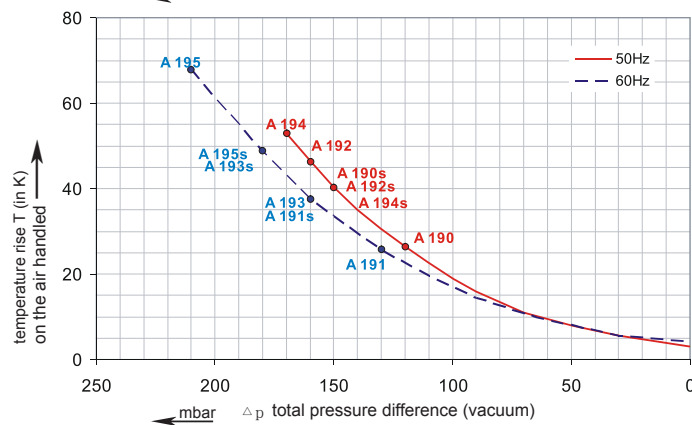
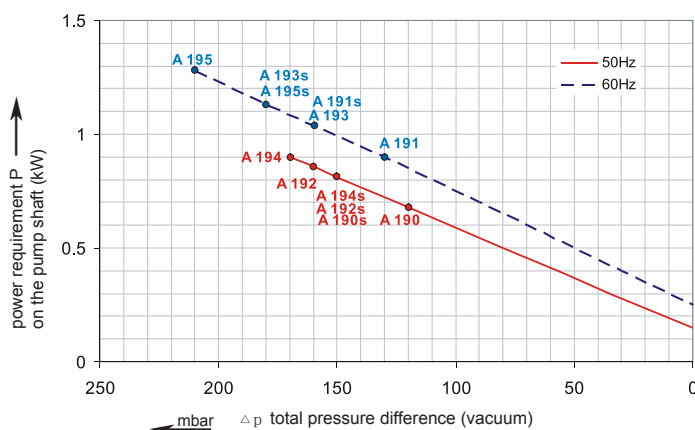
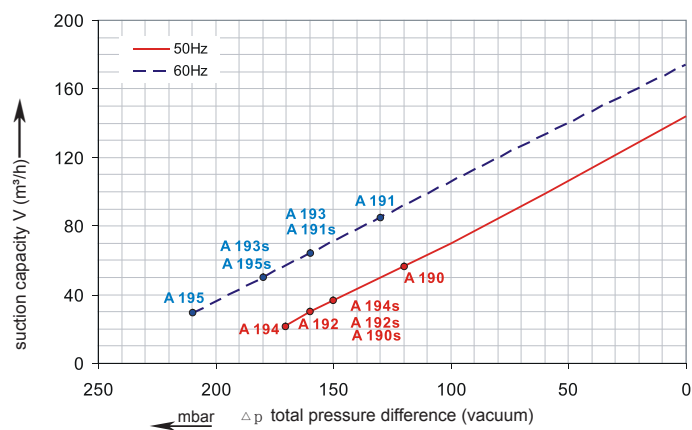




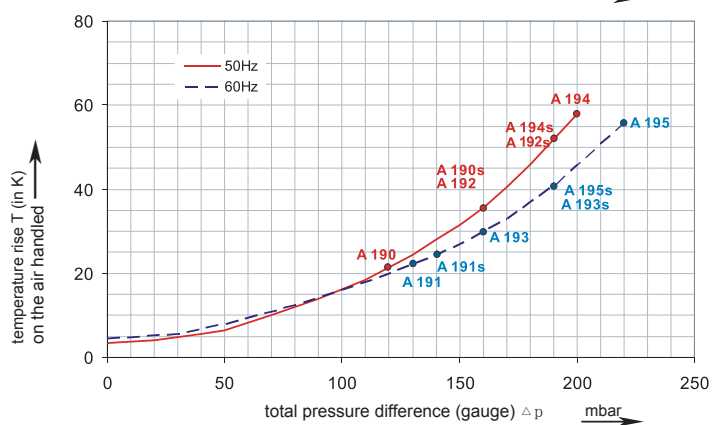
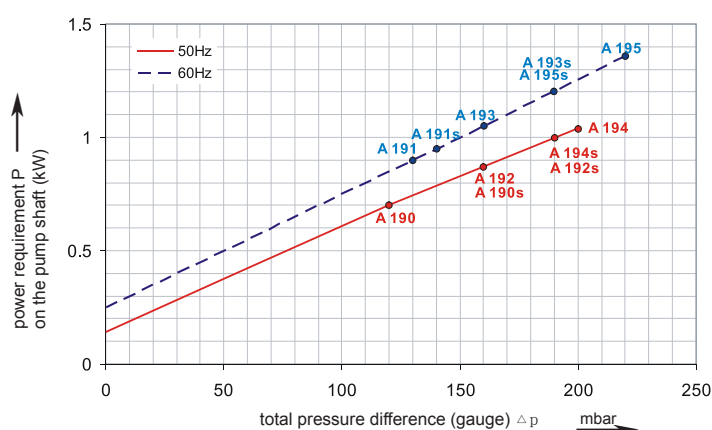
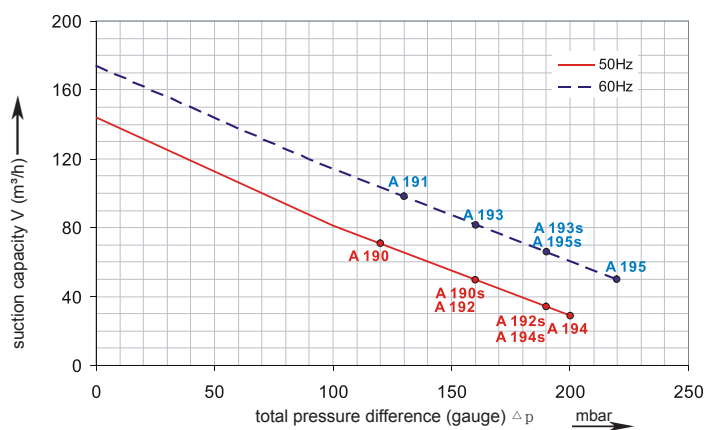
## G-2RB

