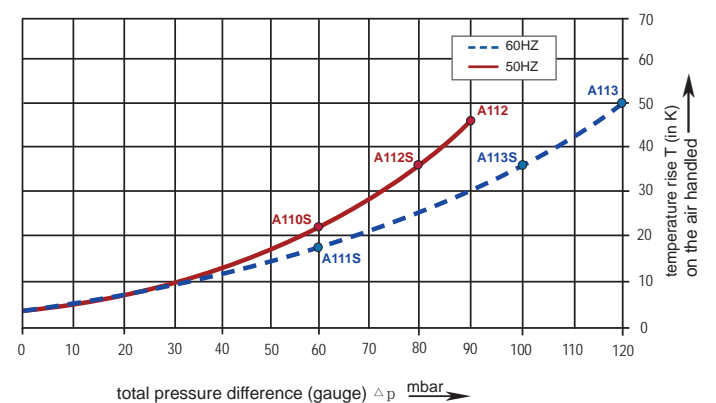
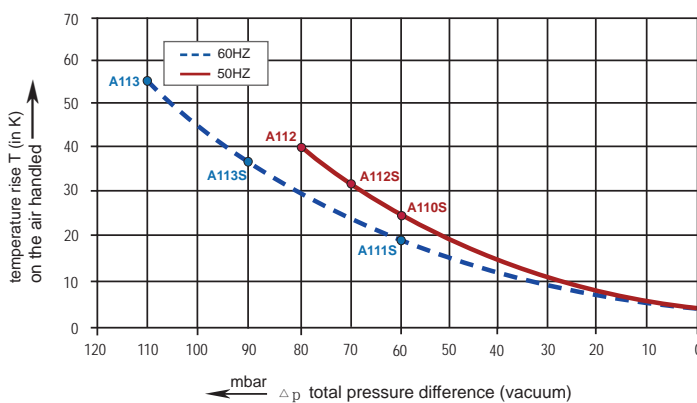
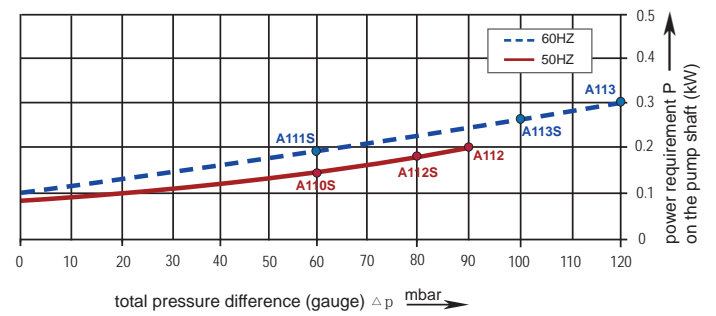
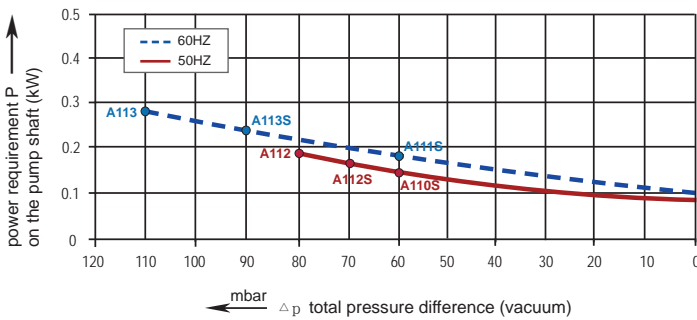
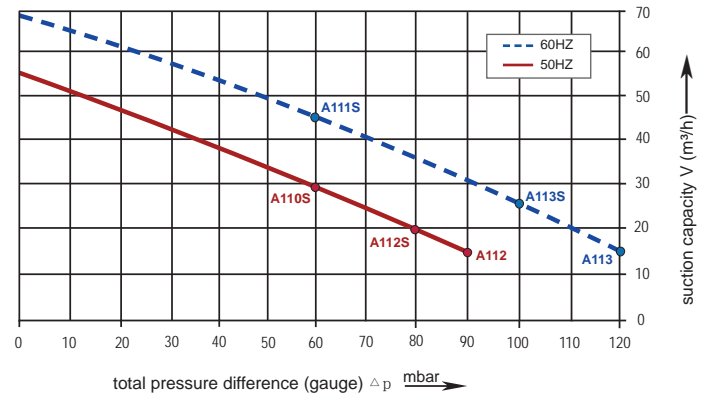
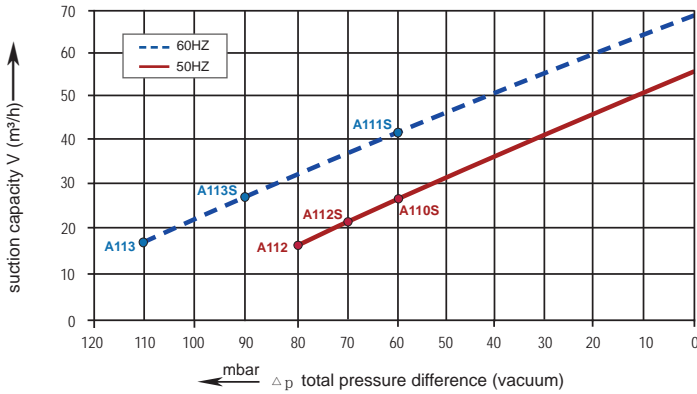


G-2RB

# 2RB 010

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 2RB 010

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	Pressure mbar		

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

A 112	2RB 010-7AH16	50	0.2	200D ... 240D	345Y...415Y	1.75D	1.0Y	-80	90	46	5
A 113	2RB 010-7AH16	60	0.23	220D ... 275D	380Y...480Y	1.75D	1.0Y	-110	120	48	5

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

A 110S	2RB 010-7AA01	50	0.12	230		1.2		-60	60	46	5
A 111S	2RB 010-7AA01	60	0.14	230		1.3		-60	60	48	5
A 112S	2RB 010-7AA11	50	0.2	230		1.5		-70	80	46	6
A 113S	2RB 010-7AA11	60	0.23	230		1.6		-90	100	48	6



Other voltage ranges		
2RB 010-7A □ □		
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 %.

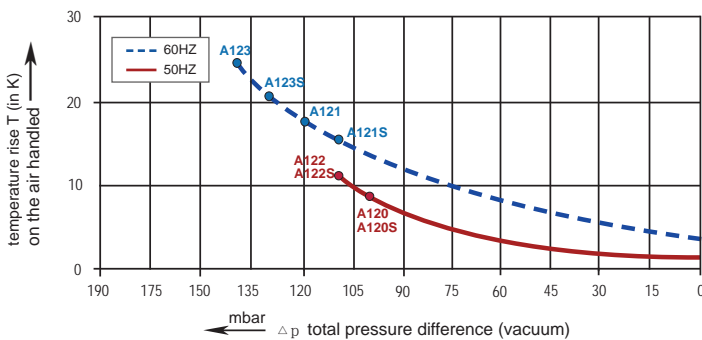
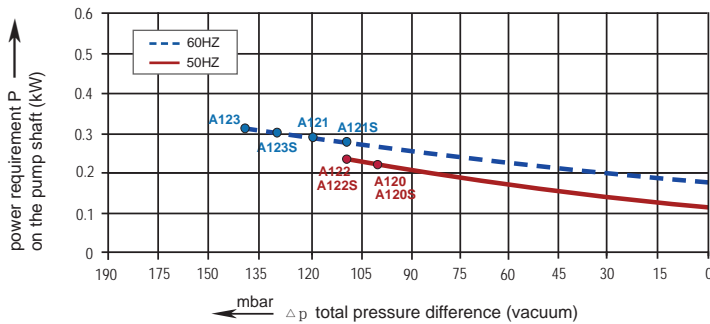
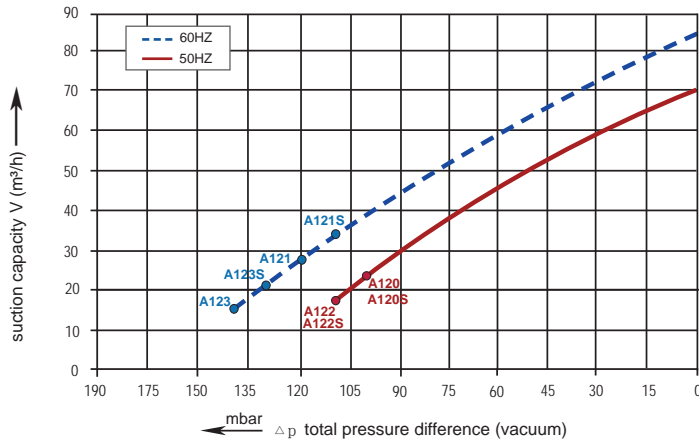
Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

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## G-2RB

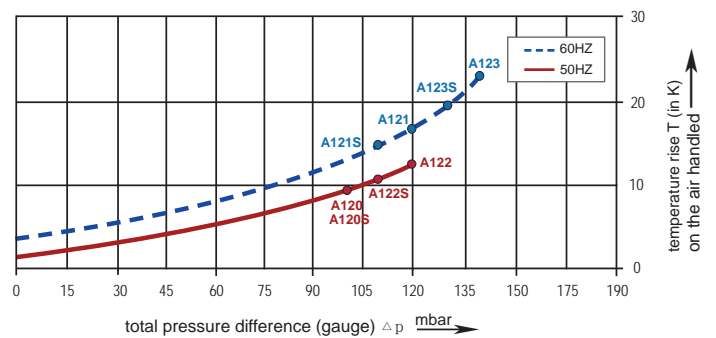
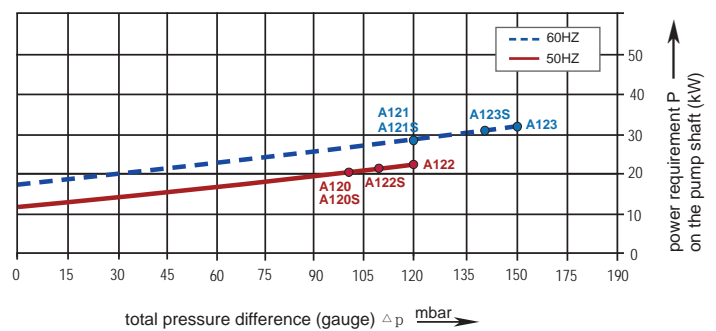
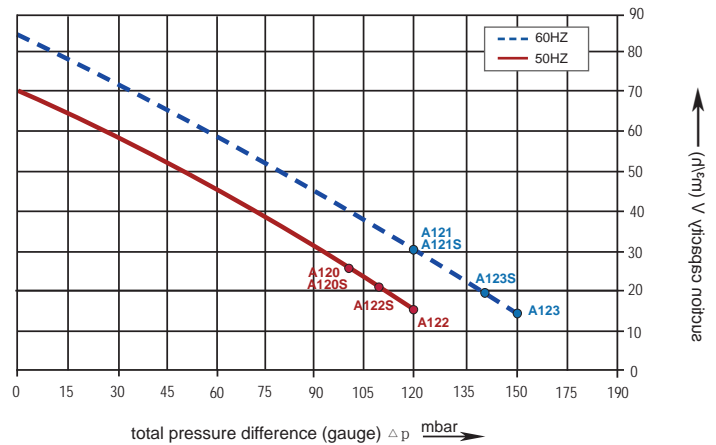
Performance curve for Vacuum pump



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.

## 2RB 110

Performance curve for Compressor



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 2RB 110

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.
						Vacuum mbar	Pressure mbar		
		Hz	kW	V	A			dB(A)	kg

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

A 120	2RB 110-7AH06	50	0.2	200D ... 240D	345Y...415Y	1.75D	1.0Y	-100	100	48	6
A 121	2RB 110-7AH06	60	0.23	220D ... 275D	380Y...480Y	1.75D	1.0Y	-120	120	50	6
A 122	2RB 110-7AH16	50	0.25	200D ... 240D	345Y...415Y	2.1D	1.2Y	-110	120	48	7
A 123	2RB 110-7AH16	60	0.28	220D ... 275D	380Y...480Y	2.0D	1.15Y	-140	150	50	7

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

A 120S	2RB 110-7AA01	50	0.2	230		1.5		-100	100	48	7
A 121S	2RB 110-7AA01	60	0.23	230		1.6		-110	120	50	7
A 122S	2RB 110-7AA11	50	0.25	230		1.7		-110	110	48	8
A 123S	2RB 110-7AA11	60	0.28	230		1.9		-130	140	50	8



Other voltage ranges		
2RB 110-7A □ □		
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 %.

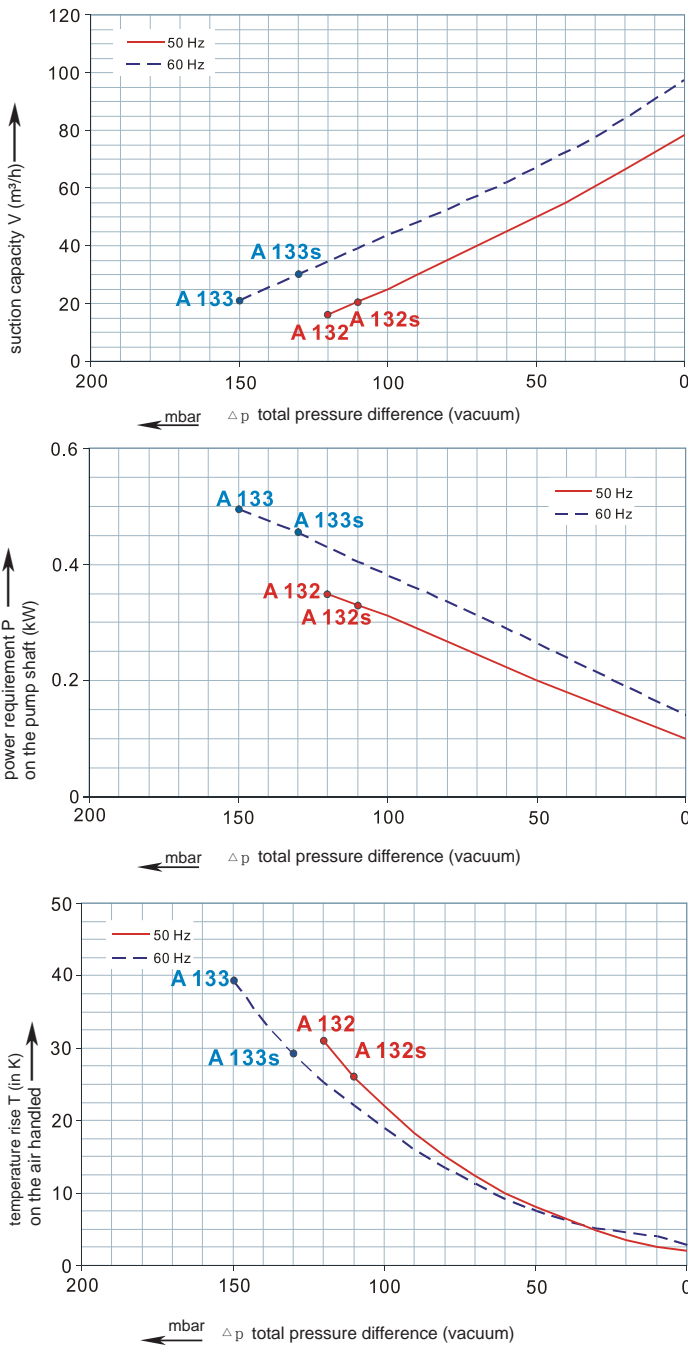
Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

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## G-2RB

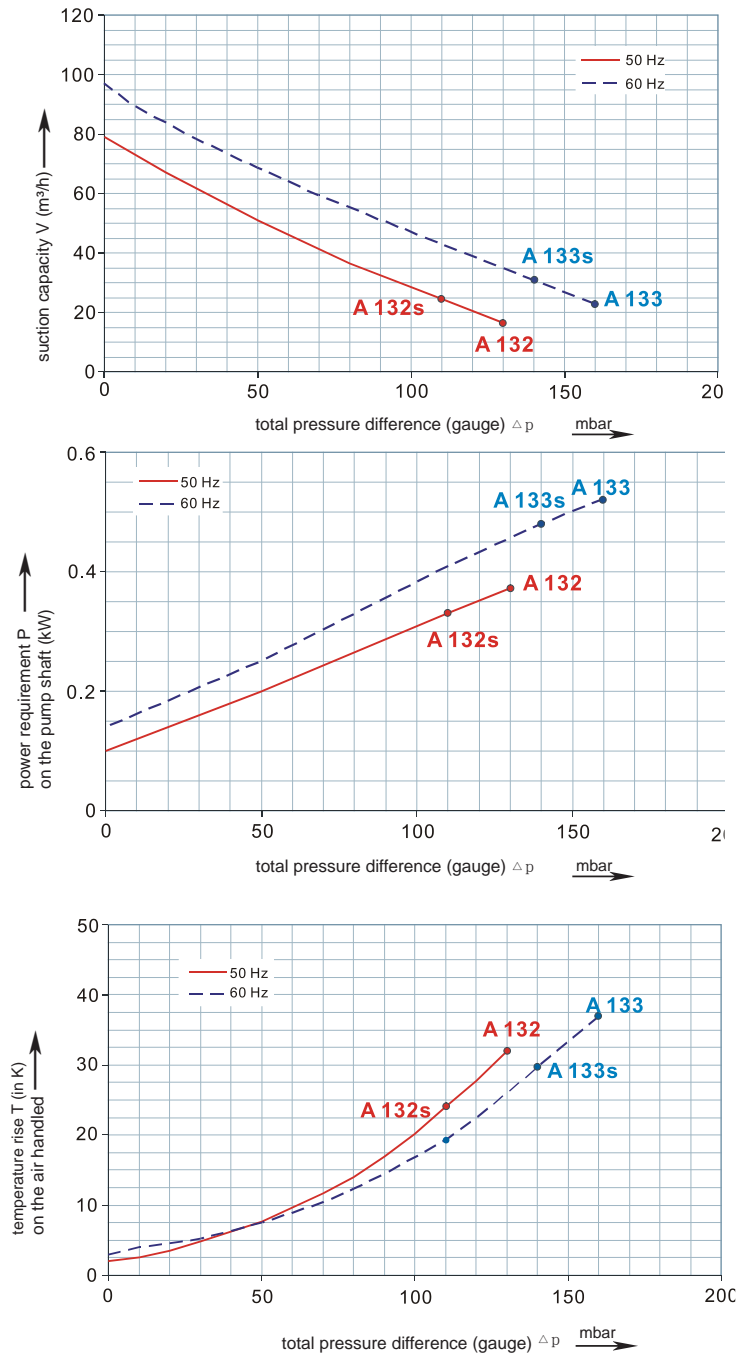
Performance curve for Vacuum pump



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.

## 2RB 210

Performance curve for Compressor



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 2RB210

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			kg

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

A 130	2RB210-7AH06	50	0.25	200D ... 240D	345Y...415Y	2.1D	1.2Y	-100	110	53	9
A 131	2RB210-7AH06	50	0.29	220D ... 275D	380Y...480Y	2.0D	1.15Y	-110	120	56	9
A 132	2RB210-7AH16	50	0.4	200D ... 240D	345Y...415Y	2.6D	1.5Y	-120	130	53	10
A 133	2RB210-7AH16	60	0.5	220D ... 275D	380Y...480Y	2.6D	1.5Y	-150	160	56	10

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

A 132s	2RB210-7AA11	50	0.37	230		2.7		-110	110	53	11
A 133s	2RB210-7AA11	60	0.45	230		3.0		-130	140	56	11
A 134s	2RB210-7AV15	50	0.37	115	230	5.4	2.7	-110	110	53	11
A 135s	2RB210-7AV15	60	0.45	115	230	6.0	3.0	-130	140	56	11



Other voltage ranges		
2RB210-7A □ □		
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 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.

