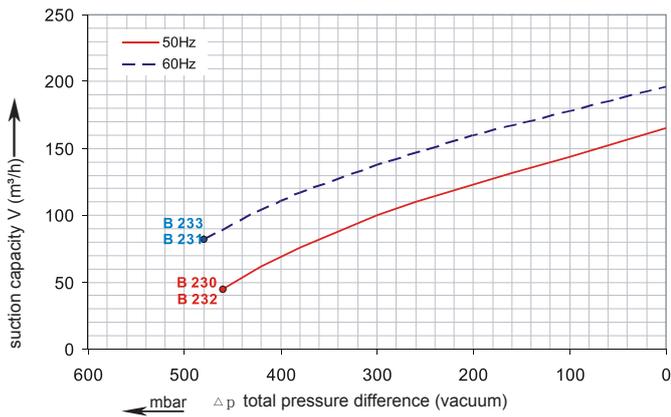
For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

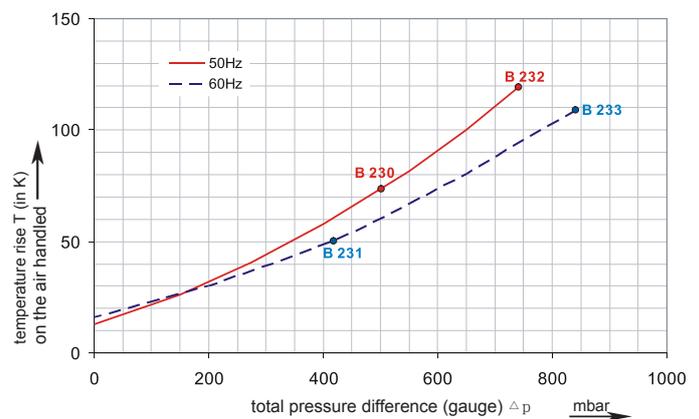
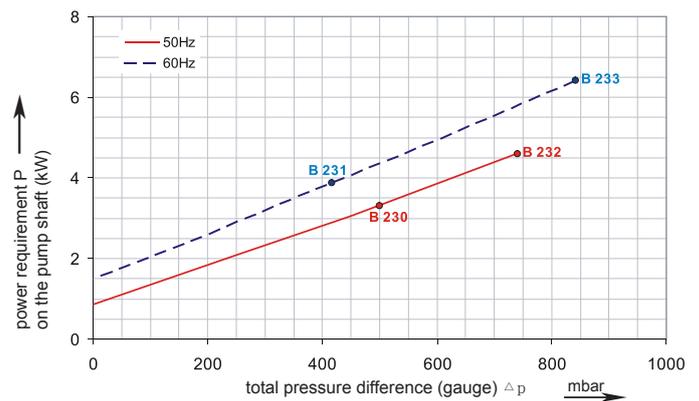
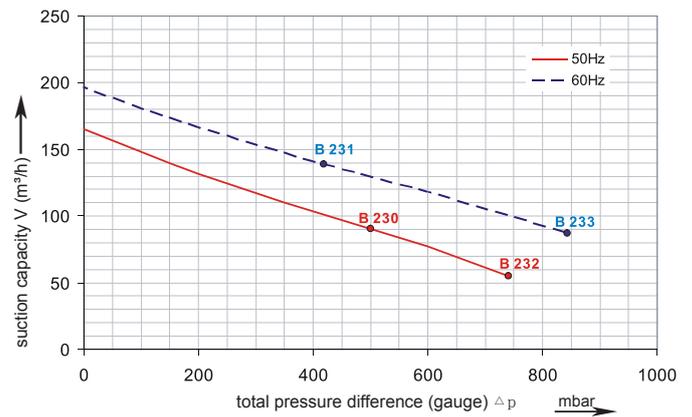
G-4RB

Performance curve for Vacuum pump



4RB 620

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 G-4RB 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 as well as approved for UL and CSA.

Selection and ordering data

Type 4RB620

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 isulation material class F 1)

B 230	4RB620-0AH36-8	50	3.3	200D ... 240D	345Y...415Y	13.0D	7.5Y	-460	500	67	48
B 231	4RB620-0AH36-8	60	3.8	220D ... 275D	380Y...480Y	14.2D	8.2Y	-480	420	71	48
B 232	4RB620-0AH57-8	50	5.7	345D ... 415D		12.5D		-460	740	68	65
B 233	4RB620-0AH57-8	60	6.6	380D ... 480D		12.0D		-480	840	72	65



Other voltage ranges

		<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	575 V D	C 5

Machines according to the ATEX norm 94/4 EG are available for the whole performance range.