Performance curve for Vacuum pump



## 2RB 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-2RB 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 2RB410

Curve No.	Order No.	Fre- quency	Rated 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 mbar	Compressor mbar		

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

A 190	2RB410-7AH06	50	0.7	200D ... 240D	345Y...415Y	3.8D	2.2Y	-120	120	63	13
A 191	2RB410-7AH06	60	0.83	220D ... 275D	380Y...480Y	3.75D	2.15Y	-130	130	64	13
A 192	2RB410-7AH16	50	0.85	200D ... 240D	345Y...415Y	4.0D	2.3Y	-160	160	63	16
A 193	2RB410-7AH16	60	0.95	220D ... 275D	380Y...480Y	3.85D	2.25Y	-160	160	64	16
A 194	2RB410-7AH26	50	1.3	200D ... 240D	345Y...415Y	5.7D	3.3Y	-170	200	63	17
A 195	2RB410-7AH26	60	1.5	220D ... 275D	380Y...480Y	6.0D	3.5Y	-210	220	64	17

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

A 190s	2RB410-7AA11	50	0.8	230		5.2		-150	160	63	15
A 191s	2RB410-7AA11	60	0.9	230		5.8		-160	140	64	15
A 192s	2RB410-7AA21	50	1.1	230		7.3		-150	190	63	16
A 193s	2RB410-7AA21	60	1.3	230		8.3		-180	190	64	16
A 194s	2RB410-7AV25	50	1.1	115	230	14.6	7.3	-150	190	63	16
A 195s	2RB410-7AV25	60	1.3	115	230	16.6	8.3	-180	190	64	16



#### Other voltage ranges

2RB410-7A <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 1
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.