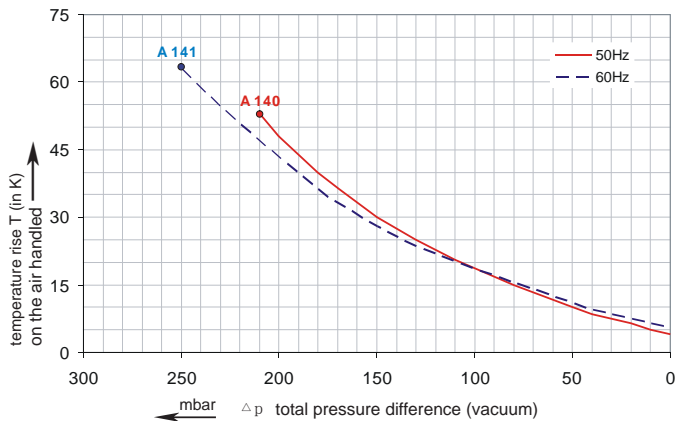
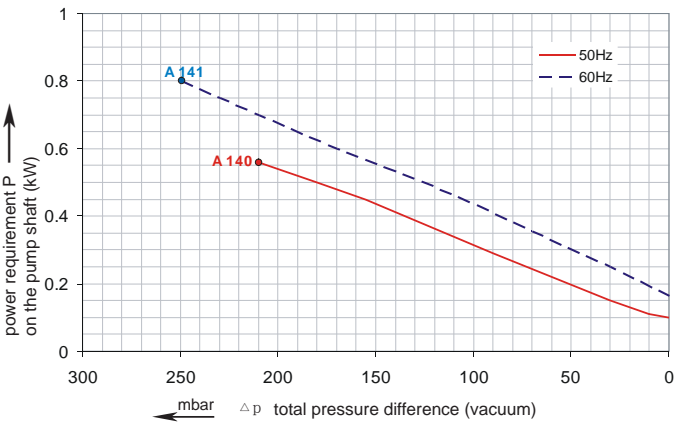
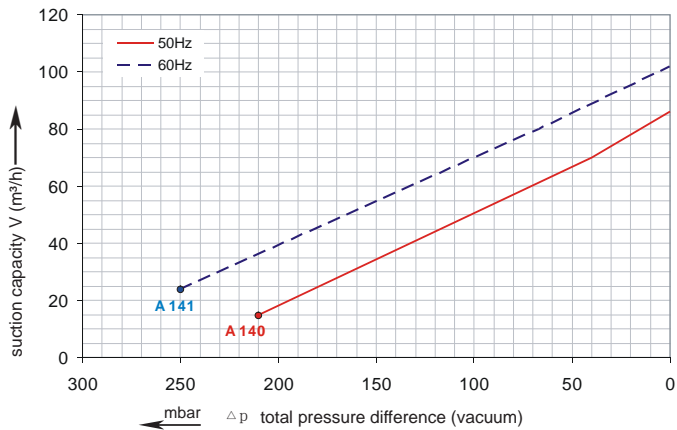
- 1) For standard UL for ELECTRIC MOTOR UL 1004-1.
- 2) Relief-valve are available for limiting differential pressure.
- 3) Measuring-surface sound-pressure level acc. to DIN EN 21680, measured at a distance of 1 m. The pump is throttled to an average suction pressure, a hose is connected to the discharge 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 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.

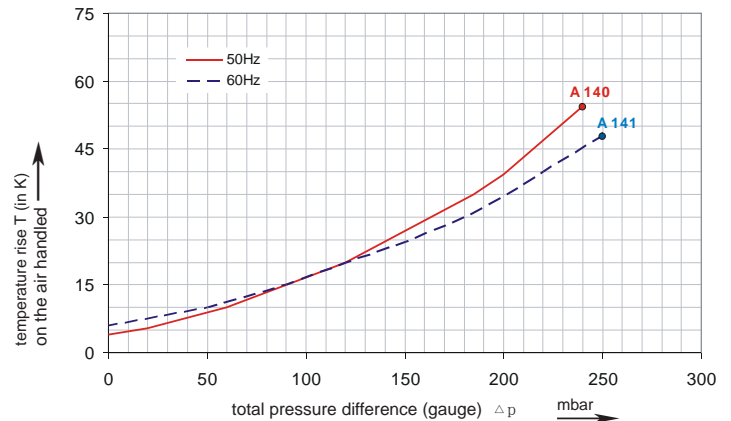
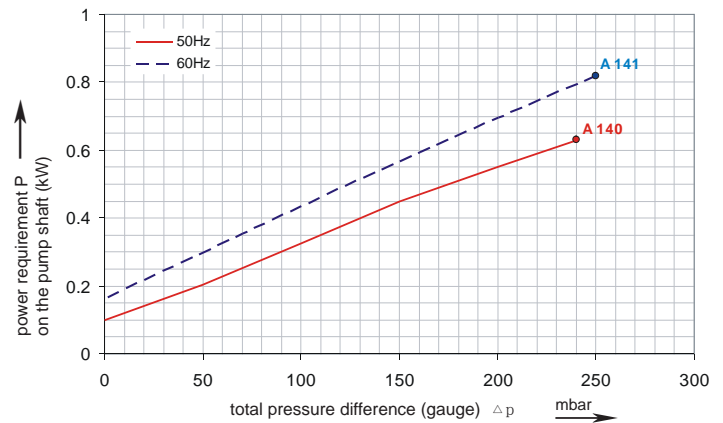
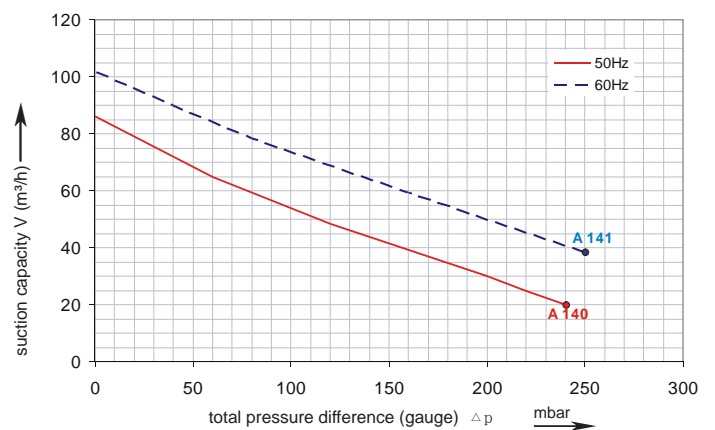
## G-2RB

Performance curve for Vacuum pump



## 2RB 220

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 2RB220

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 isulation material class F 1)

A 140	2RB220-7HH26	50	0.7	200D ... 240D	345Y...415Y	3.8D	2.2Y	-210	240	55	15
A 141	2RB220-7HH26	60	0.83	220D ... 275D	380Y...480Y	3.75D	2.15Y	-250	250	61	15



### Other voltage ranges

2RB220-7H <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

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 %.

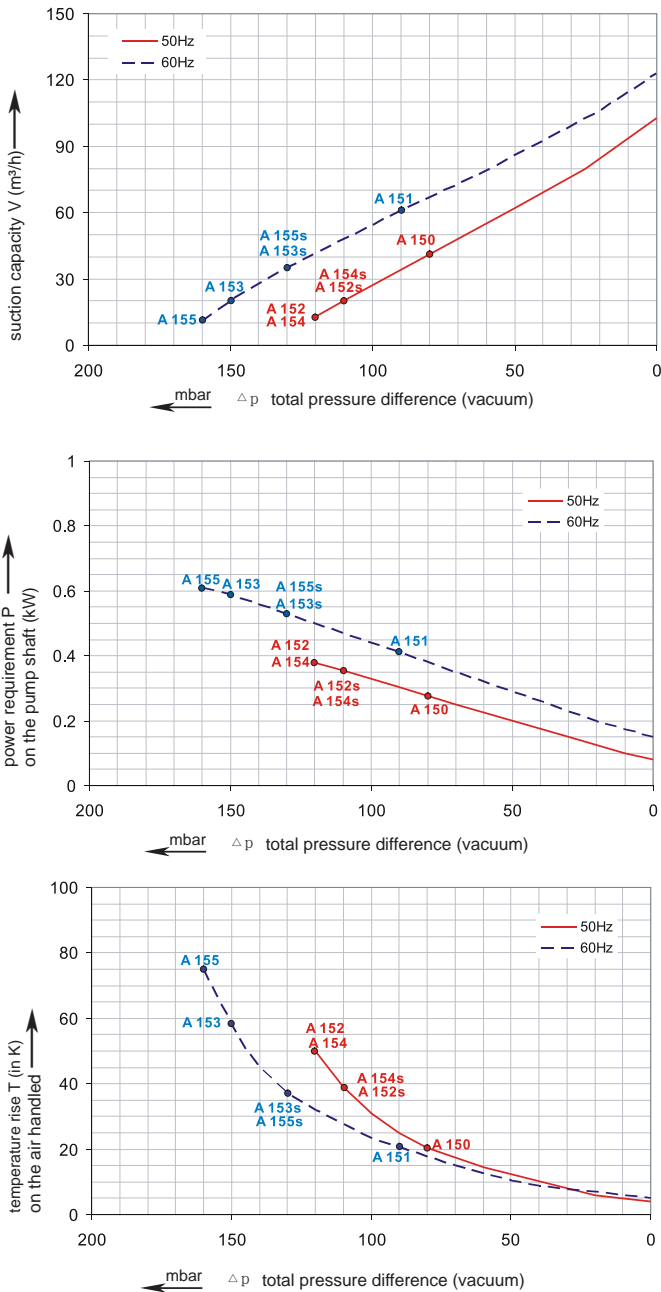
The frequency tolerance is maximum +/- 2 %.

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



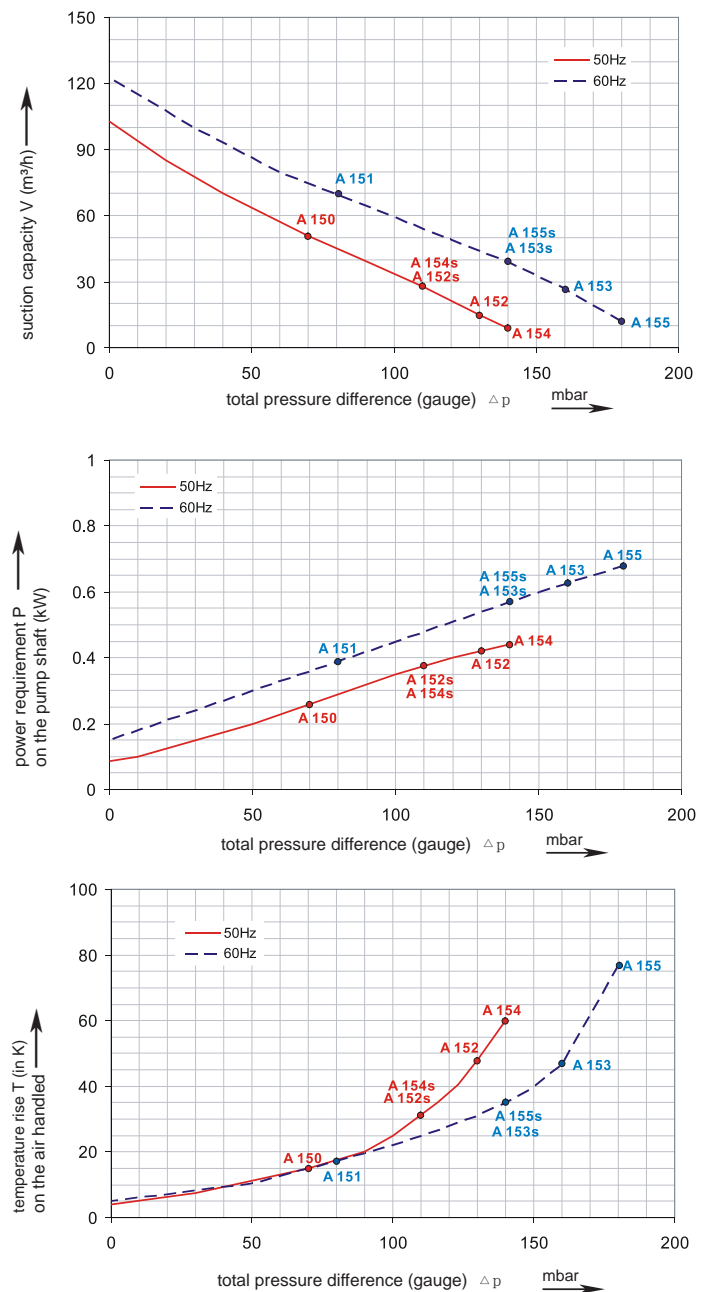
# G-2RB

Performance curve for Vacuum pump



# 2RB 230

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 2RB230

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.
								Vacuum mbar	Compressor mbar		
		Hz	kW	V		A					

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

A 150	2RB230-7AH06	50	0.25	200D ... 240D	345Y...415Y	2.1D	1.2Y	-80	80	54	10
A 151	2RB230-7AH06	60	0.29	220D ... 275D	380Y...480Y	1.7D	1.0Y	-80	80	57	10
A 152	2RB230-7AH16	50	0.4	200D ... 240D	345Y...415Y	2.6D	1.5Y	-120	130	54	11
A 153	2RB230-7AH16	60	0.5	220D ... 275D	380Y...480Y	2.6D	1.5Y	-150	155	57	11
A 154	2RB230-7AH26	50	0.7	200D ... 240D	345Y...415Y	3.8D	2.2Y	-120	130	54	12
A 155	2RB230-7AH26	60	0.83	220D ... 275D	380Y...480Y	3.8D	2.2Y	-165	180	57	12

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

A 152s	2RB230-7AA11	50	0.37	230		2.7		-110	110	54	11
A 153s	2RB230-7AA11	60	0.45	230		3.0		-130	140	57	11
A 154s	2RB230-7AV15	50	0.37	115	230	5.4	2.7	-110	110	54	11
A 155s	2RB230-7AV15	60	0.45	115	230	6.0	3.0	-130	140	57	11



#### Other voltage ranges

2RB230-7A □ □		
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	---	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 %.

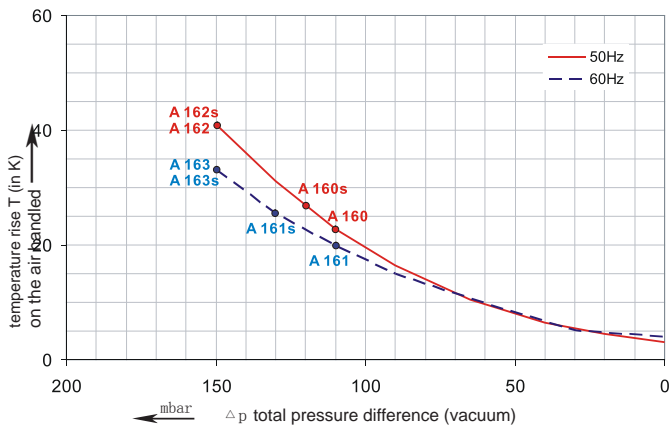
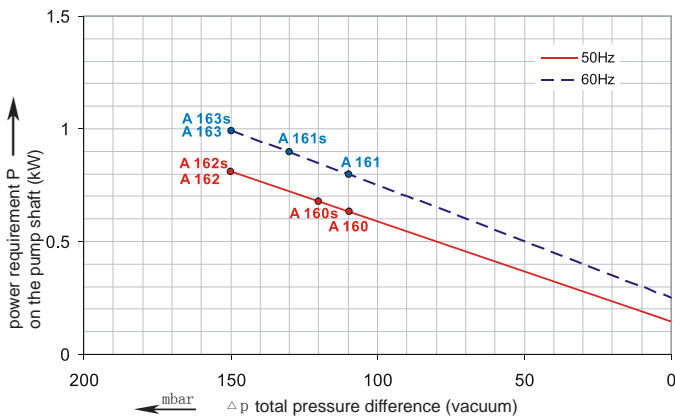
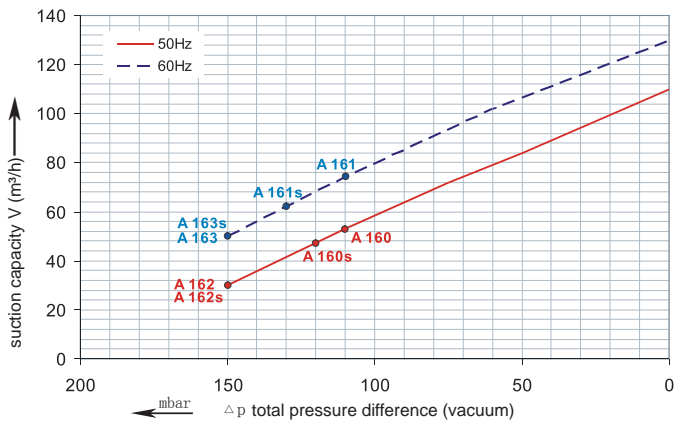
Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

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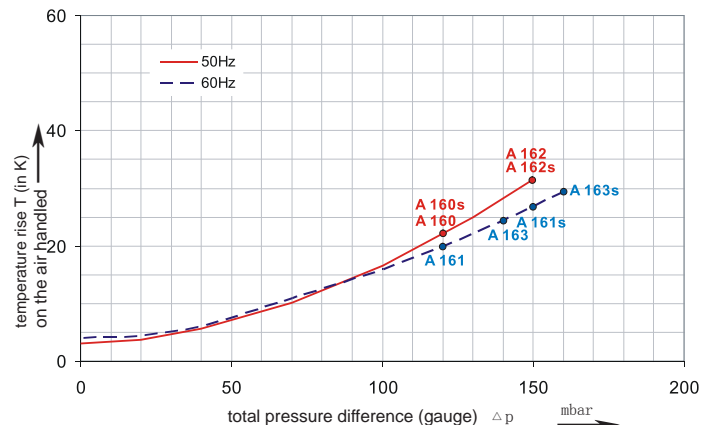
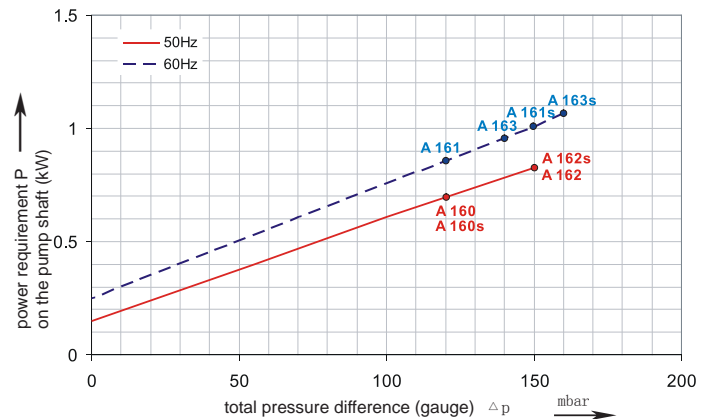
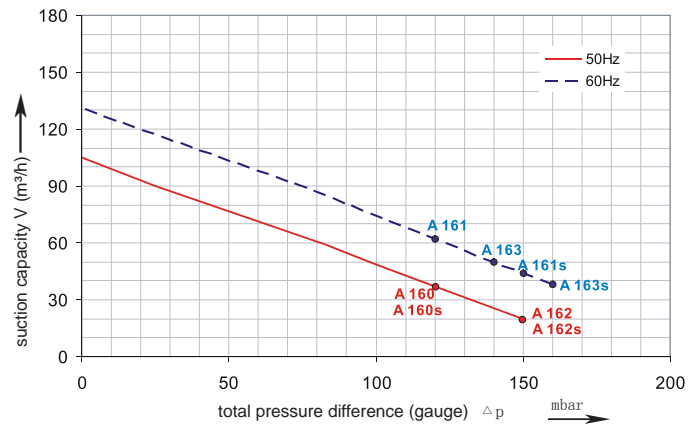
## G-2RB

Performance curve for Vacuum pump



## 2RB 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-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 2RB310

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 160	2RB310-7AH06	50	0.55	200D ... 240D	345Y...415Y	2.8D	1.2Y	-110	120	55	11
A 161	2RB310-7AH06	60	0.63	220D ... 275D	380Y...480Y	3.0D	1.0Y	-110	120	57	11
A 162	2RB310-7AH16	50	0.75	200D ... 240D	345Y...415Y	3.8D	1.5Y	-150	150	55	12
A 163	2RB310-7AH16	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	2RB310-7AA01	50	0.55	230		3.7		-120	120	55	13
A 161s	2RB310-7AA01	60	0.62	230		4.5		-130	150	57	13
A 162s	2RB310-7AA11	50	0.7	230		4.8		-150	150	55	14
A 163s	2RB310-7AA11	60	0.8	230		4.1		-150	160	57	14



#### Other voltage ranges

2RB310-7A □ □		
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~		
230 V	230 V	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 %.