Following types available: Category 3 G, 3/2 G, 3 D and 3/2 D.

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

All G-4RB achieve the standards and norms of the low voltage directive (LVD)2006/95/EC, rotating electrotechnical motor EN 60034-1-2004, electromagnetic compatibility(EMC)EN55014-1/2,EN61000-2/-3/-4/-6.

- 1) For standard UL for ELECTRIC MOTOR UL 1004-1.
- 2) Relief-valve are available for limiting differential pressure.
- 3) Measuring-surface sound-pressure level acc. to DIN EN 21680, measured at a distance of 1 m. The pump is throttled to an average suction pressure, a hose is connected to the discharge side (compressor) / suction side (vacuum pump), but is not fitted with relief valves.

The motors are designed according to the DIN EN 60 034 / DIN IEC 34-1 and temperature class F.

For the three phase machines the tolerances are +/- 10 % for fixed voltage and +/- 5 % for voltage range.

The single phase machines are designed with a +/- 5 % tolerances. If only 90 % of the maxium allowed pressure will be used for the continuousoperating then the allowed voltage range add to +/- 10 %.

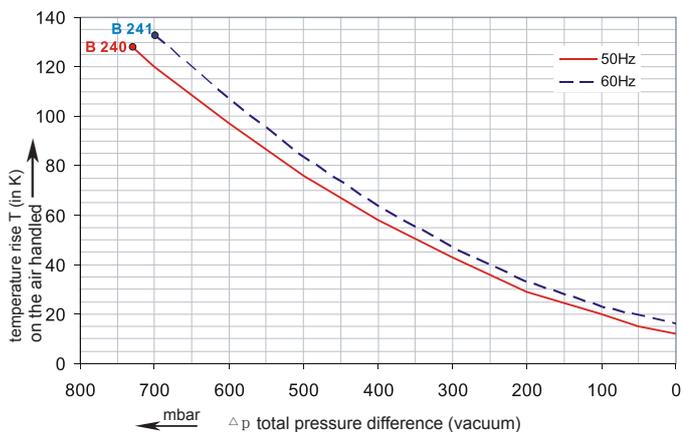
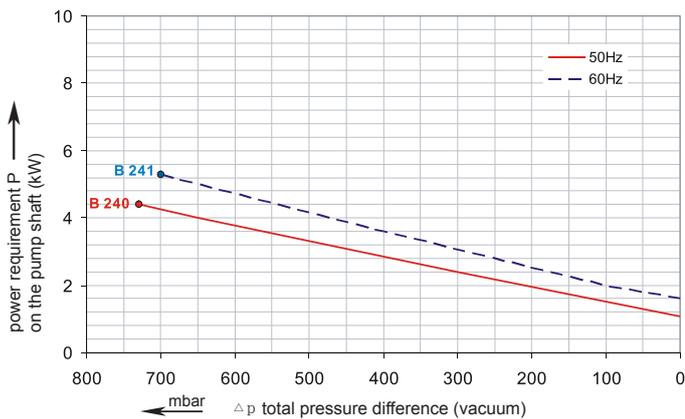
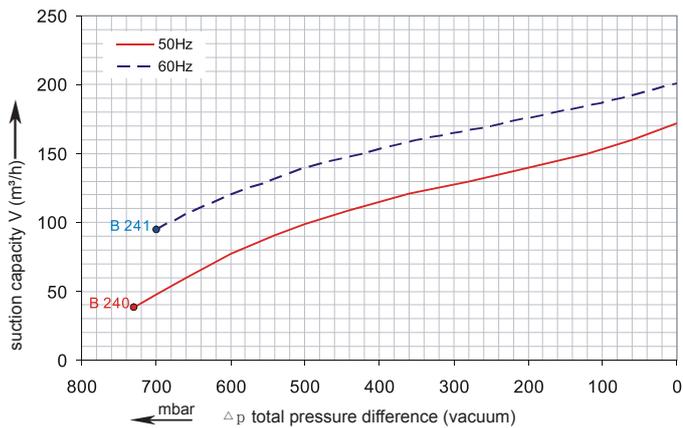
For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