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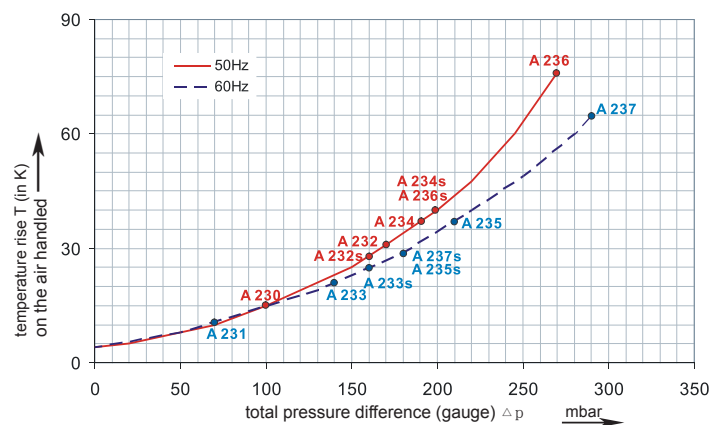
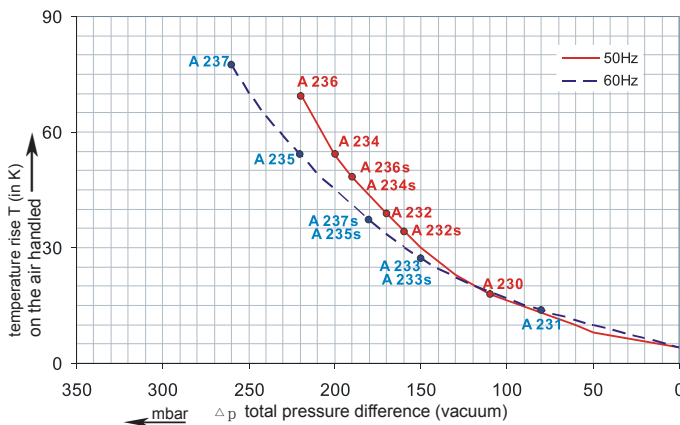
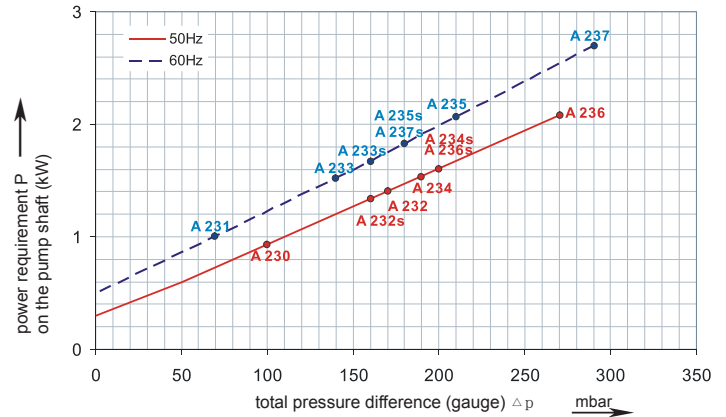
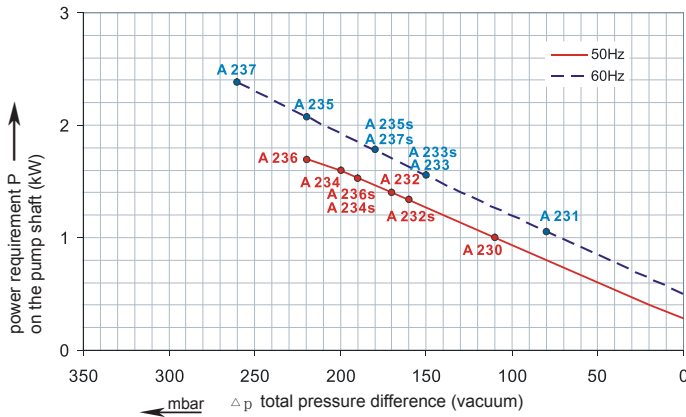
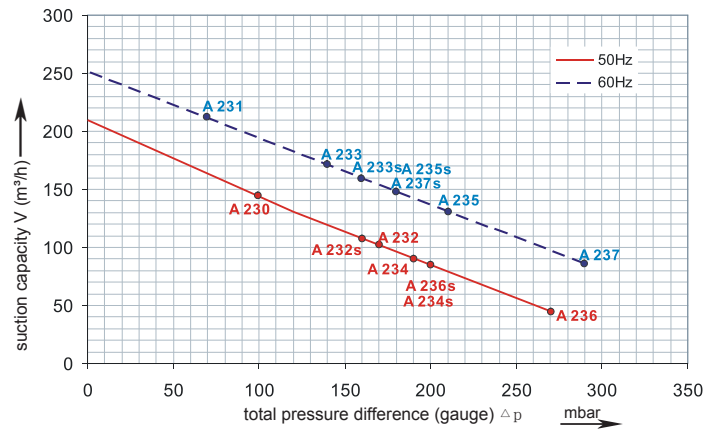
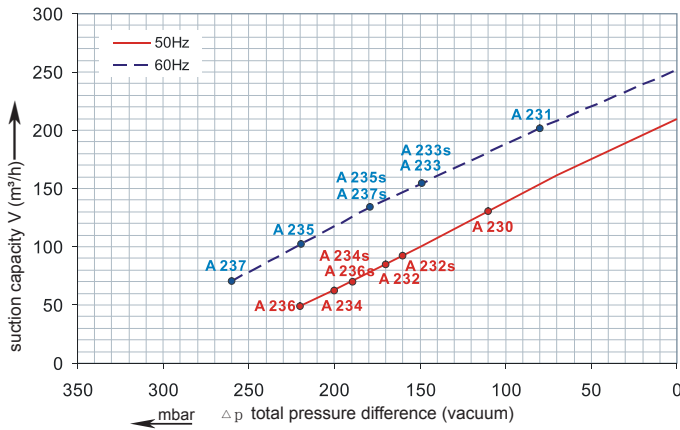


## G-2RB

## 2RB 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 G-2RB 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 2RB510

Curve No.	Order No.	Fre- quency	Rated power	Input voltage		Input current		Permissible total differential pressure <sup>2)</sup>		Sound pressure level <sup>3)</sup>	Weight ca.
				Hz	kW	V		A			