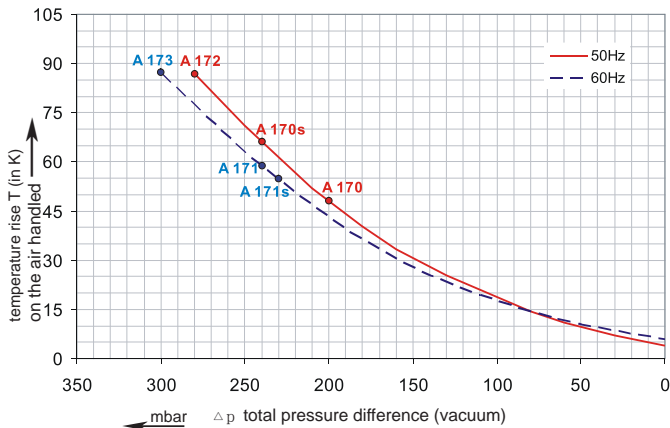
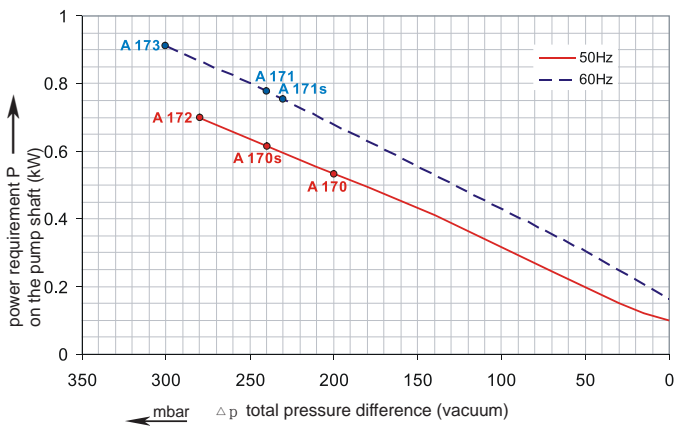
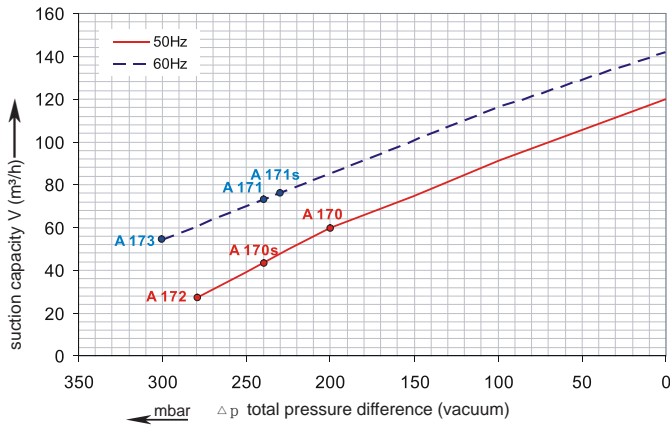
Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

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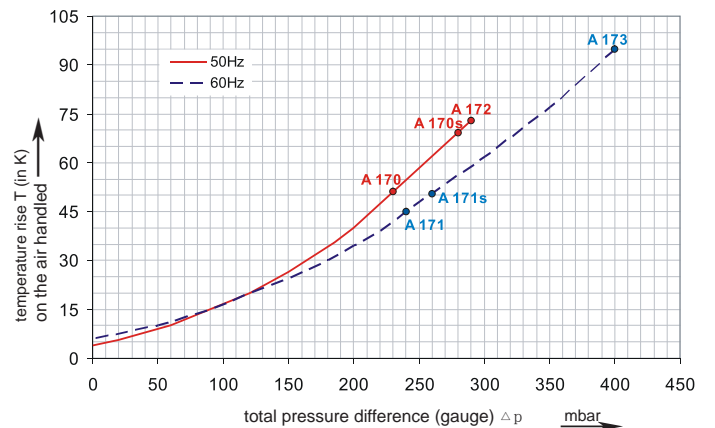
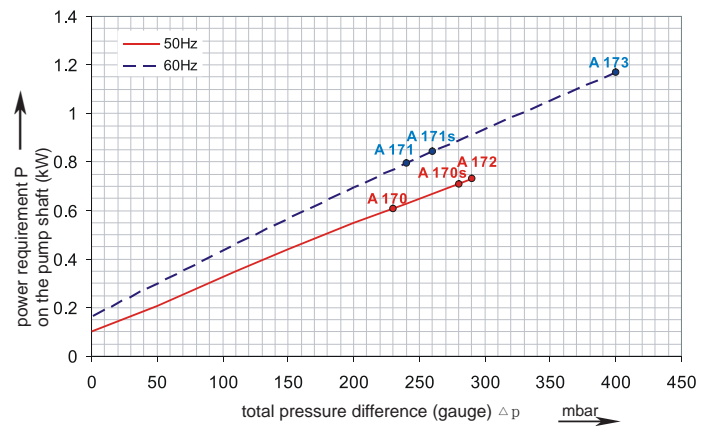
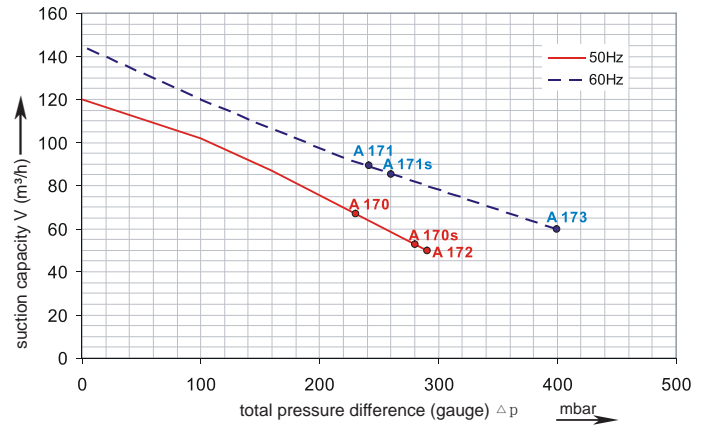
## G-2RB

Performance curve for Vacuum pump



## 2RB 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-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 2RB320

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 isulation material class F 1)

A 170	2RB320-7HH26	50	0.85	200D ... 240D	345Y...415Y	4.2D	2.4Y	-200	230	58	17
A 171	2RB320-7HH26	60	0.95	220D ... 275D	380Y...480Y	4.0D	2.3Y	-240	240	60	17
A 172	2RB320-7HH36	50	1.3	200D ... 240D	345Y...415Y	5.7D	3.3Y	-280	290	58	18
A 173	2RB320-7HH36	60	1.5	220D ... 275D	380Y...480Y	6.0D	3.5Y	-300	400	60	18

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

A 170s	2RB320-7HA31	50	1.1	230		7.3		-240	280	58	17
A 171s	2RB320-7HA31	60	1.3	230		8.3		-230	260	60	17



#### Other voltage ranges

2RB320-7H <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~		
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 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 %.

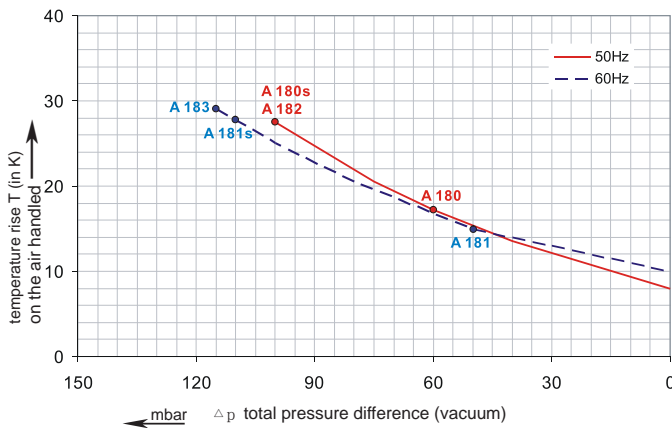
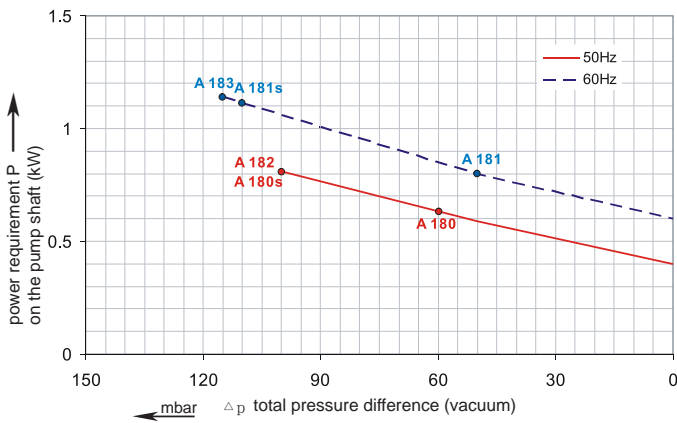
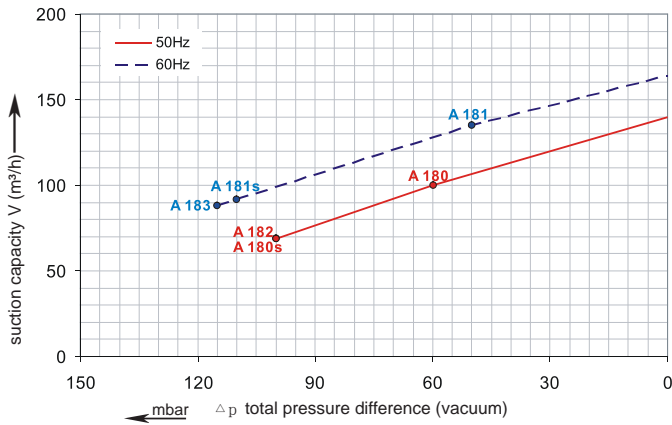
Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

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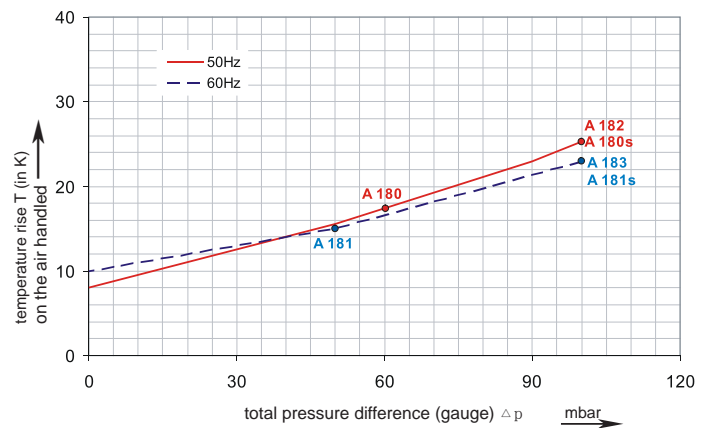
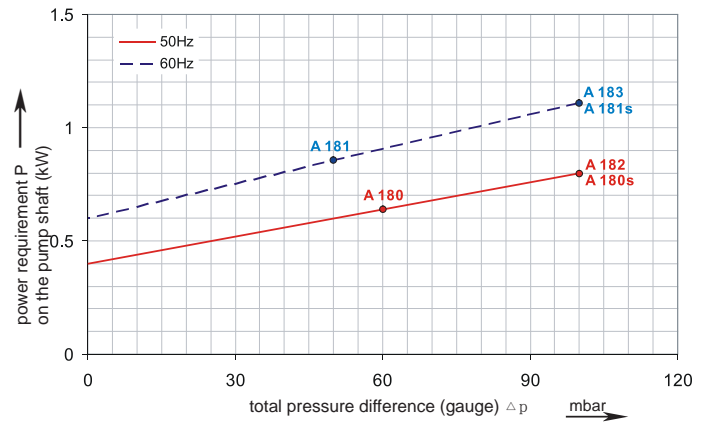
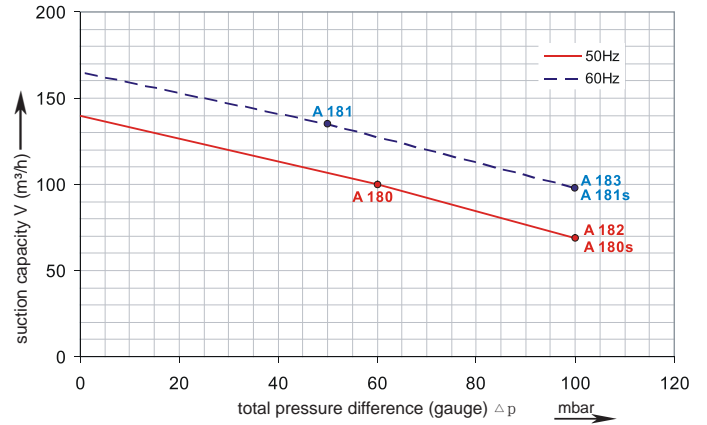
# G-2RB

Performance curve for Vacuum pump



# 2RB 330

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 2RB330

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 insulation material class F 1)

A 180	2RB330-7AH06	50	0.55	200D ... 240D	345Y...415Y	2.8D	1.6Y	-60	60	56	12
A 181	2RB330-7AH06	60	0.63	220D ... 275D	380Y...480Y	3.0D	1.7Y	-50	50	58	12
A 182	2RB330-7AH16	50	0.75	200D ... 240D	345Y...415Y	3.8D	2.2Y	-100	100	56	13
A 183	2RB330-7AH16	60	0.83	220D ... 275D	380Y...480Y	3.8D	2.2Y	-115	100	58	13

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

A 180s	2RB330-7AA11	50	0.7	230		4.8		-100	100	56	14
A 181s	2RB330-7AA11	60	0.8	230		4.1		-110	100	68	14



#### Other voltage ranges

2RB330-7A □ □		
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~		
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 %.

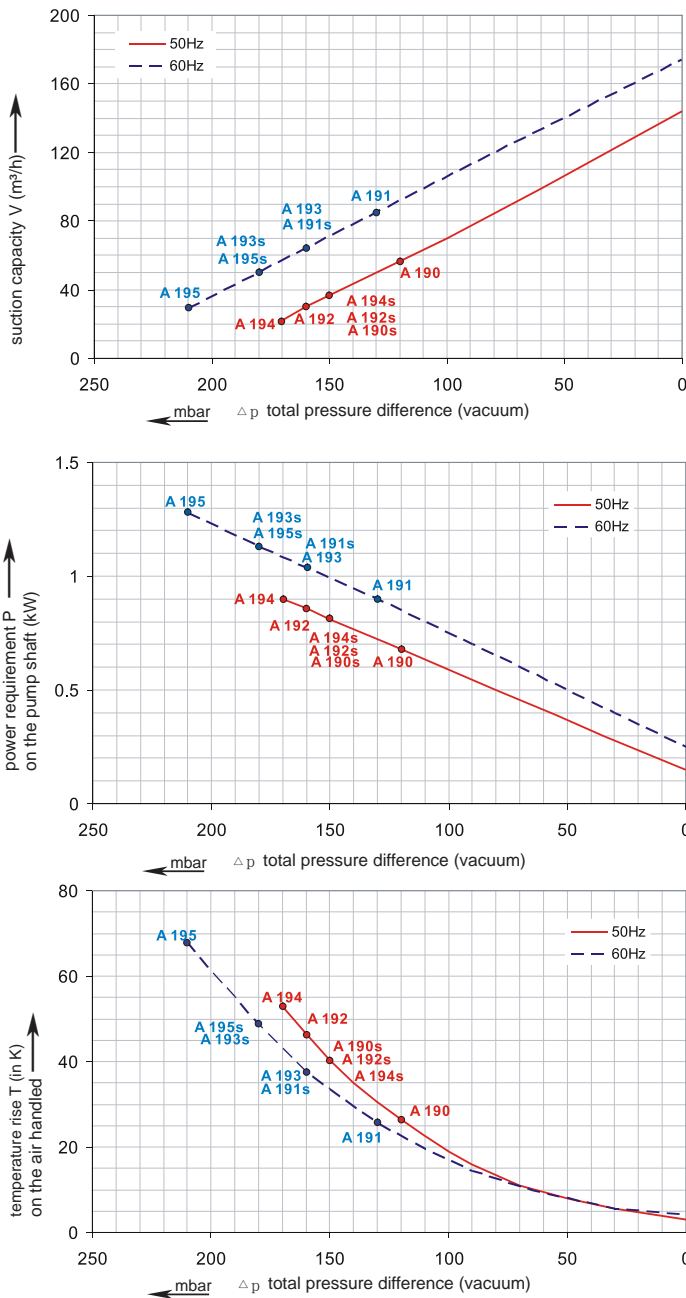
The frequency tolerance is maximum +/- 2 %.

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



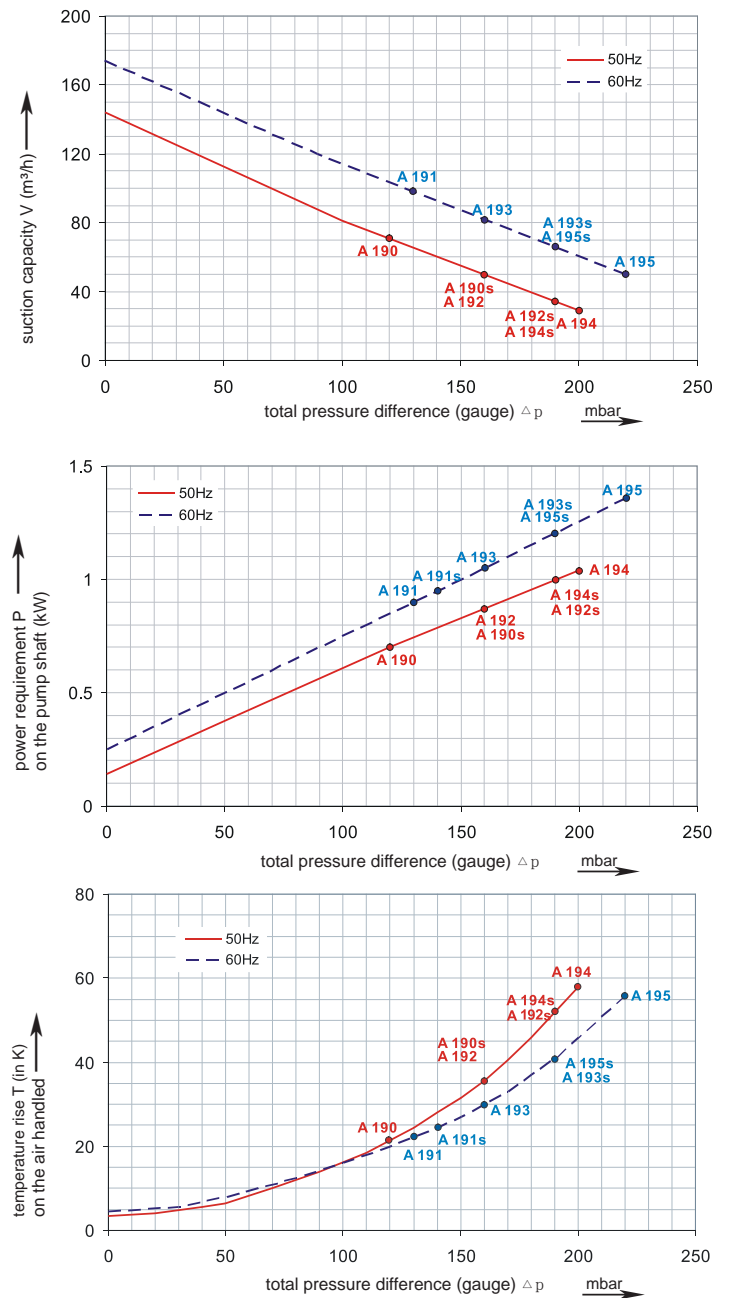
# G-2RB

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.
								Vacuum mbar	Compressor mbar		
		Hz	kW	V		A					

#### 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

<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	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 %.