G-4RB

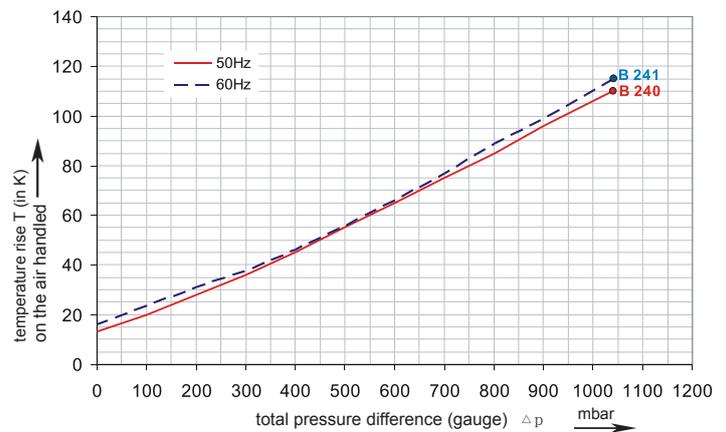
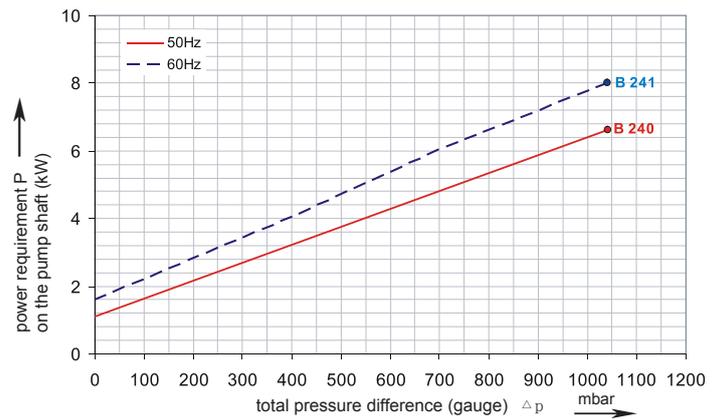
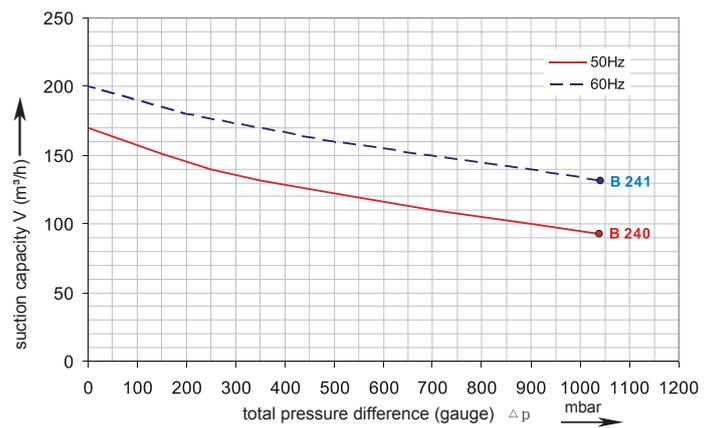
Performance curve for Vacuum pump



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.

4RB 630

Performance curve for Compressor



Each G-4RB 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 as well as approved for UL and CSA.

Selection and ordering data

Type 4RB630

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	dB(A)	kg

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

B 240	4RB630-7AH67-8	50	7.5	345D...415D	16.0D	-730	1040	72	86
B 241	4RB630-7AH67-8	60	8.6	380D...480D	16.0D	-700	1040	76	86



Other voltage ranges

		<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

Machines according to the ATEX norm 94/4 EG are available for the whole performance range.

Following types available: Category 3 G, 3/2 G, 3 D and 3/2 D.

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

All G-4RB achieve the standards and norms of the low voltage directive (LVD)2006/95/EC, rotating electrotechnical motor EN 60034-1-2004, electromagnetic compatibility(EMC)EN55014-1/2,EN61000-2/-3/-4/-6.

- 1) For standard UL for ELECTRIC MOTOR UL 1004-1.
- 2) Relief-valve are available for limiting differential pressure.
- 3) Measuring-surface sound-pressure level acc. to DIN EN 21680, measured at a distance of 1 m. The pump is throttled to an average suction pressure, a hose is connected to the discharge side (compressor) / suction side (vacuum pump), but is not fitted with relief valves.

The motors are designed according to the DIN EN 60 034 / DIN IEC 34-1 and temperature class F.

For the three phase machines the tolerances are +/- 10 % for fixed voltage and +/- 5 % for voltage range.

The single phase machines are designed with a +/- 5 % tolerances. If only 90 % of the maximum allowed pressure will be used for the continuous operating then the allowed voltage range add to +/- 10 %.

For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

Changes in particular the quoted performance curve, data and weights without prior notice. The figures are without obligations.

DYNAPUMPS

DYNAPUMPS Sydney-Melbourne-Brisbane-Perth
Phone: 1300 788 579
E-mail:sales@dynamumps.com.au