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

A 230	2RB510-7AH06	50	0.85	200D ... 240D	345Y...415Y	4.0D	2.3Y	-110	100	64	20
A 231	2RB510-7AH06	60	0.95	220D ... 275D	380Y...480Y	4.2D	2.4Y	-80	70	70	20
A 232	2RB510-7AH16	50	1.3	200D ... 240D	345Y...415Y	6.6D	3.8Y	-170	170	64	22
A 233	2RB510-7AH16	60	1.5	220D ... 275D	380Y...480Y	6.9D	4.0Y	-150	140	70	22
A 234	2RB510-7AH26	50	1.6	200D ... 240D	345Y...415Y	7.5D	4.3Y	-200	190	64	23
A 235	2RB510-7AH26	60	2.05	220D ... 275D	380Y...480Y	7.6D	4.4Y	-220	210	70	23
A 236	2RB510-7AH36	50	2.2	200D ... 240D	345Y...415Y	9.7D	5.6Y	-220	270	64	25
A 237	2RB510-7AH36	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	2RB510-7AA11	50	1.1	230		7.3		-160	160	64	21
A 233s	2RB510-7AA11	60	1.3	230		8.3		-150	160	70	21
A 234s	2RB510-7AA21	50	1.5	230		9		-190	200	64	24
A 235s	2RB510-7AA21	60	1.75	230		10		-180	180	70	24
A 236s	2RB510-7AV35	50	1.5	115	230	22.0	11.0	-190	200	64	26
A 237s	2RB510-7AV35	60	1.75	115	230	24.0	12.0	-180	180	70	26



#### Other voltage ranges

2RB510-7A □ □		
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	575V 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.		
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.

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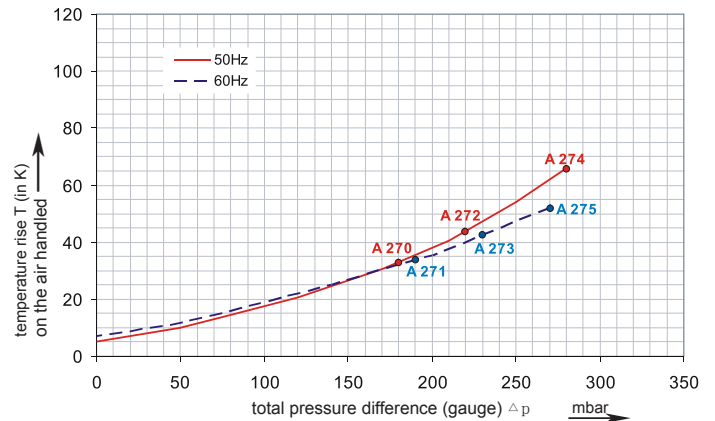
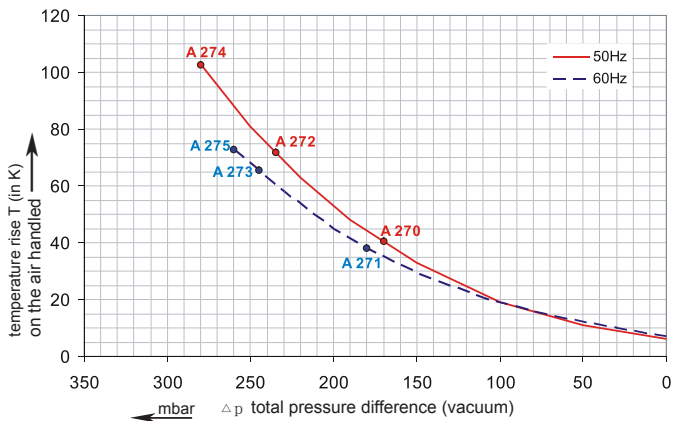
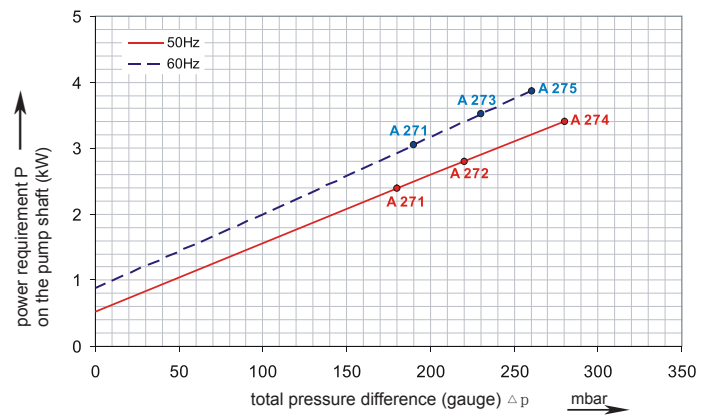
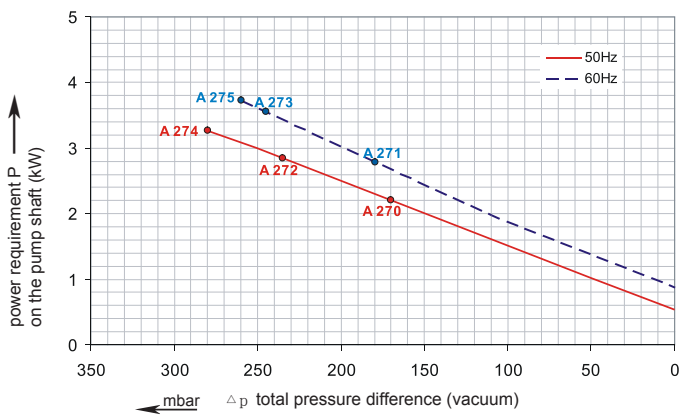
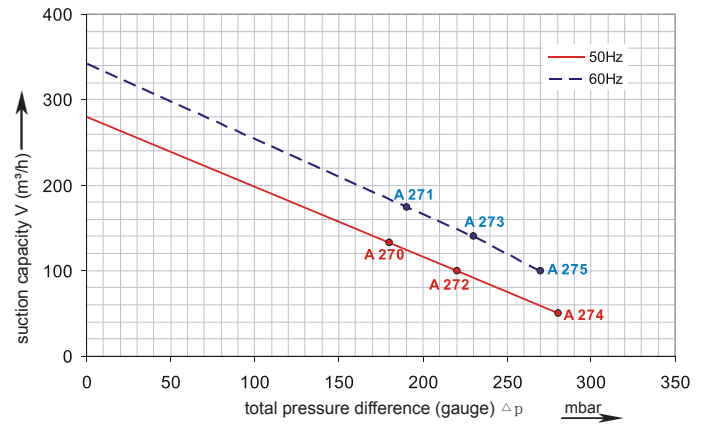
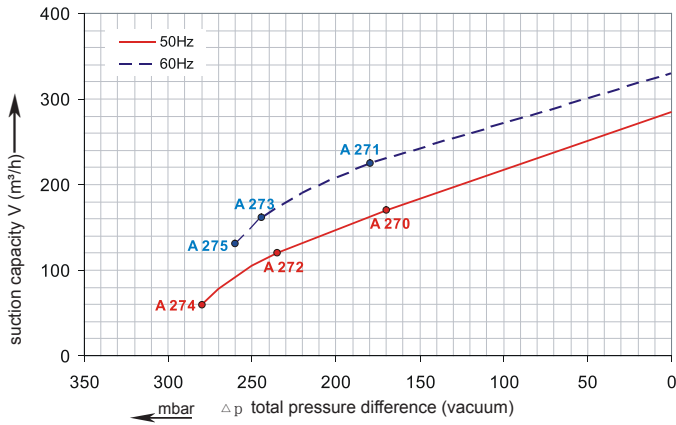