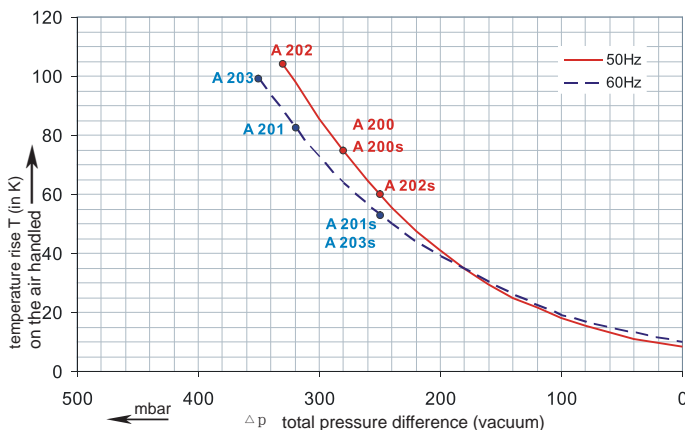
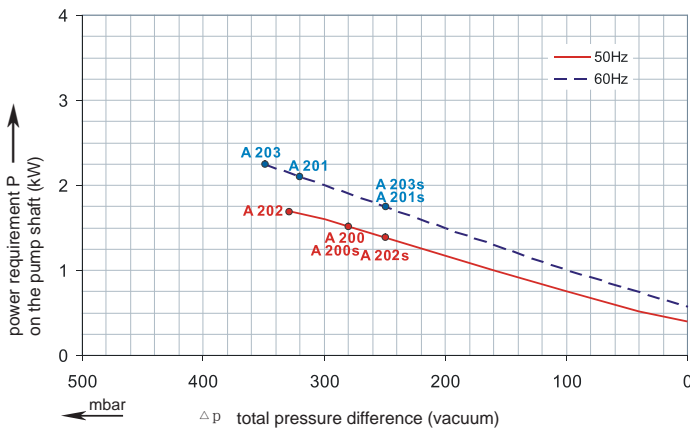
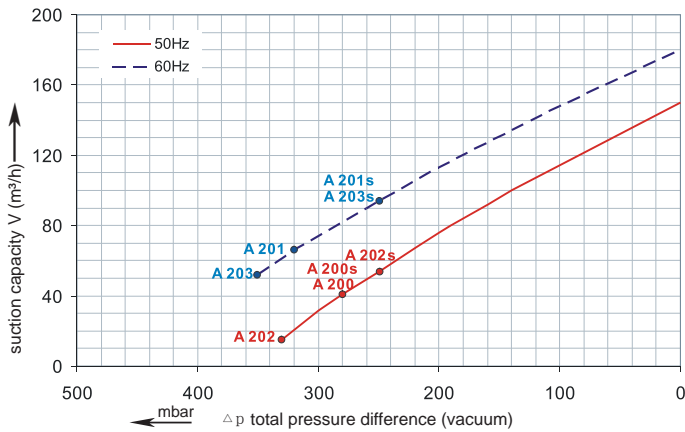
For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

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

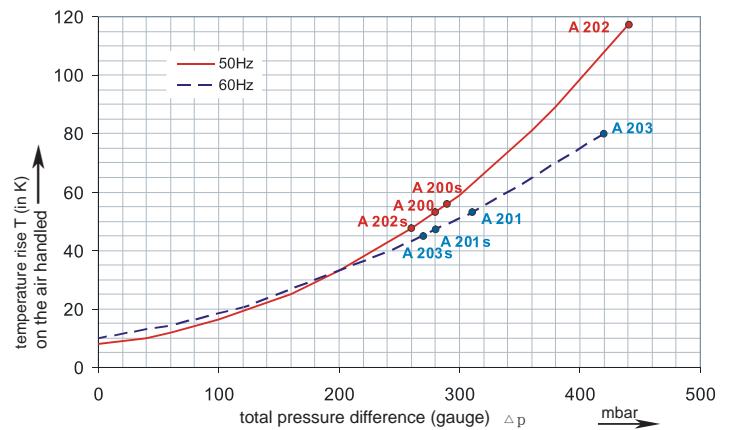
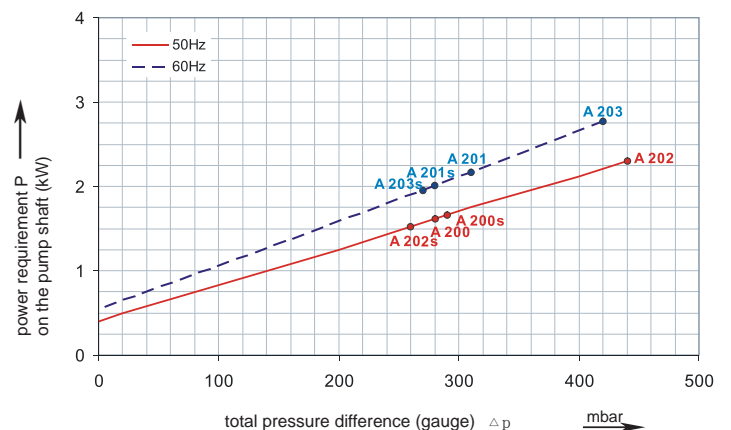
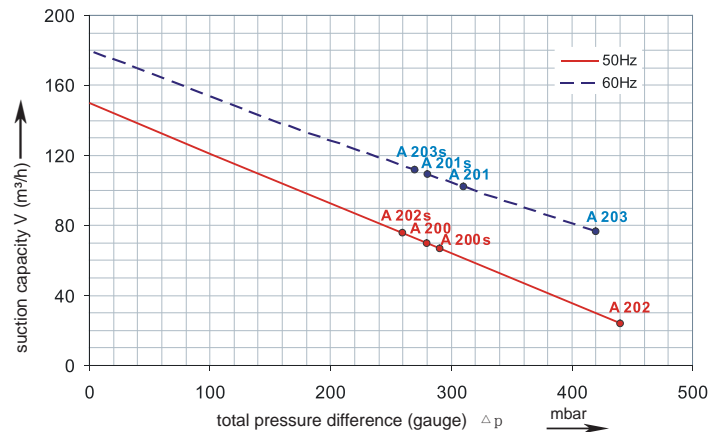
## G-2RB

Performance curve for Vacuum pump



## 2RB 420

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 2RB420

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)

A 200	2RB420-7HH36	50	1.6	200D ... 240D	345Y...415Y	8.5D	4.3Y	-280	280	66	25
A 201	2RB420-7HH36	60	2.05	220D ... 275D	380Y...480Y	7.6D	4.4Y	-320	310	69	25
A 202	2RB420-7HH46	50	2.2	200D ... 240D	345Y...415Y	9.7D	5.6Y	-330	440	66	27
A 203	2RB420-7HH46	60	2.55	220D ... 275D	380Y...480Y	10.0D	5.8Y	-350	420	69	27

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

A 200s	2RB420-7HA31	50	1.5	230		9		-280	290	66	26
A 201s	2RB420-7HA31	60	1.75	230		10		-250	280	69	26
A 202s	2RB420-7AV45	50	1.5	115	230	22	11	-250	260	66	27
A 203s	2RB420-7AV45	60	1.75	115	230	24	12	-250	270	69	27



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.

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.		
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.

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 continuousoperating then the allowed voltage range add to +/- 10 %.

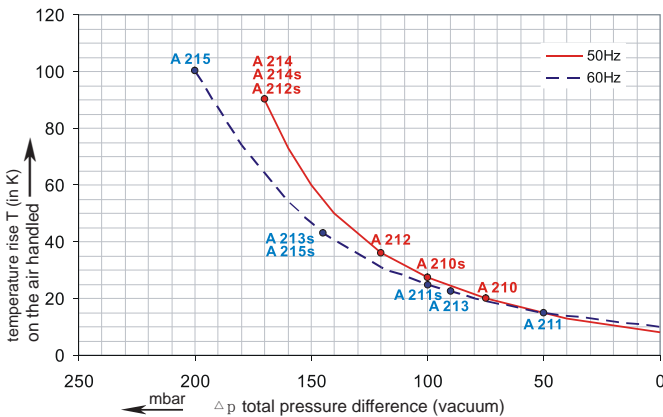
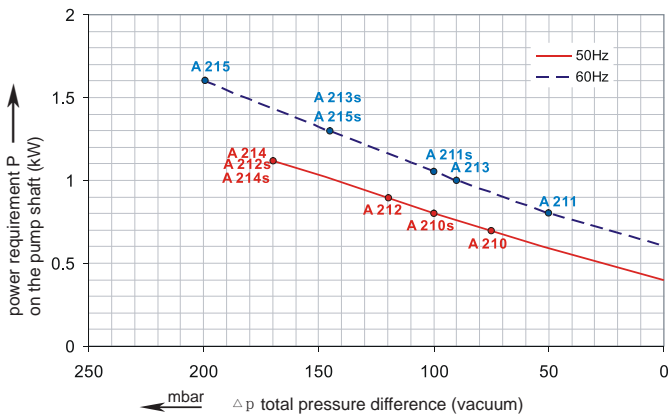
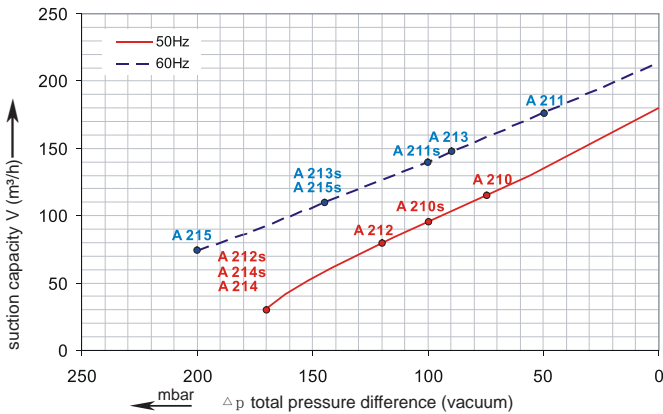
For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

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

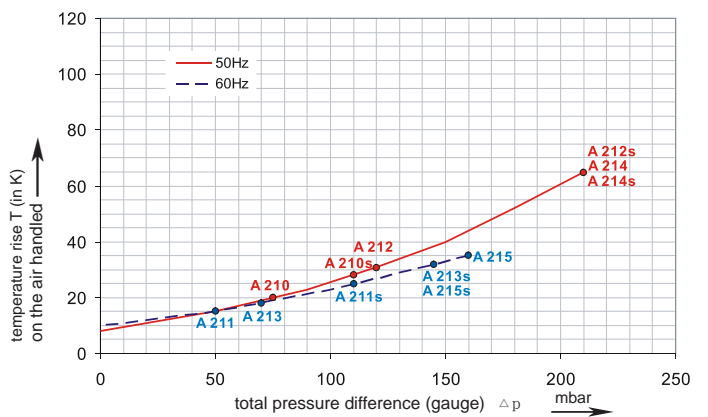
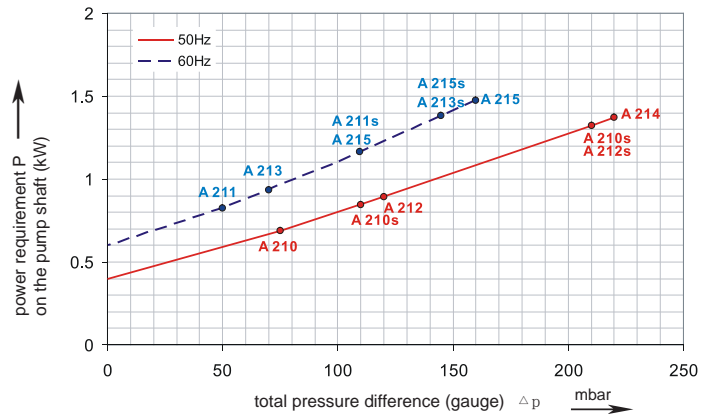
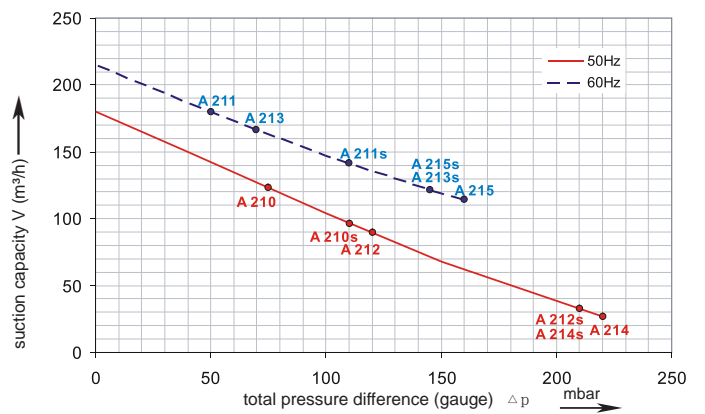
# G-2RB

Performance curve for Vacuum pump



# 2RB 430

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 2RB430

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 isulation material class F 1)

A 210	2RB430-7AH06	50	0.7	200D ... 240D	345Y...415Y	3.8D	2.2Y	-75	75	64	14
A 211	2RB430-7AH06	60	0.83	220D ... 275D	380Y...480Y	3.8D	2.2Y	-50	50	65	14
A 212	2RB430-7AH16	50	0.85	200D ... 240D	345Y...415Y	4.2D	2.4Y	-120	120	64	17
A 213	2RB430-7AH16	60	0.95	220D ... 275D	380Y...480Y	4.0D	2.3Y	-90	70	65	17
A 214	2RB430-7AH26	60	1.3	200D ... 240D	345Y...415Y	6.6D	3.8Y	-170	210	64	18
A 215	2RB430-7AH26	60	1.5	220D ... 275D	380Y...480Y	6.9D	4.0Y	-200	160	65	18

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

A 210s	2RB430-7AA11	50	0.8	230		5.2		-100	110	64	16
A 211s	2RB430-7AA11	60	0.9	230		5.8		-100	110	66	16
A 212s	2RB430-7AA21	50	1.1	230		7.3		-170	210	64	17
A 213s	2RB430-7AA21	60	1.3	230		8.3		-145	145	66	17
A 214s	2RB430-7AV25	50	1.1	115	230	14.6	7.3	-170	210	64	16
A 215s	2RB430-7AV25	60	1.3	115	230	16.6	8.3	-145	145	65	16



#### 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	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 %.

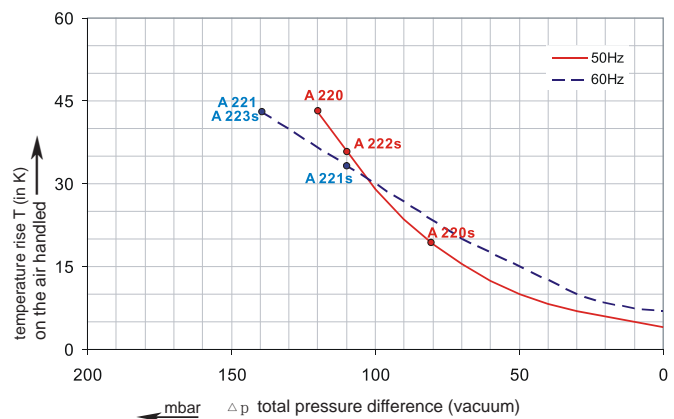
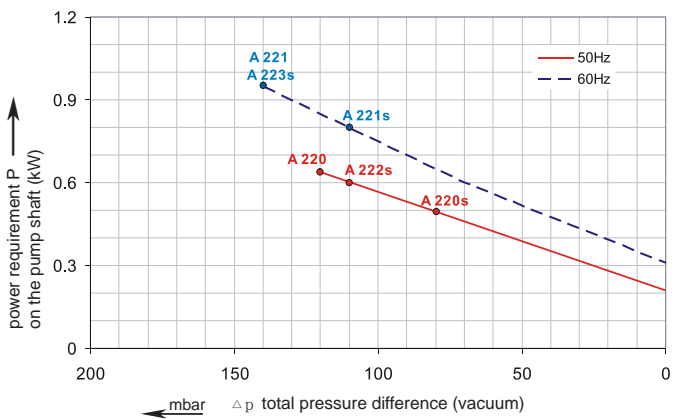
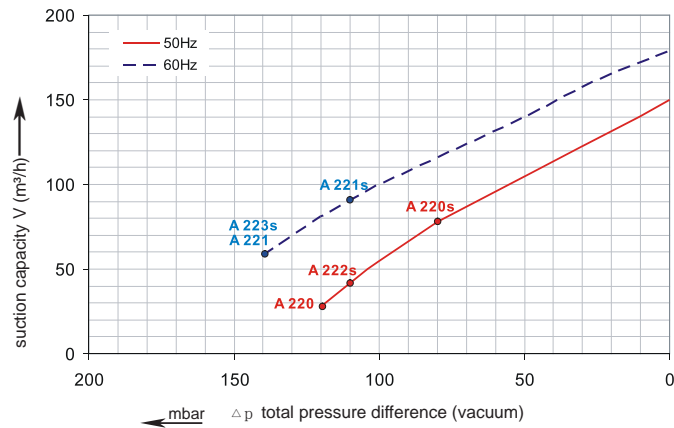
Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

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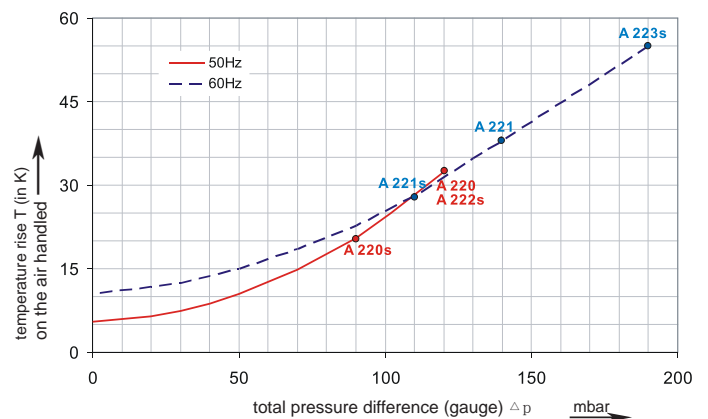
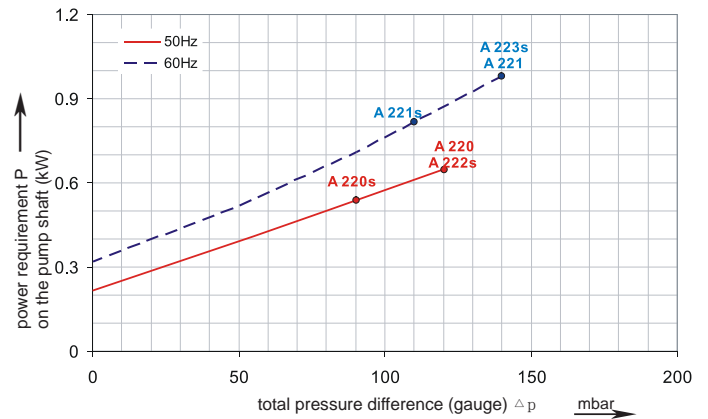
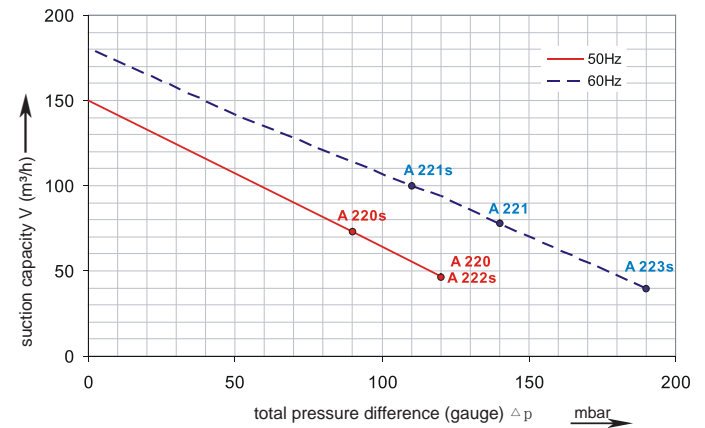
## G-2RB

Performance curve for Vacuum pump



## 2RB 490

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 2RB490

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 220	2RB490-7AH16	50	0.6	200D ... 240D	345Y...415Y	2.8D	1.6Y	-120	120	63	14
A 221	2RB490-7AH16	60	0.85	220D ... 275D	380Y...480Y	3.6D	2.1Y	-140	140	64	14
<b>1~ 50/60 Hz IP55 with attached condenser for continuous operation</b>											
A 222s	2RB490-7AV25	50	1.1	115	230	14.6	7.3	-110	120	63	17
A 223s	2RB490-7AV25	60	1.3	115	230	16.6	8.3	-140	190	64	17
<b>1~ 50 Hz IP55 with attached condenser for continuous operation</b>											
A 220s	2RB490-7AA11	50	0.5	230		4.1		-80	90	63	16
A 221s	2RB490-7AB16	60	0.62	115		10		-110	110	64	16



### Other voltage ranges

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	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.		
<b>1~</b>		
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.

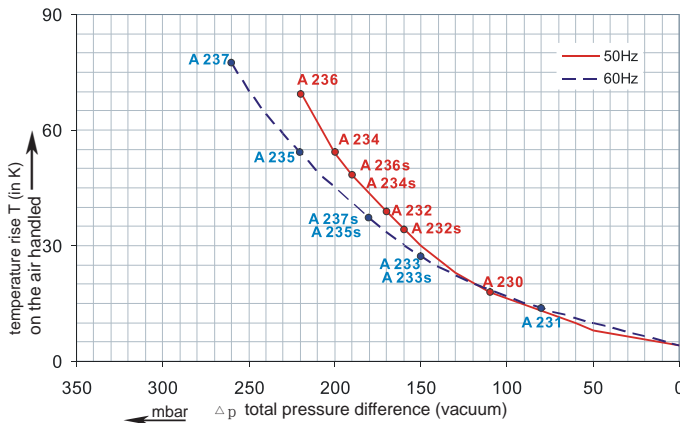
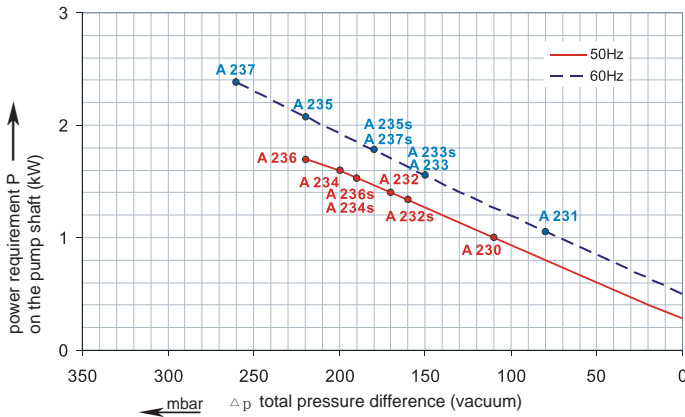
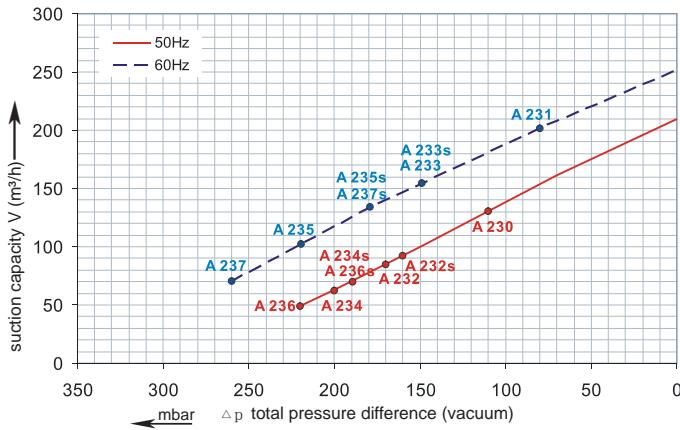
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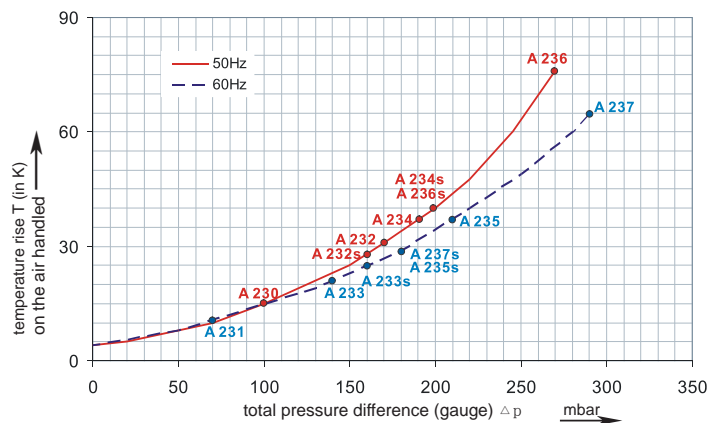
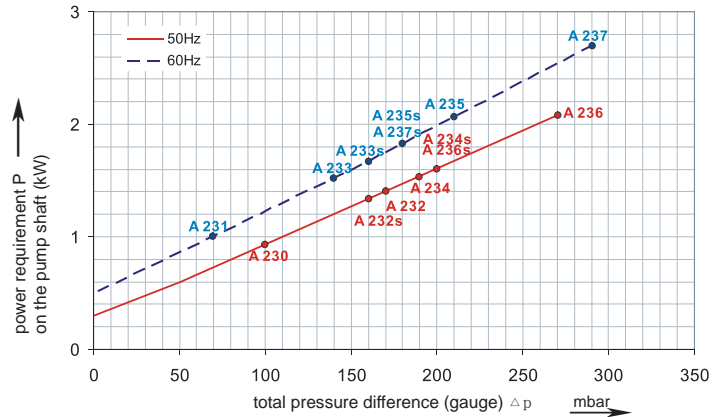
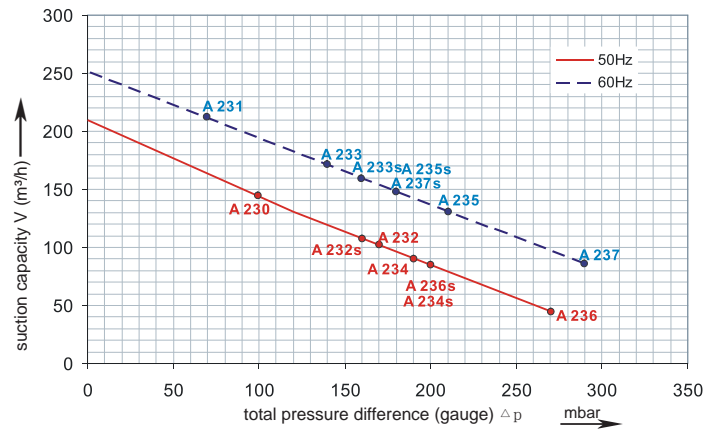
# G-2RB

Performance curve for Vacuum pump



# 2RB 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-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

<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	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 %.

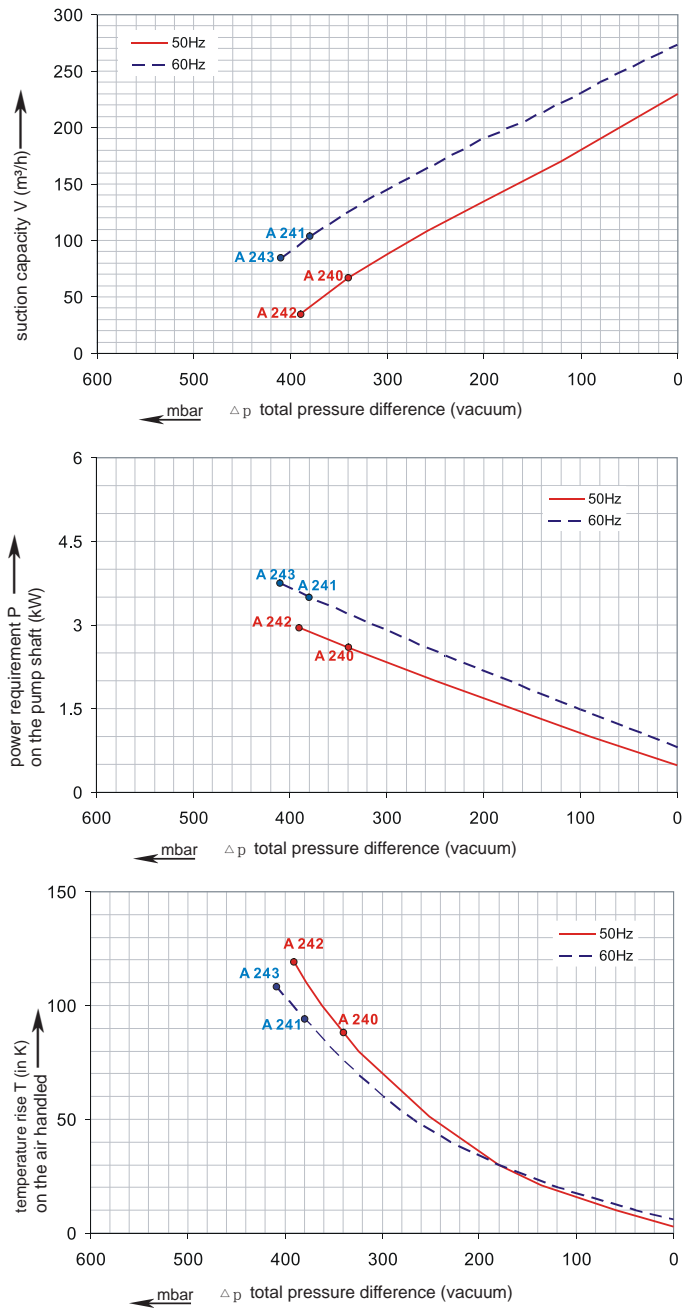
For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

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

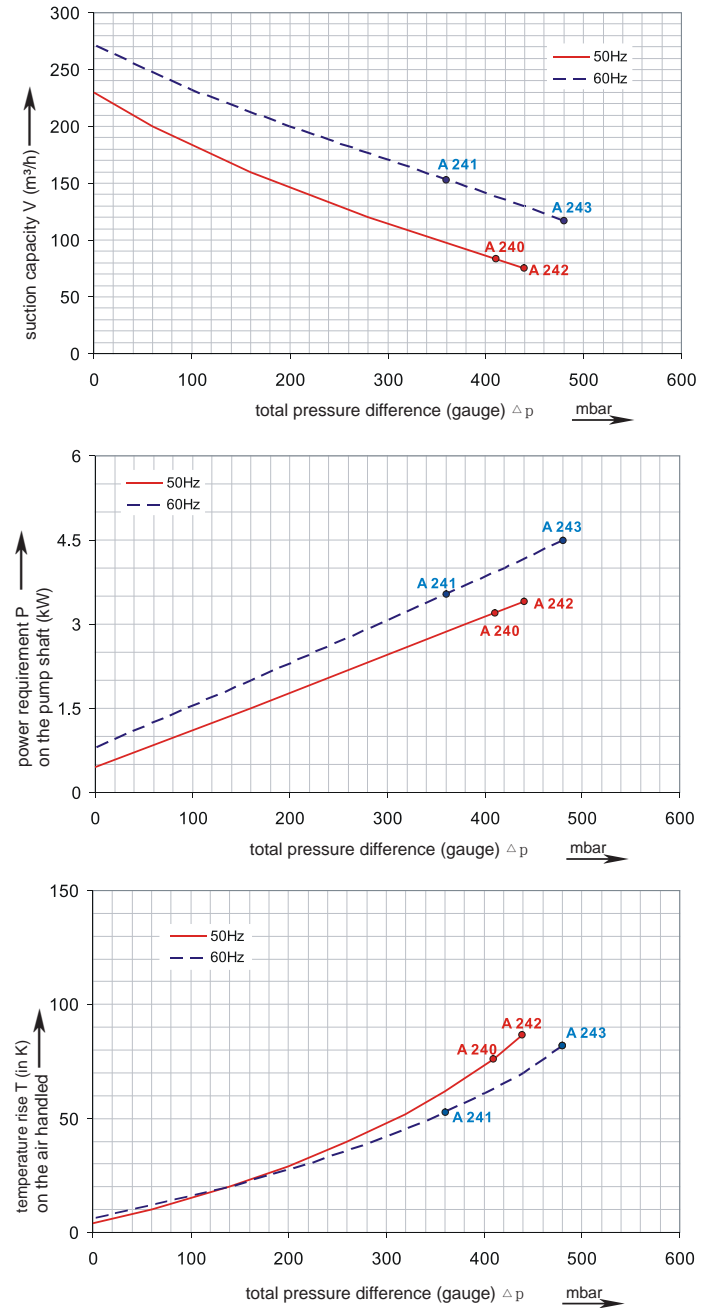
## G-2RB

Performance curve for Vacuum pump



## 2RB 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-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 2RB520

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 isulation material class F 1)

A 240	2RB520-7HH46	50	3.0	200D ... 240D	345Y...415Y	12.5D	7.2Y	-340	410	72	40
A 241	2RB520-7HH46	60	3.45	220D ... 275D	380Y...480Y	12.6D	7.3Y	-380	360	74	40
A 242	2RB520-7HH57	50	4.0	345D ... 415D	600Y...720Y	10.0D	5.8Y	-390	440	72	44
A 243	2RB520-7HH57	60	4.6	380D ... 480D	600Y...720Y	9.9D	5.71Y	-410	480	74	44



#### 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-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 %.

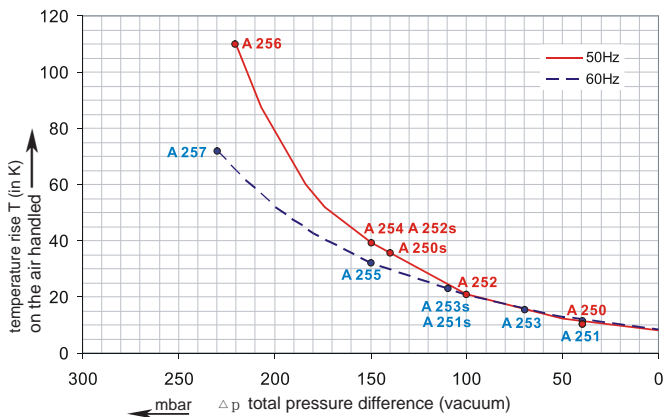
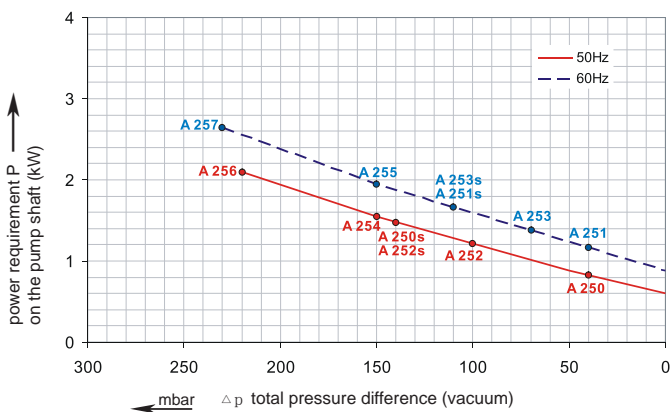
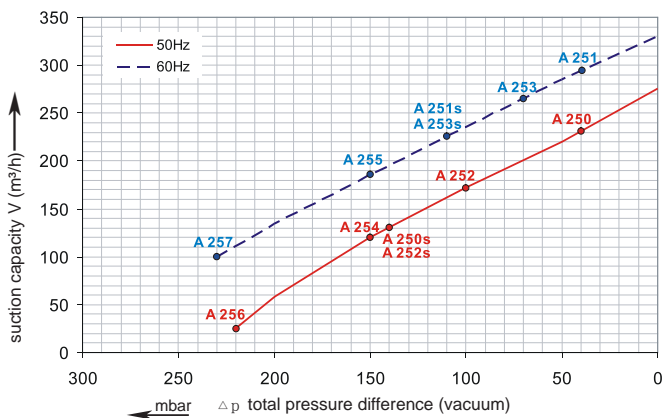
For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

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

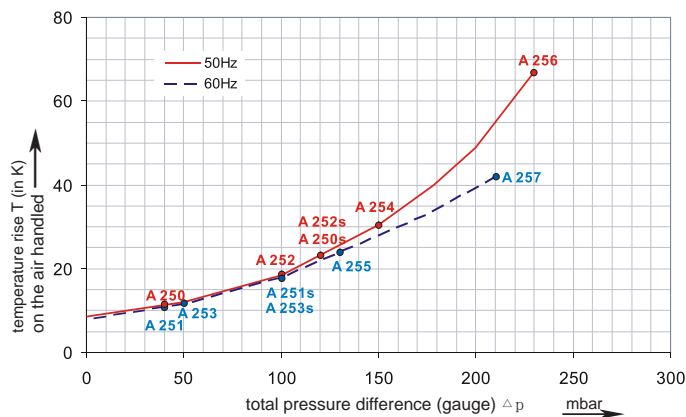
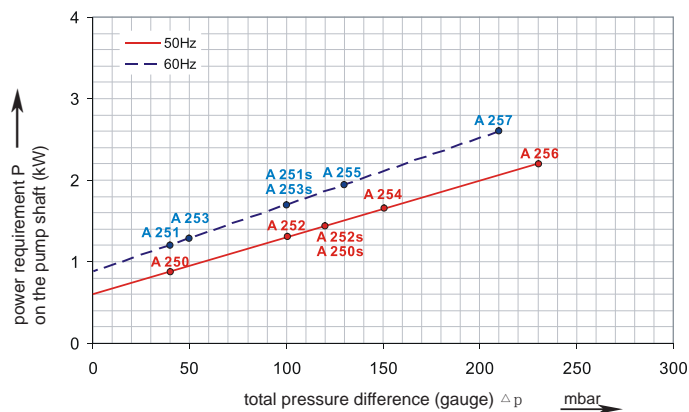
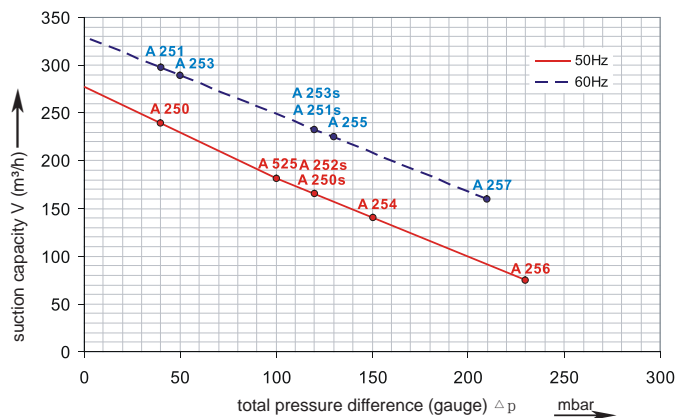
# G-2RB

Performance curve for Vacuum pump



# 2RB 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-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 2RB530

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 insulation material class F 1)

A 250	2RB530-7AH06	50	0.85	200D ... 240D	345Y...415Y	4.0D	2.3Y	-40	40	65	21
A 251	2RB530-7AH06	60	0.95	220D ... 275D	380Y...480Y	4.2D	2.4Y	-40	40	71	21
A 252	2RB530-7AH16	50	1.3	200D ... 240D	345Y...415Y	6.6D	3.8Y	-100	100	65	23
A 253	2RB530-7AH16	60	1.5	220D ... 275D	380Y...480Y	6.9D	4.0Y	-70	50	71	23
A 254	2RB530-7AH26	50	1.6	200D ... 240D	345Y...415Y	7.5D	4.3Y	-150	150	65	24
A 255	2RB530-7AH26	60	2.05	220D ... 275D	380Y...480Y	7.6D	4.4Y	-150	130	71	24
A 256	2RB530-7AH36	50	2.2	200D ... 240D	345Y...415Y	9.7D	5.6Y	-220	230	65	26
A 257	2RB530-7AH36	60	2.55	220D ... 275D	380Y...480Y	10.3D	6.0Y	-230	210	71	26

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

A 250s	2RB530-7AA21	50	1.5	230		9		-140	120	65	26
A 251s	2RB530-7AA21	60	1.75	230		10		-110	100	71	26
A 252s	2RB530-7AV35	50	1.5	115	230	22.0	11.0	-140	120	65	26
A 253s	2RB530-7AV35	60	1.75	115	230	24.0	12.0	-110	100	71	26



#### 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.		
1~		
100 / 200 V	100 / 200 V	V 4
115 / 230 V	115 / 230 V	V 5
230 V	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 %.

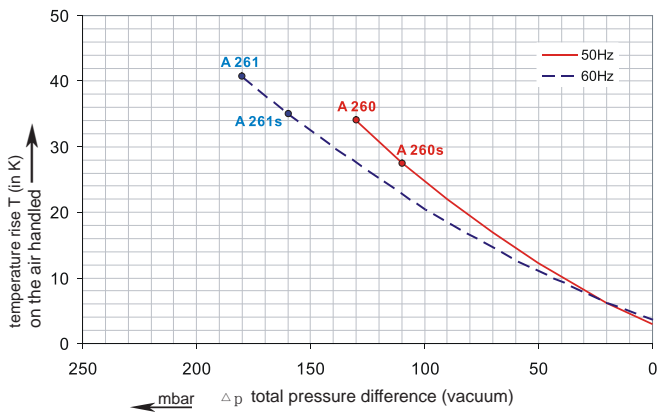
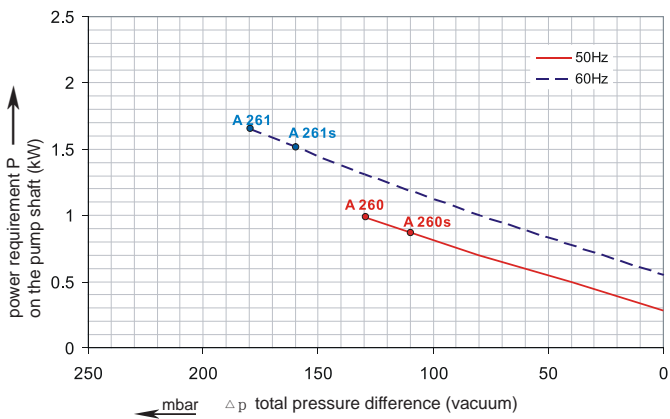
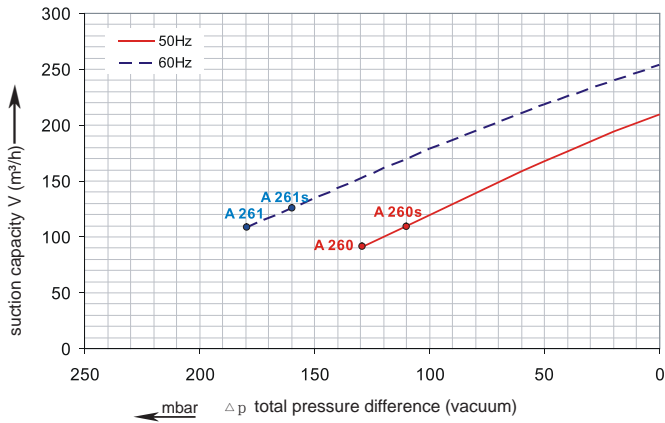
Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

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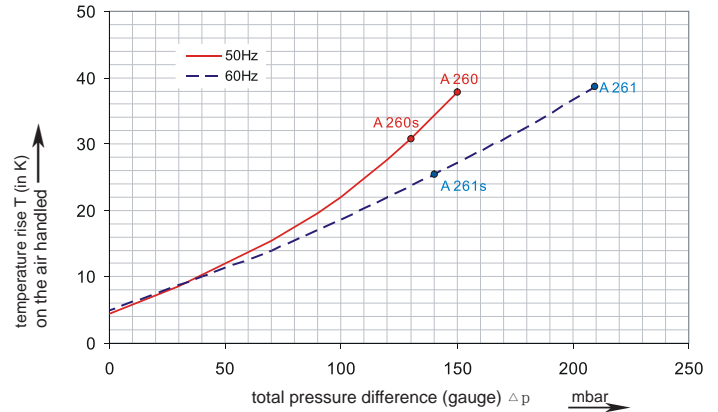
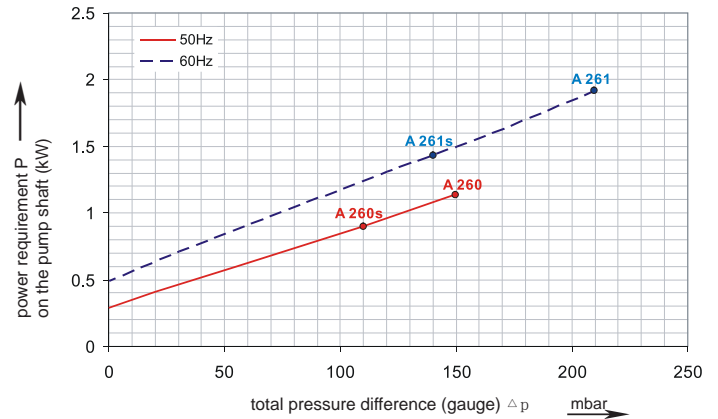
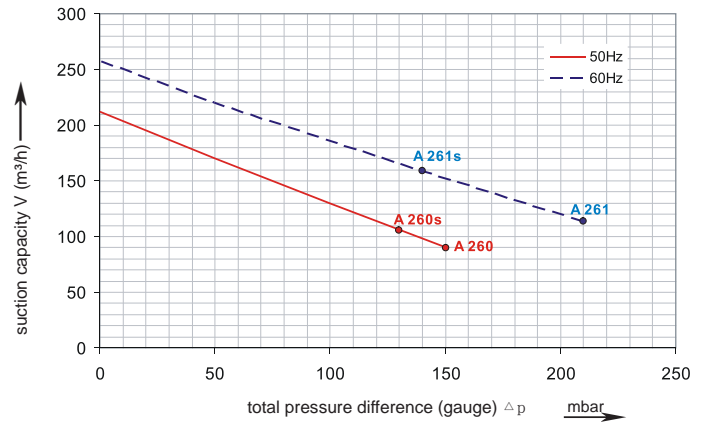
# G-2RB

Performance curve for Vacuum pump



# 2RB 590

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 2RB590

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 260	2RB590-7AH26	50	1.1	200D ... 240D	345Y...415Y	5.7D	3.3Y	-130	150	64	23	
A 261	2RB590-7AH26	60	1.7	220D ... 275D	380Y...480Y	6.0D	3.5Y	-180	210	70	23	
<b>1~ 50 Hz IP55 isulation material class F 1)</b>												
A 260s	2RB590-7AA21	50	1.2	230		7.9		-110	130	64	21	
<b>1~ 60 Hz IP55 isulation material class F 1)</b>												
A 261s	2RB590-7AB26	60	1.75	115		21.5		-160	140	70	21	



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	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.		
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-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 %.