## G-2RB

## 2RB 610

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 G-2RB 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 2RB610

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

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

A 270	2RB610-7AH06	50	1.6	200D ... 240D	345Y...415Y	8.5D	4.9Y	-170	180	68	25
A 271	2RB610-7AH06	60	2.05	220D ... 275D	380Y...480Y	8.8D	5.1Y	-180	190	70	25
A 272	2RB610-7AH16	50	2.2	200D ... 240D	345Y...415Y	9.7D	5.6Y	-235	220	69	28
A 273	2RB610-7AH16	60	2.55	220D ... 275D	380Y...480Y	10.3D	6.0Y	-245	230	72	28
A 274	2RB610-7AH26	50	3.0	200D ... 240D	345Y...415Y	12.5D	7.2Y	-280	280	69	34
A 275	2RB610-7AH26	60	3.45	220D ... 275D	380Y...480Y	12.6D	7.3Y	-260	270	72	34



#### Other voltage ranges

2RB610-7A <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 1
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-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.

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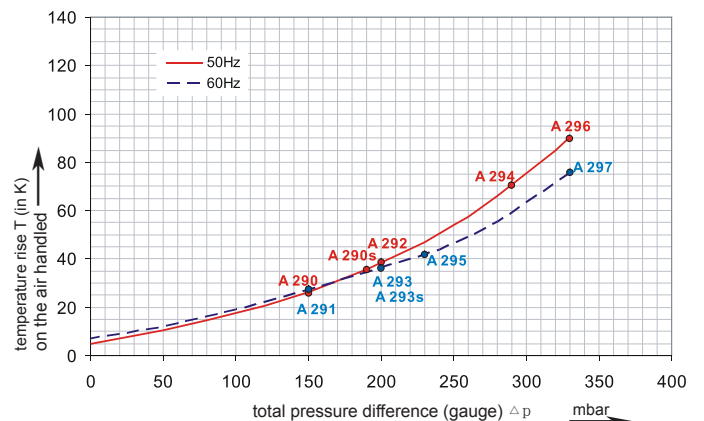
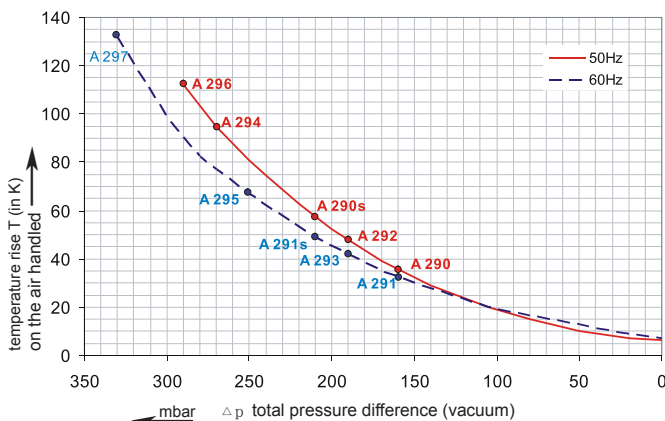
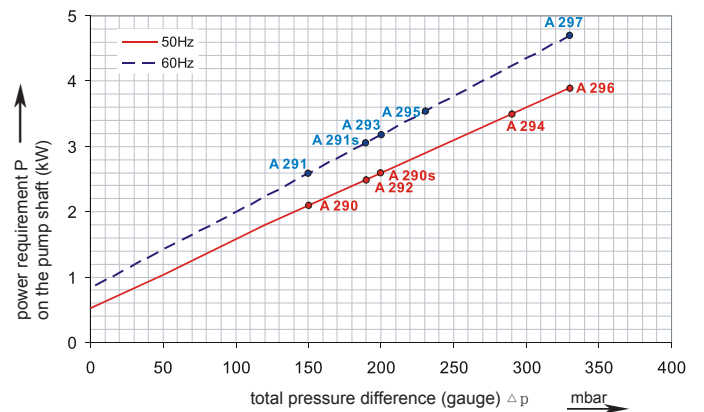
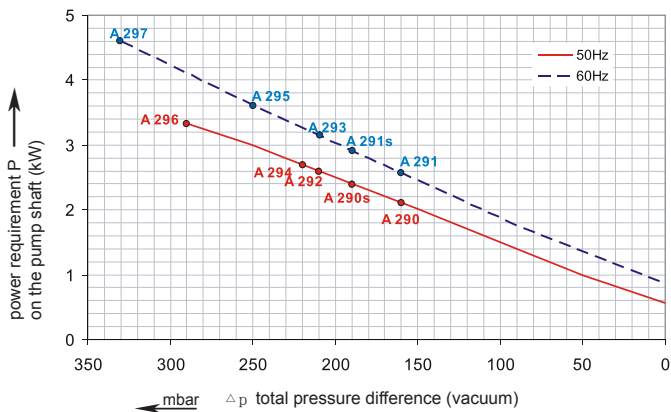
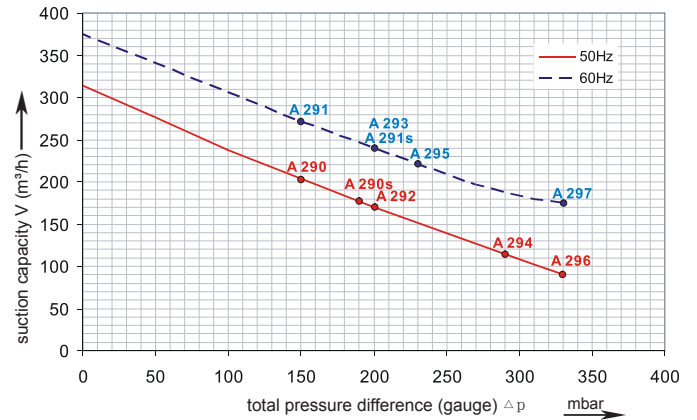
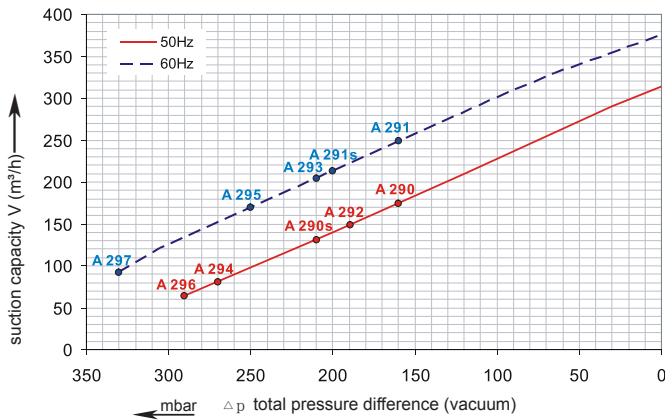


## G-2RB

## 2RB 710

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 G-2RB 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 2RB710