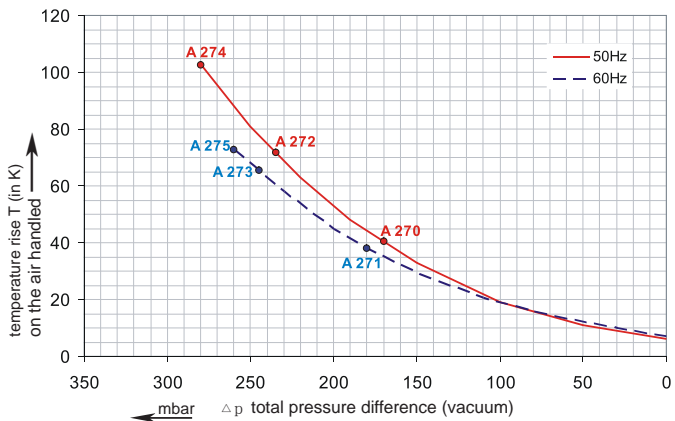
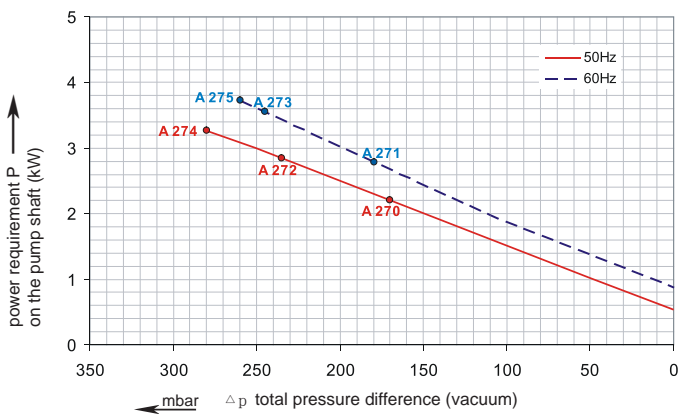
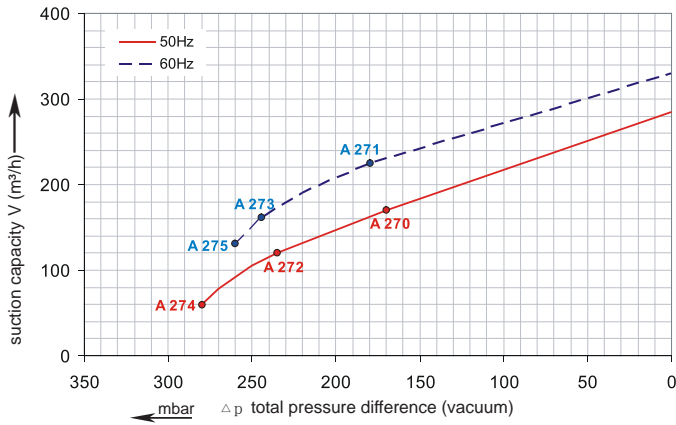
The frequency tolerance is maximum +/- 2 %.

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



## G-2RB

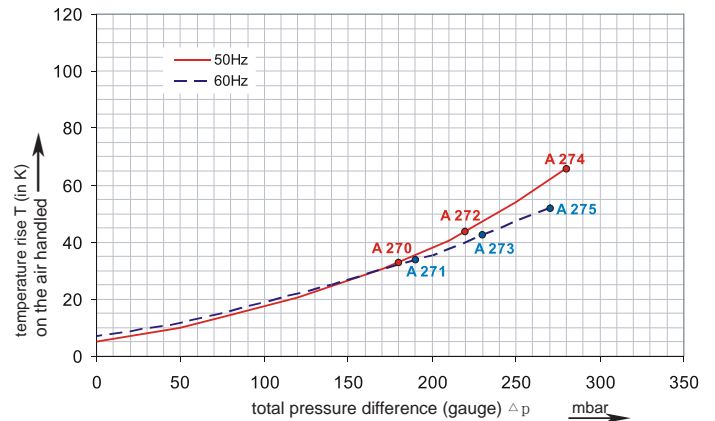
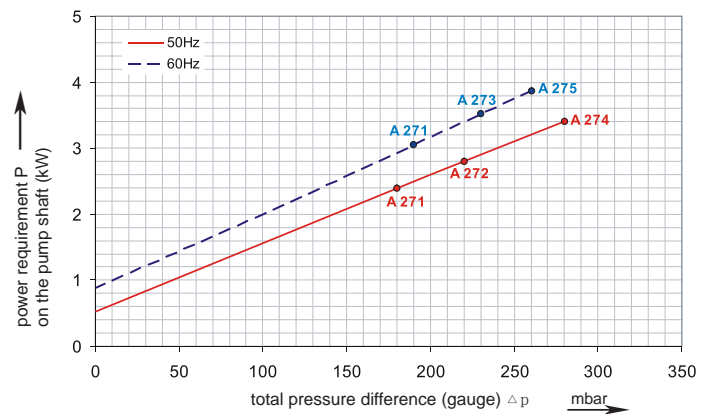
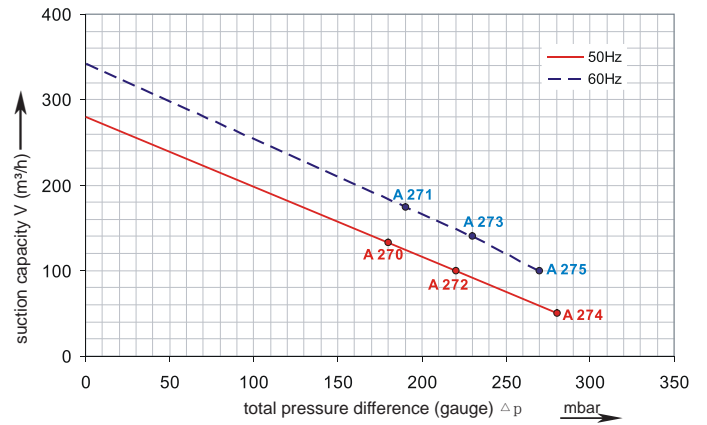
Performance curve for Vacuum pump



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.

## 2RB 610

Performance curve for Compressor



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.
					A	V	Vacuum mbar	Compressor mbar		

#### 3~ 50/60 Hz IP55 insulation 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

		<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 %.

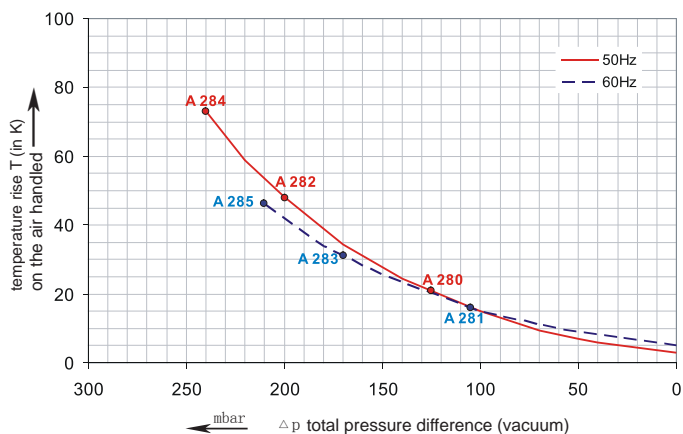
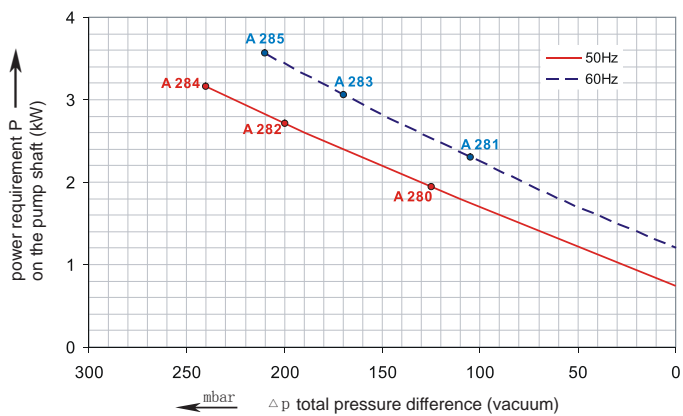
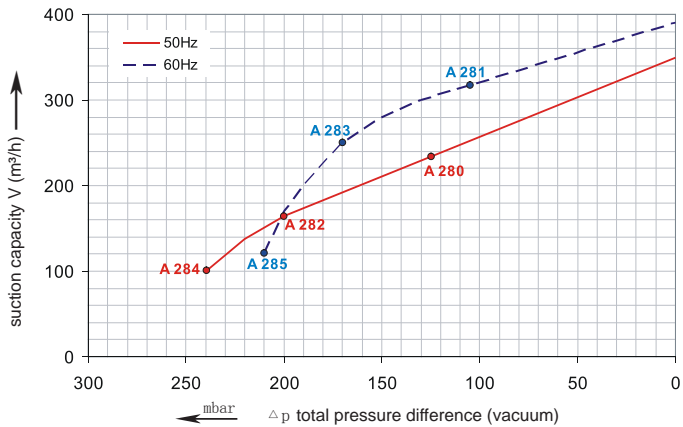
Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

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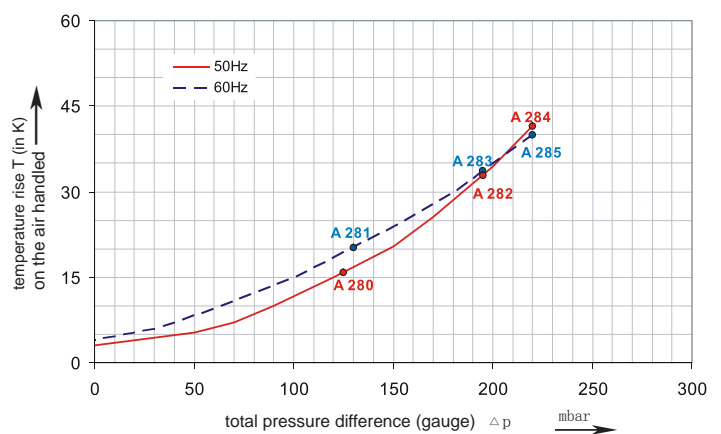
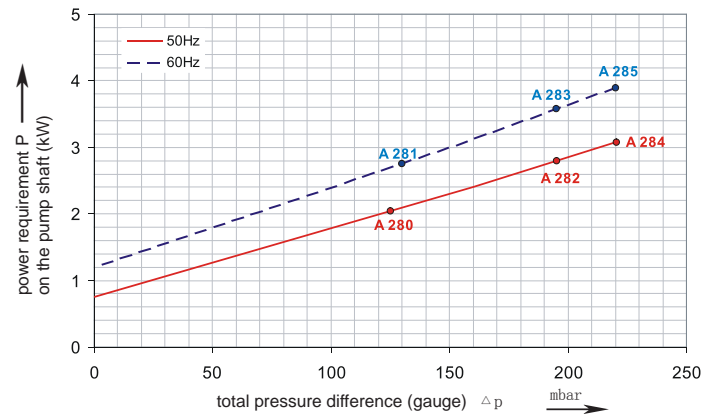
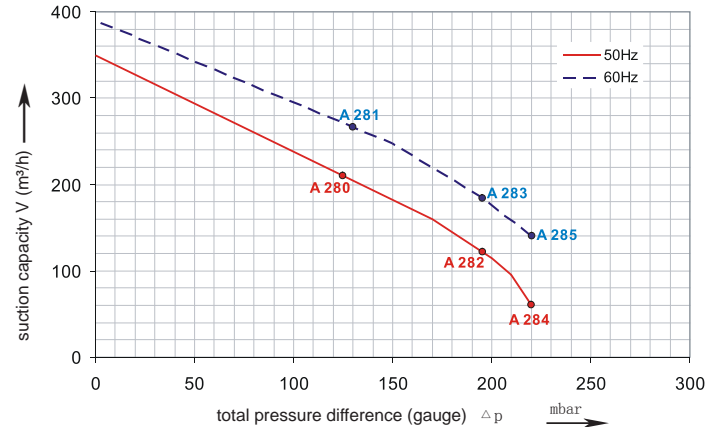
## G-2RB

Performance curve for Vacuum pump



## 2RB 630

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 2RB630

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.
					A		vacuum mbar	Compressor mbar		
		Hz	kW	V						

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

A 280	2RB630-7AH06	50	1.6	200D ... 240D	345Y...415Y	8.5D	4.9Y	-125	125	70	10
A 281	2RB630-7AH06	60	2.05	220D ... 275D	380Y...480Y	8.8D	5.1Y	-105	130	73	10
A 282	2RB630-7AH16	50	2.2	200D ... 240D	345Y...415Y	9.7D	5.6Y	-200	195	70	11
A 283	2RB630-7AH16	60	2.55	220D ... 275D	380Y...480Y	10.3D	6.0Y	-170	195	73	11
A 284	2RB630-7AH26	50	3.0	200D ... 240D	345Y...415Y	12.5D	7.2Y	-240	220	70	12
A 285	2RB630-7AH26	60	3.45	220D ... 275D	380Y...480Y	12.6D	7.3Y	-210	220	73	12



### 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-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 %.

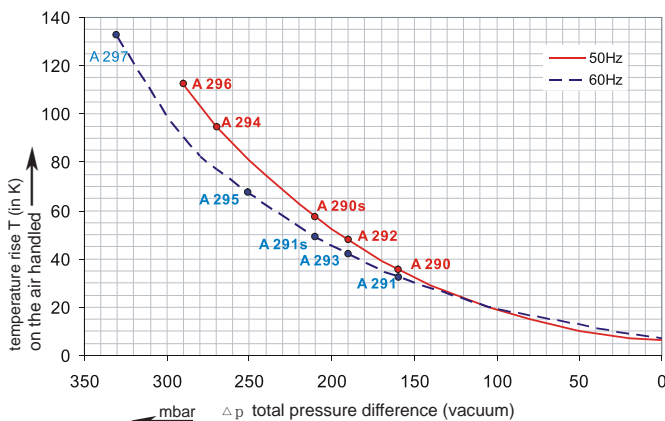
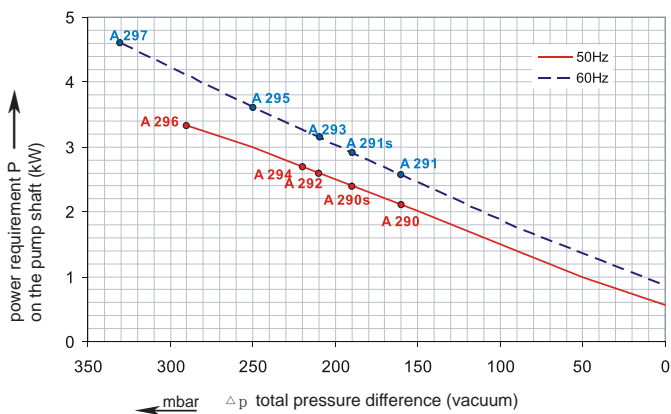
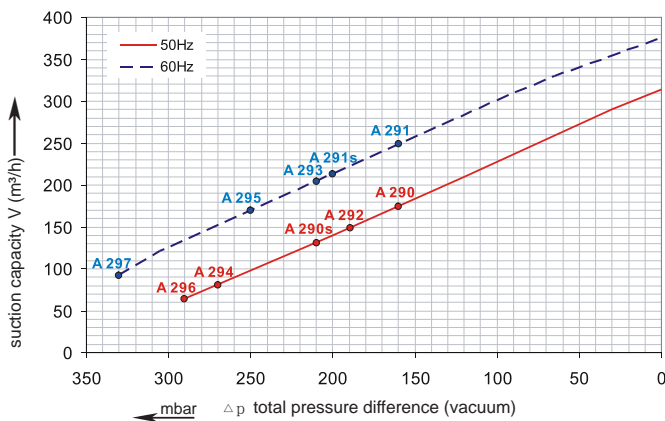
Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

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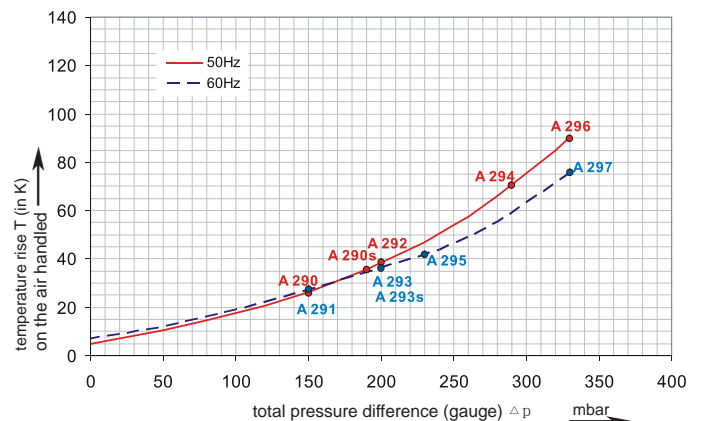
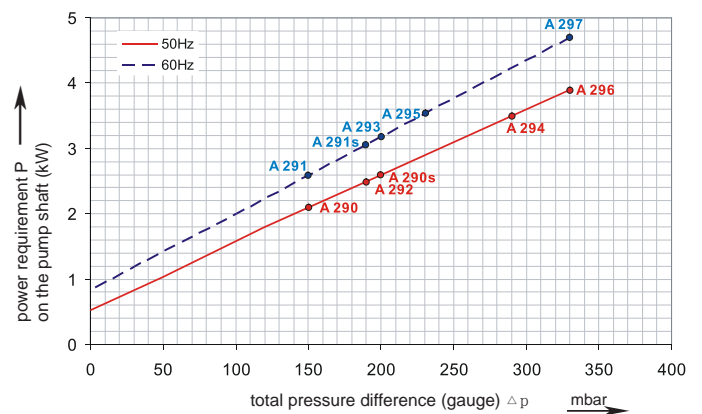
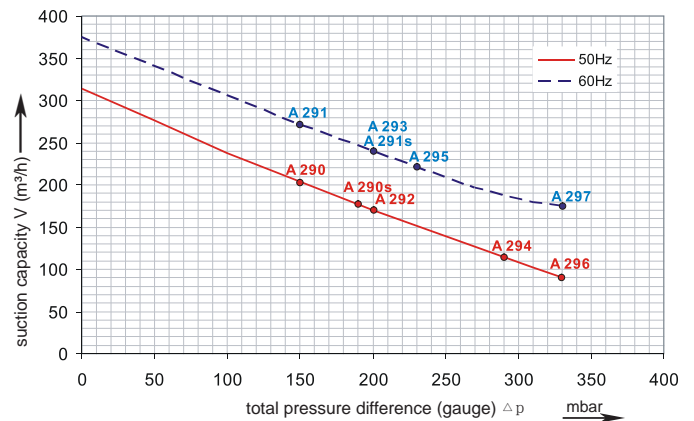
## G-2RB

Performance curve for Vacuum pump



## 2RB 710

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.
								Vacuum mbar	Compressor mbar		
		Hz	kW	V		A					
<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	-210	200	69	30
A 293	2RB710-7AH16	60	2.55	220D ... 275D	380Y...480Y	10.3D	6.0Y	-210	200	72	30
A 294	2RB710-7AH26	50	3.0	200D ... 240D	345Y...415Y	12.5D	7.2Y	-270	290	69	36
A 295	2RB710-7AH26	60	3.45	220D ... 275D	380Y...480Y	12.6D	7.3Y	-250	230	72	36
A 296	2RB710-7AH37	50	4.0	345D ... 415D	600Y...720Y	9.0D	5.2Y	-290	330	69	40
A 297	2RB710-7AH37	60	4.6	380D ... 480D	660Y...720Y	9.0D	5.2Y	-330	330	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		
		□ □
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 %.

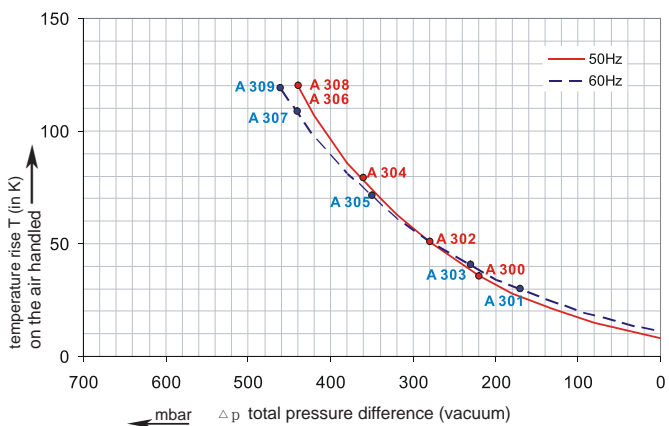
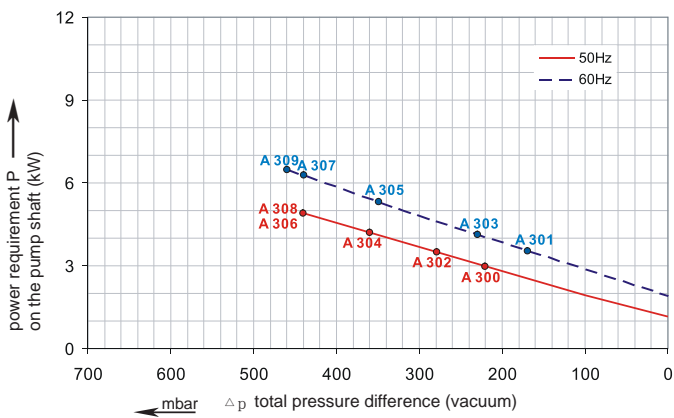
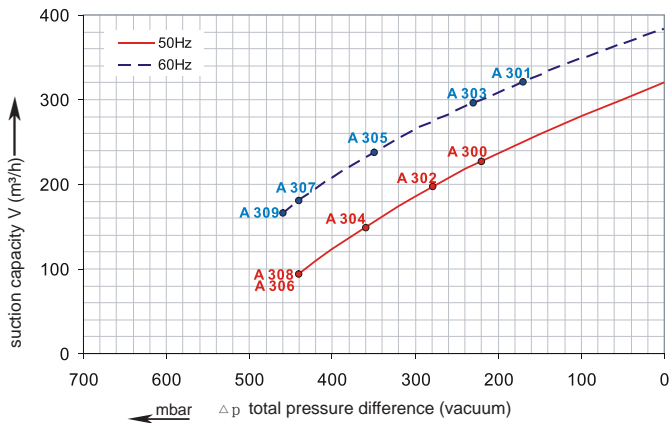
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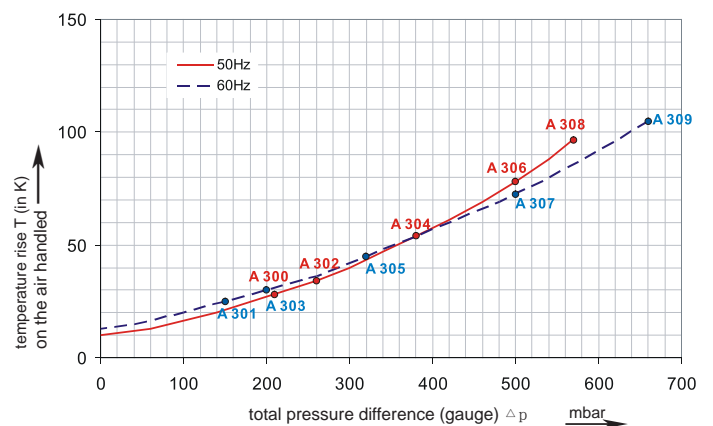
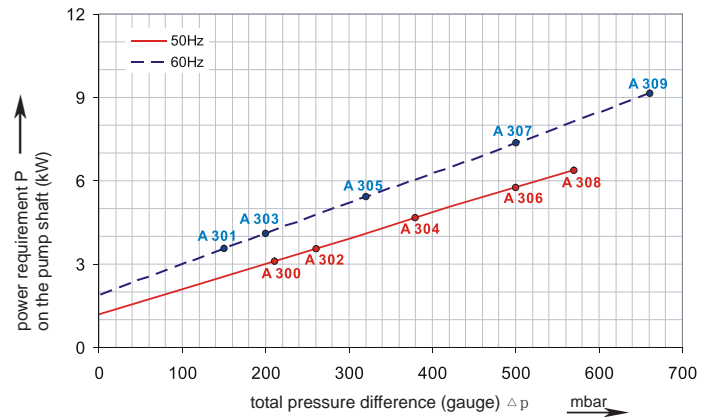
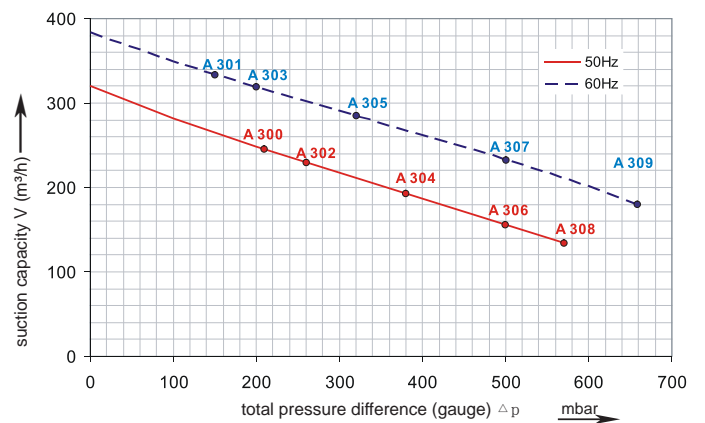
# G-2RB

Performance curve for Vacuum pump



# 2RB 720

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 2RB720

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 insulation material class F 1)

A 300	2RB720-7HH16	50	2.2	200D ... 240D	345Y...415Y	9.7D	5.6Y	-220	210	73	43
A 301	2RB720-7HH16	60	2.55	220D ... 275D	380Y...480Y	10.3D	6.0Y	-170	150	76	43
A 302	2RB720-7HH26	50	3.0	200D ... 240D	345Y...415Y	12.5D	7.2Y	-280	260	73	48
A 303	2RB720-7HH26	60	3.45	220D ... 275D	380Y...480Y	12.6D	7.3Y	-230	200	76	48
A 304	2RB720-7HH37	50	4.3	345D ... 415D	600Y...720Y	10.0D	5.2Y	-360	380	73	54
A 305	2RB720-7HH37	60	4.8	380D ... 480D	660Y...720Y	10.4D	6.0Y	-350	320	76	54
A 306	2RB720-7HH47	50	5.5	345D ... 415D	600Y...720Y	13.3D	7.7Y	-440	500	73	66
A 307	2RB720-7HH47	60	6.3	380D ... 480D	660Y...720Y	13.3D	7.7Y	-440	500	76	66
A 308	2RB720-7HH57	50	7.5	345D ... 415D	600Y...720Y	16.7D	9.6Y	-440	570	73	73
A 309	2RB720-7HH57	60	8.6	380D ... 480D	660Y...720Y	17.3D	10.0Y	-460	660	76	73



#### 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-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 %.

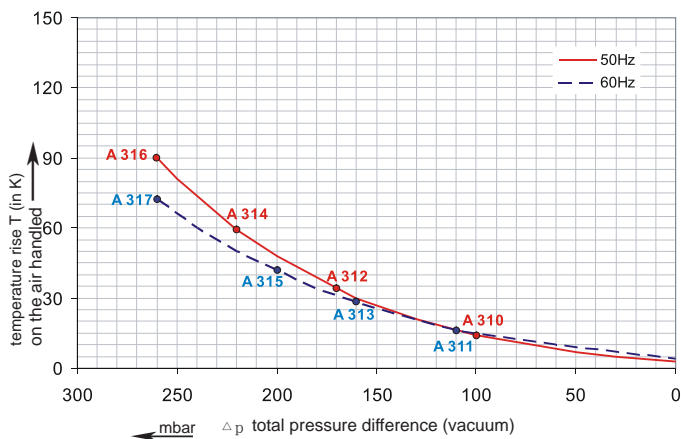
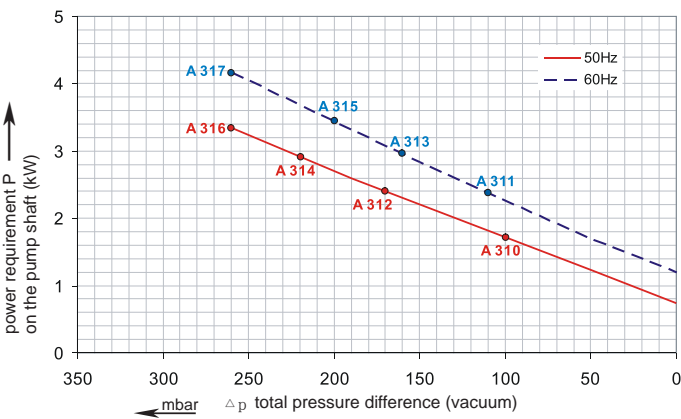
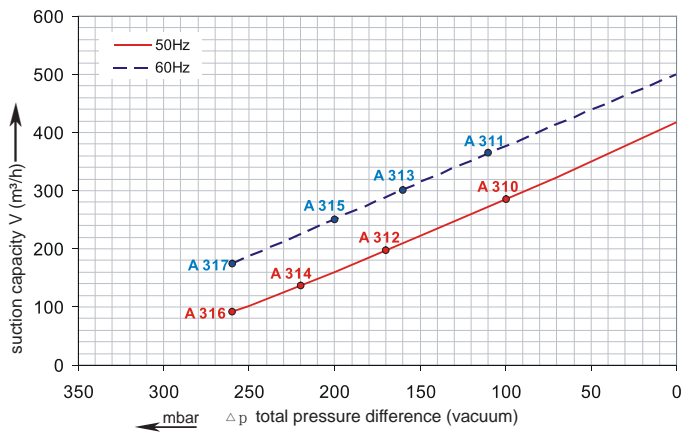
The frequency tolerance is maximum +/- 2 %.

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



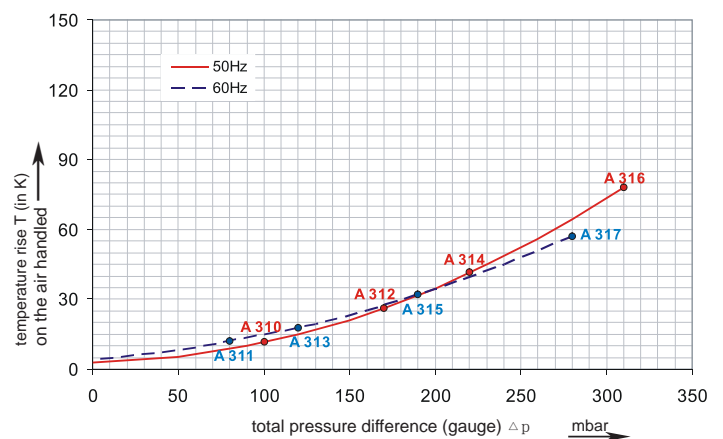
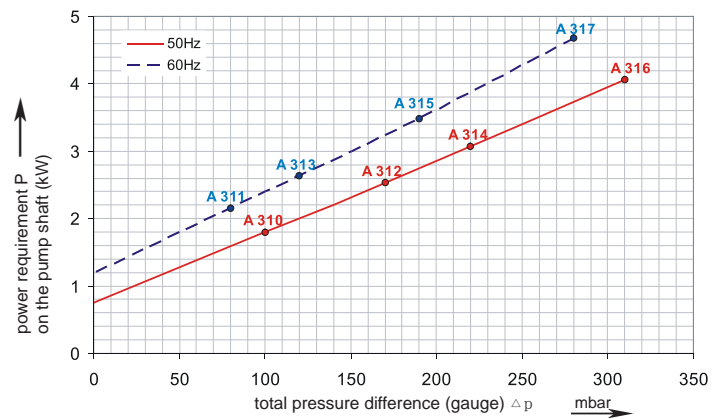
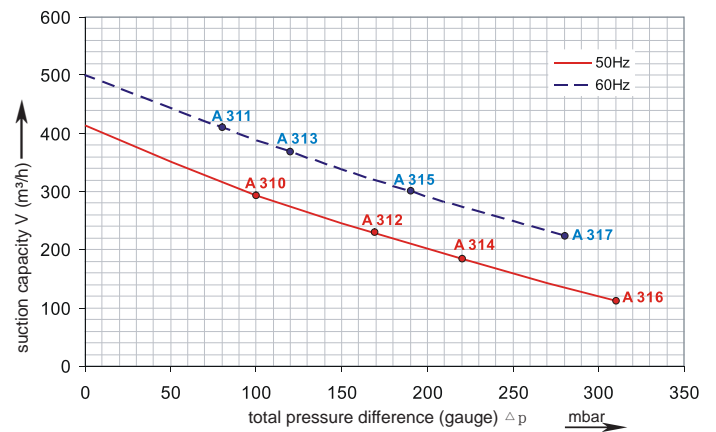
## G-2RB

Performance curve for Vacuum pump



## 2RB 730

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 2RB730

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 310	2RB730-7AH06	50	1.6	200D ... 240D	345Y...415Y	8.5D	4.9Y	-100	100	70	29
A 311	2RB730-7AH06	60	2.05	220D ... 275D	380Y...480Y	8.8D	5.1Y	-110	80	73	29
A 312	2RB730-7AH16	50	2.2	200D ... 240D	345Y...415Y	9.7D	5.6Y	-170	170	70	32
A 313	2RB730-7AH16	60	2.55	220D ... 275D	380Y...480Y	10.3D	6.0Y	-160	120	73	32
A 314	2RB730-7AH26	50	3.0	200D ... 240D	345Y...415Y	12.5D	7.2Y	-220	220	70	37
A 315	2RB730-7AH26	60	3.45	220D ... 275D	380Y...480Y	12.6D	7.3Y	-200	190	73	37
A 316	2RB730-7AH37	50	4.0	345D ... 415D	600Y...720Y	9.0D	5.2Y	-260	310	70	43
A 317	2RB730-7AH37	60	4.6	380D ... 480D	660Y...720Y	9.0D	5.2Y	-260	280	73	43



#### 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-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 %.

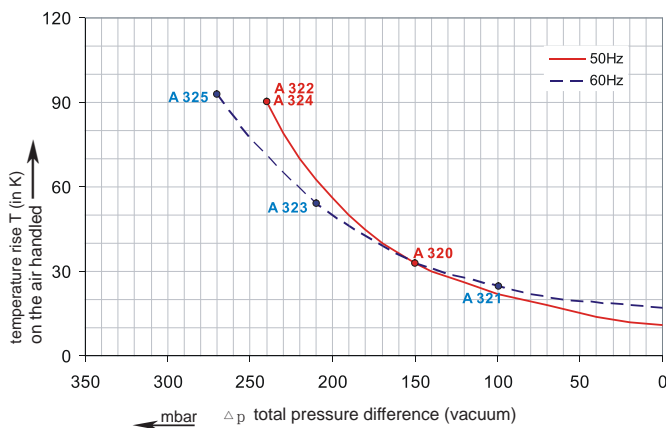
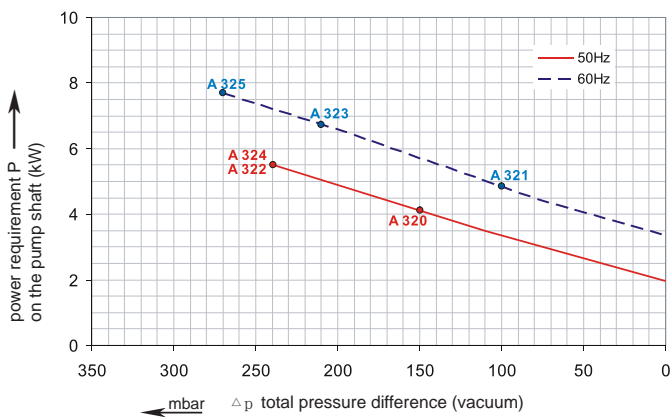
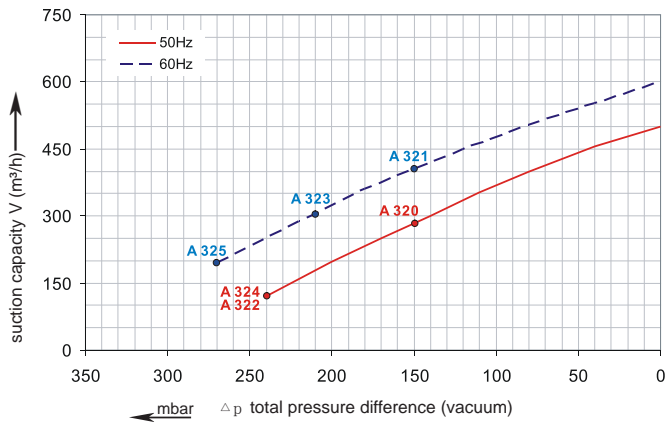
For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

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

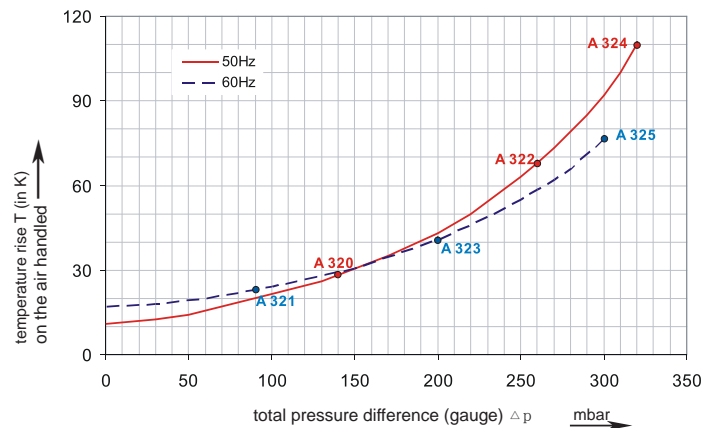
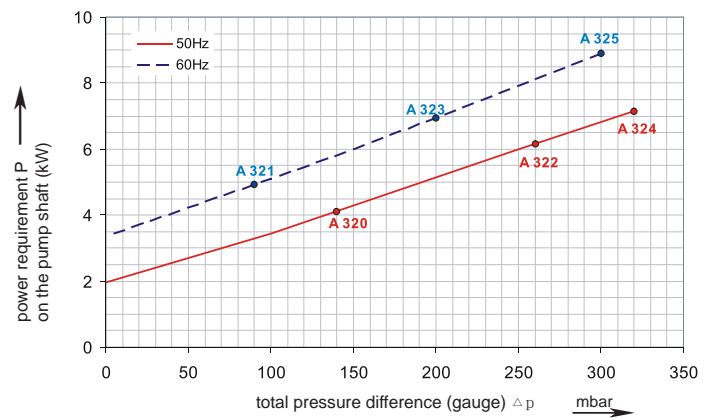
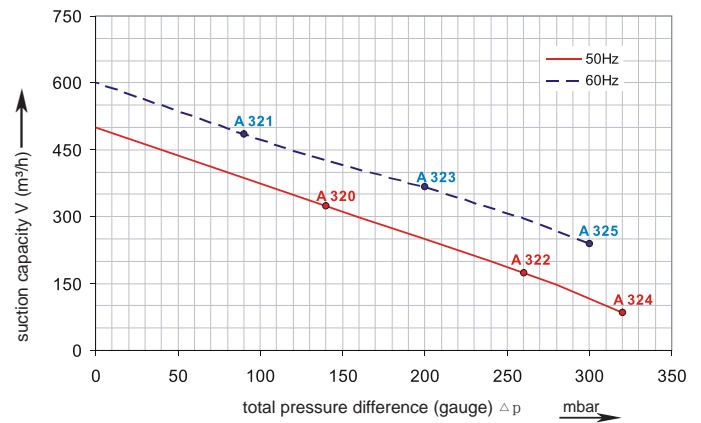
## G-2RB