Curve No.	Order No.	Fre- quency	Rated 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 mbar	Compressor mbar		
<b>3~ 50/60 Hz IP55 isulation material class F 1)</b>											
A 290	2RB710-7AH06	50	1.6	200D ... 240D	345Y...415Y	8.5D	4.9Y	-160	150	69	27
A 291	2RB710-7AH06	60	2.1	220D ... 275D	380Y...480Y	8.8D	5.1Y	-160	150	72	27
A 292	2RB710-7AH16	50	2.2	200D ... 240D	345Y...415Y	9.7D	5.6Y	-190	190	69	30
A 293	2RB710-7AH16	60	2.55	220D ... 275D	380Y...480Y	10.3D	6.0Y	-190	190	72	30
A 294	2RB710-7AH26	50	3.0	200D ... 240D	345Y...415Y	12.5D	7.2Y	-260	270	69	36
A 295	2RB710-7AH26	60	3.45	220D ... 275D	380Y...480Y	12.6D	7.3Y	-240	230	72	36
A 296	2RB710-7AH37	50	4.0	345D ... 415D	600Y...720Y	9.0D	5.2Y	-290	360	69	40
A 297	2RB710-7AH37	60	4.6	380D ... 480D	660Y...720Y	9.0D	5.2Y	-320	310	72	40
<b>1~ 50/60 Hz IP55 isulation material class F 1)</b>											
A 290s	2RB710-7AA11	50	2.2	230D		12.8D		-190	190	72	30
A 291s	2RB710-7AA11	60	2.55	230D		12.8D		-190	200	74	30



#### Other voltage ranges

2RB710-7A <input type="checkbox"/> <input type="checkbox"/>		
50Hz	60Hz	↑ ↑
<b>3~</b>		
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.		
<b>1~</b>		
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.

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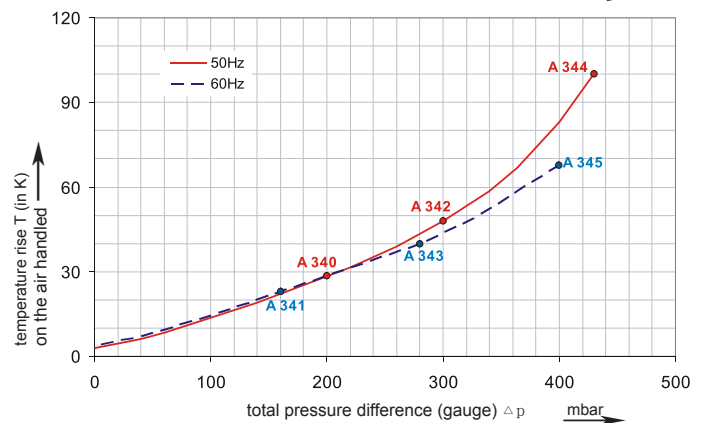
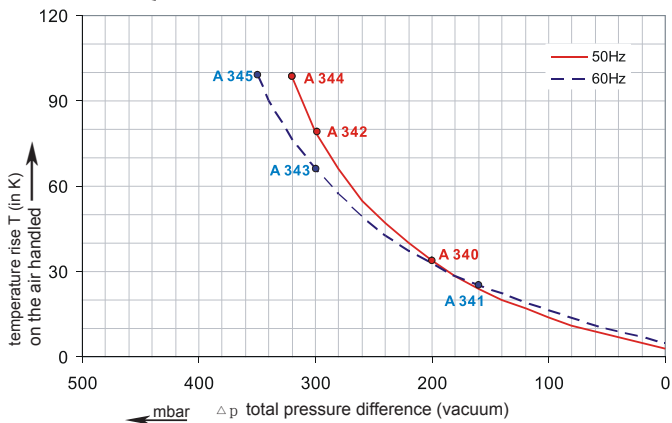
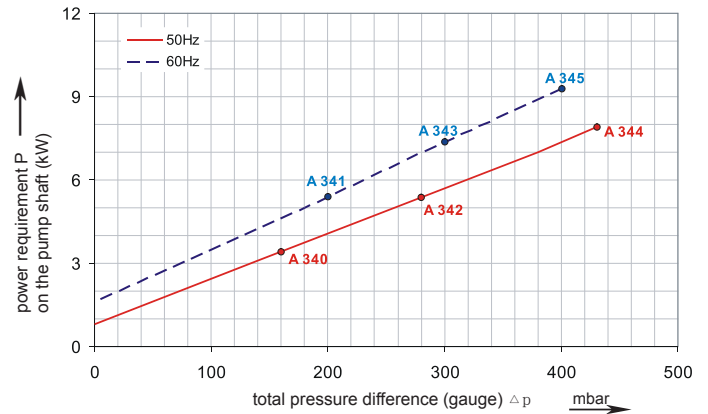
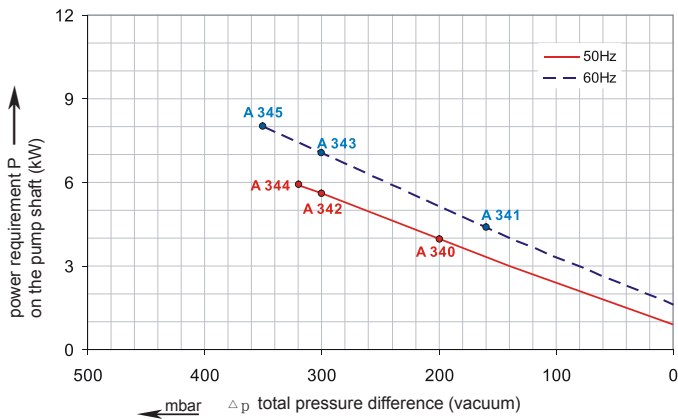
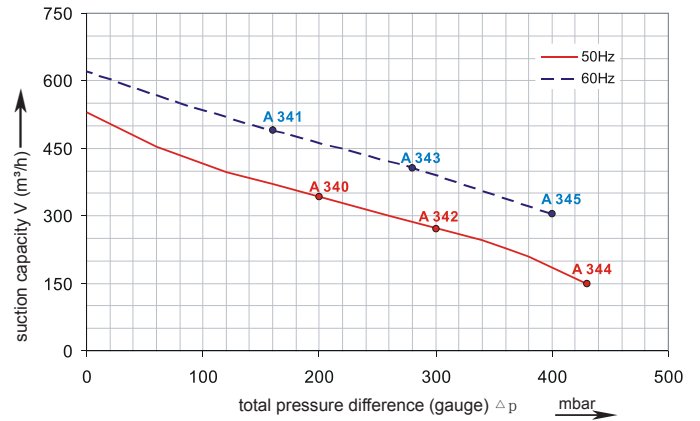
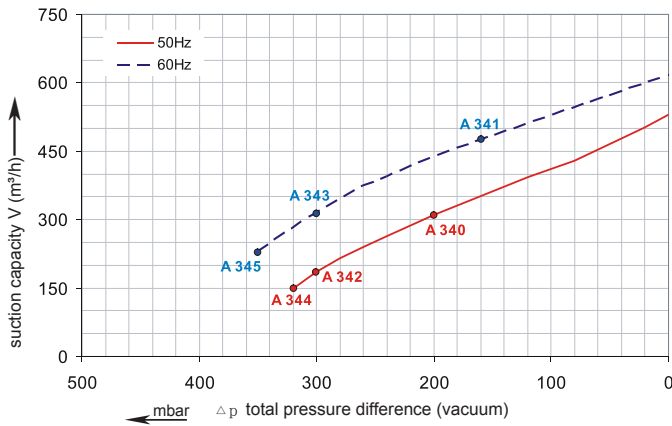


## G-2RB

## 2RB 810

Performance curve for Vacuum pump

Performance curve for Compressor



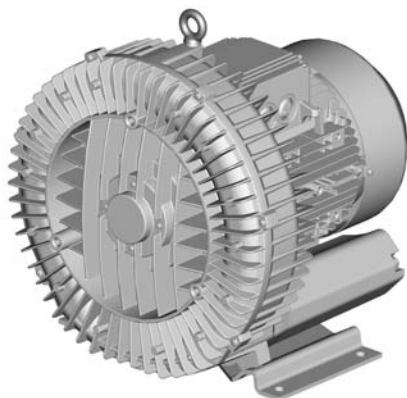
The performance curves are based on air at a temperature of 15 °C and an atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %. The total pressure differences are valid for suction and ambient temperatures up to 25 °C. For other conditions please confer with us.

Each G-2RB 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 2RB810

Curve No.	Order No.	Fre- quency	Rated 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 mbar	Compressor mbar		
<b>3~ 50/60 Hz IP55 isulation material class F 1)</b>											
A 340	2RB810-7AH07	50	4.0	345D ... 415D	600Y...720Y	9.5D	5.5Y	-200	200	70	54
A 341	2RB810-7AH07	60	4.6	380D ... 480D	660Y...720Y	9.5D	5.5Y	-160	160	74	54
A 342	2RB810-7AH17	50	5.5	345D ... 415D	600Y...720Y	13.3D	7.7Y	-300	300	70	63
A 343	2RB810-7AH17	60	6.3	380D ... 480D	660Y...720Y	13.3D	7.7Y	-300	280	74	63
A 344	2RB810-7AH27	50	7.5	345D ... 415D	600Y...720Y	16.7D	9.6Y	-320	430	70	66
A 345	2RB810-7AH27	60	8.6	380D ... 480D	660Y...720Y	17.3D	10.0Y	-350	400	74	66



#### Other voltage ranges

2RB810-7A <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-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 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.

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