Performance curve for Vacuum pump



## 2RB 740

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 2RB740

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.
								Vacuum mbar	Compressor mbar		
		Hz	kW	V		A					
<b>3~ 50/60 Hz IP55 isulation material class F 1)</b>											
A 320	2RB740-7GH37	50	4.0	345D ... 415D	660Y...720Y	9.0D	5.2Y	-150	140	74	54
A 321	2RB740-7GH37	60	4.6	380D ... 480D	660Y...720Y	9.0D	5.2Y	-100	90	78	54
A 322	2RB740-7GH47	50	5.5	345D ... 415D	660Y...720Y	13.3D	7.7Y	-240	260	74	69
A 323	2RB740-7GH47	60	6.3	380D ... 480D	660Y...720Y	13.3D	7.7Y	-210	200	78	69
A 324	2RB740-7GH57	50	7.5	345D ... 415D	660Y...720Y	16.7D	9.6Y	-240	320	74	75
A 325	2RB740-7GH57	60	8.6	380D ... 480D	660Y...720Y	17.3D	10.0Y	-270	300	78	75



#### 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-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 %.

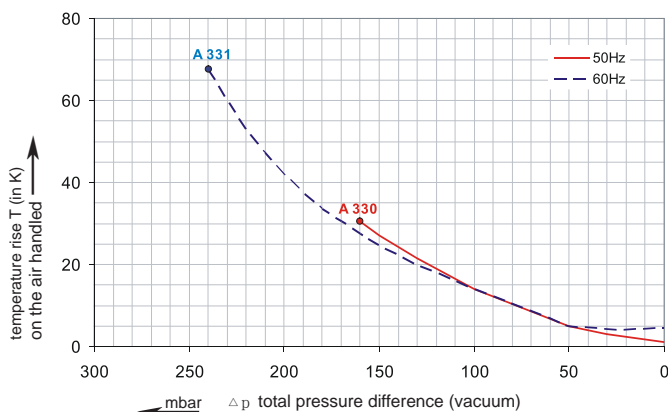
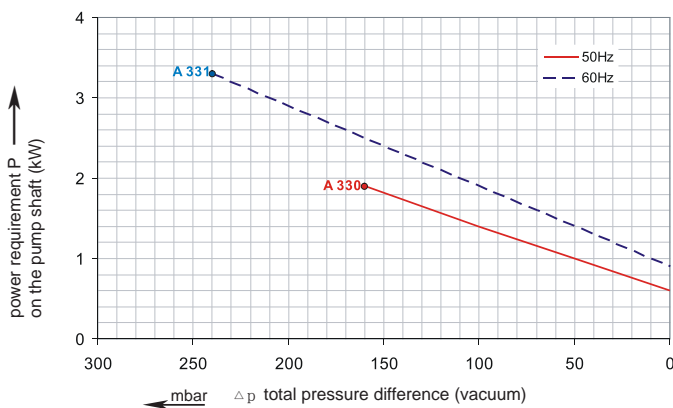
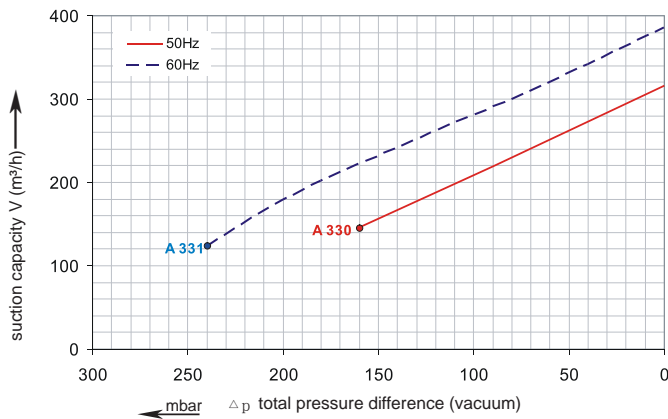
For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

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

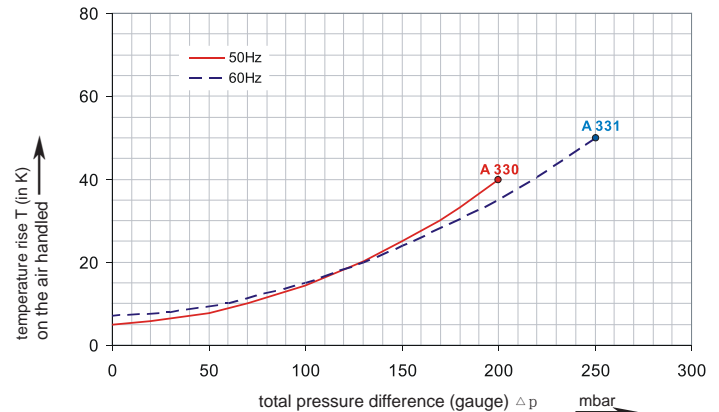
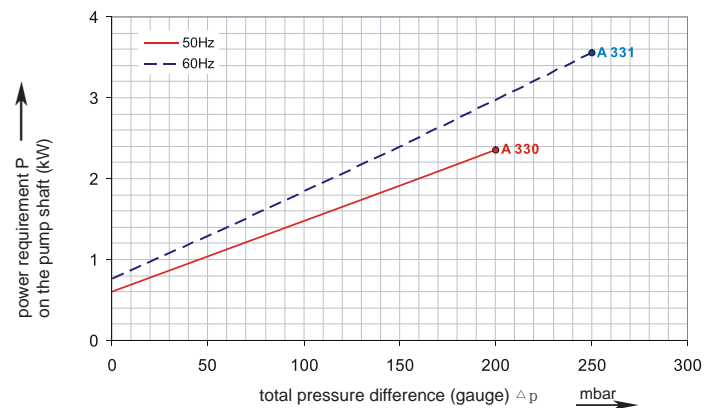
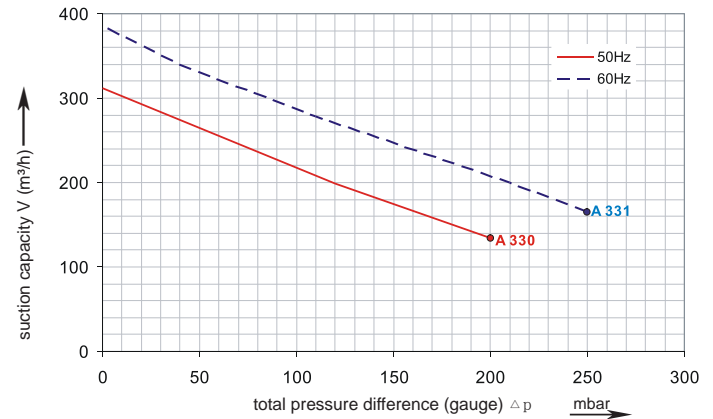
## G-2RB

Performance curve for Vacuum pump



## 2RB 790

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 2RB790

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	dB(A)		
<b>3~ 50/60 Hz IP55 insulation material class F 1)</b>												
A 330	2RB790-7AH26	50	2.2	200D ... 240D	345Y ... 415Y	12.5D	7.2Y	-160	200	69	36	
A 331	2RB790-7AH26	60	3.45	220D ... 275D	380Y ... 480Y	12.6D	7.3Y	-240	250	72	36	



#### 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-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 %.

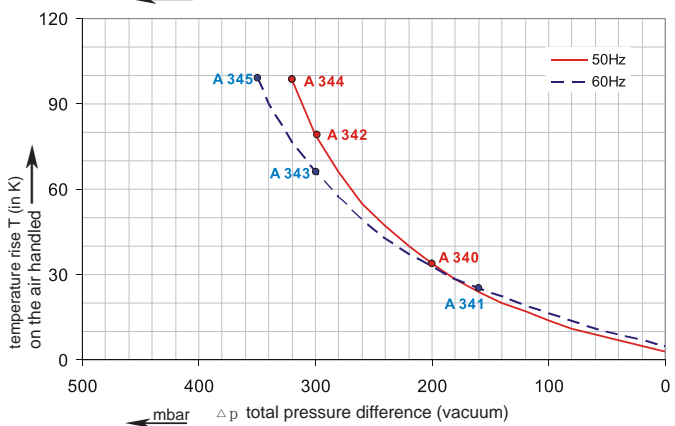
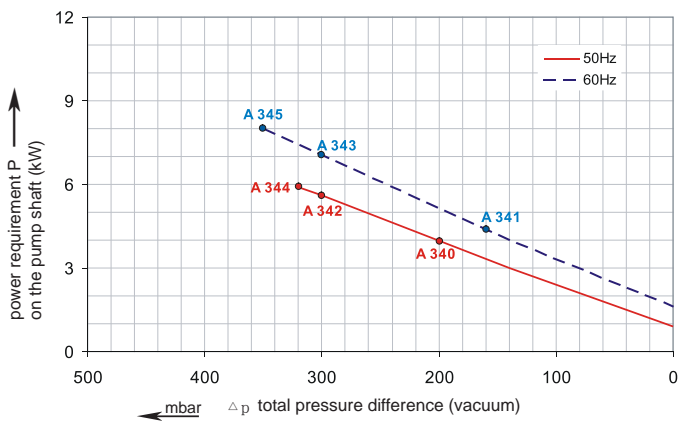
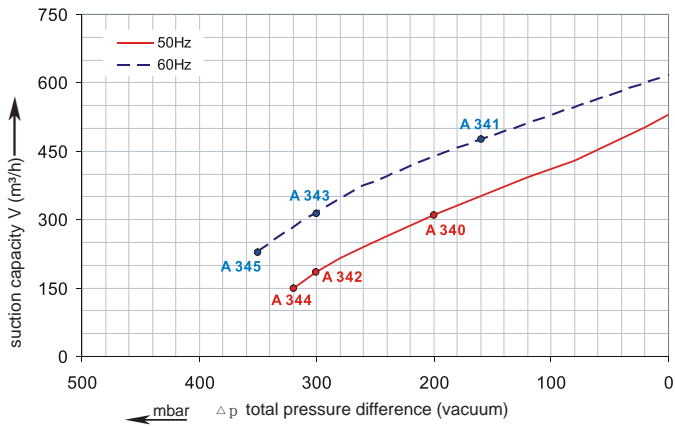
For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

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

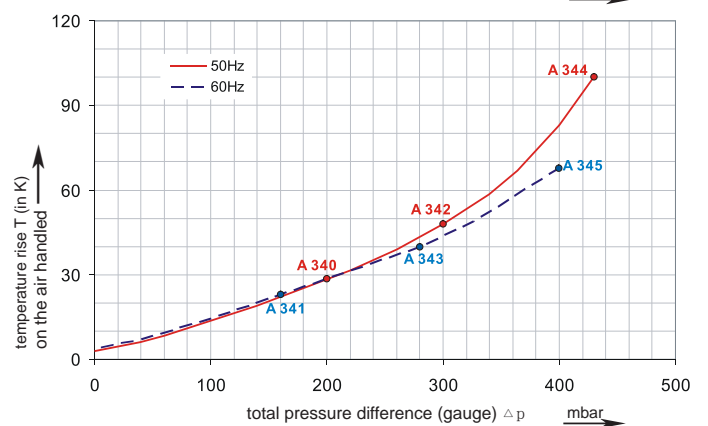
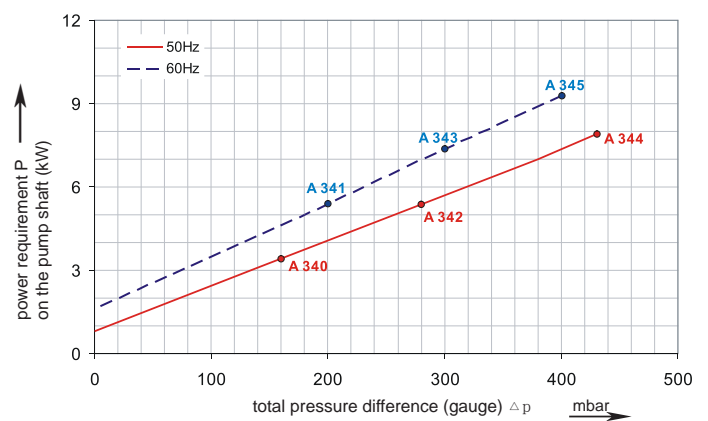
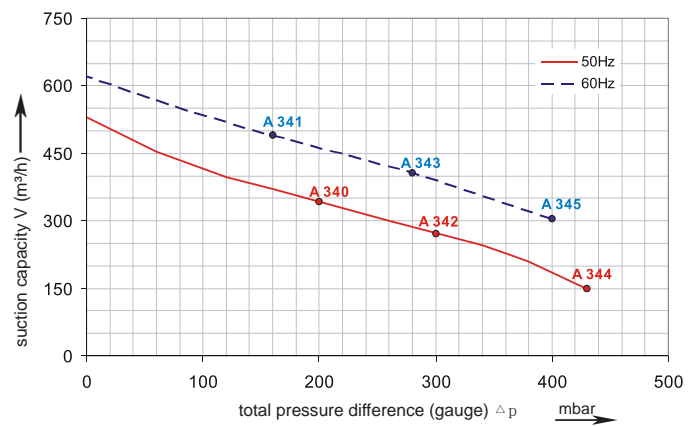
## G-2RB

Performance curve for Vacuum pump



## 2RB 810

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		

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

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	12.9D	7.4Y	-300	300	70	63
A 343	2RB810-7AH17	60	6.3	380D ... 480D	660Y...720Y	12.9D	7.45Y	-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

		<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 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 %.

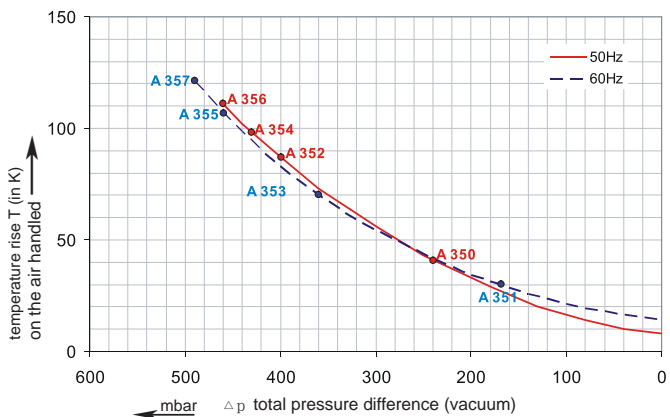
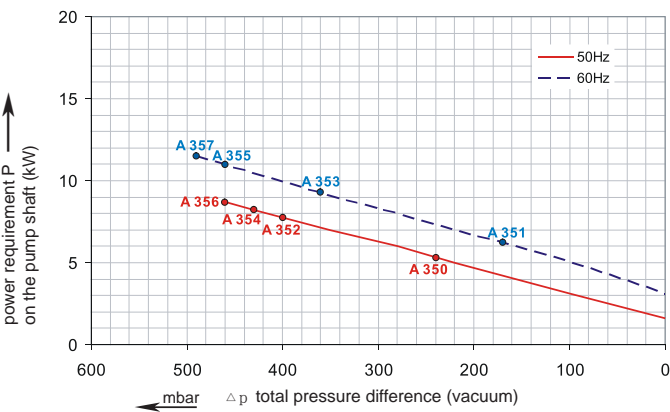
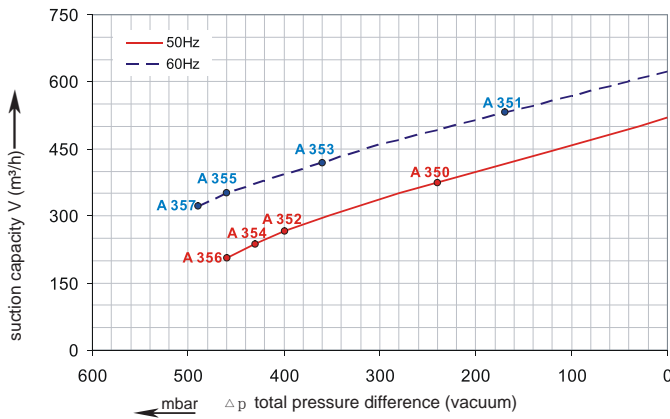
The frequency tolerance is maximum +/- 2 %.

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



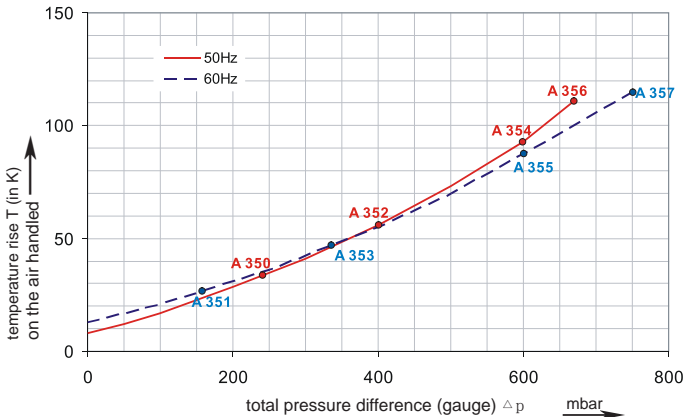
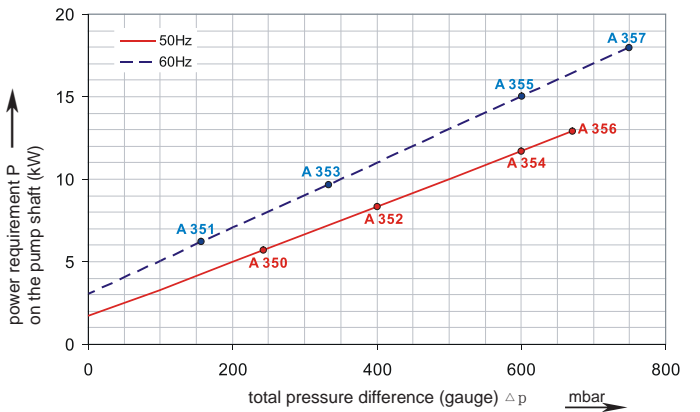
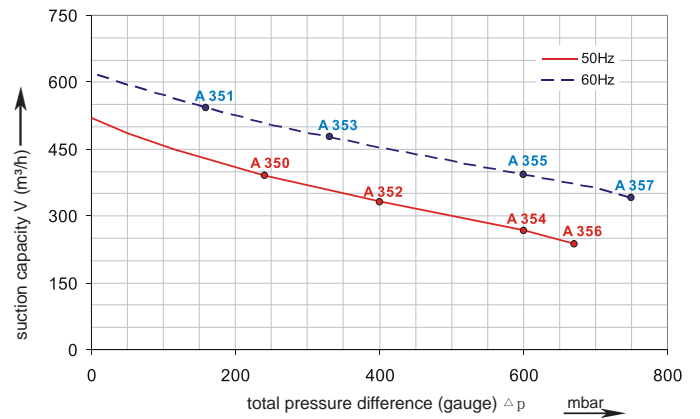
# G-2RB

Performance curve for Vacuum pump



# 2RB 820

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 2RB820

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 insulation material class F 1)

A 350	2RB820-7HH17	50	5.5	345D ... 415D	600Y...720Y	13.3D	7.7	-240	240	74	83
A 351	2RB820-7HH17	60	6.3	380D ... 480D	660Y...720Y	13.3D	7.7	-170	160	78	83
A 352	2RB820-7HH27	50	7.5	345D ... 415D	600Y...720Y	16.7D	9.6	-400	400	74	86
A 353	2RB820-7HH27	60	8.6	380D ... 480D	660Y...720Y	17.3D	10.0	-360	330	78	86
A 354	2RB820-7HH37	50	11.0	345D ... 415D	600Y...720Y	28.0D	16.2	-430	600	74	104
A 355	2RB820-7HH37	60	12.6	380D ... 480D	660Y...720Y	29.0D	16.7	-460	600	78	104
A 356	2RB820-7HH47	50	15.0	345D ... 415D	600Y...720Y	32.5D	18.8	-460	670	74	120
A 357	2RB820-7HH47	60	17.3	380D ... 480D	660Y...720Y	34.5D	19.9	-490	750	78	120



#### 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-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 %.

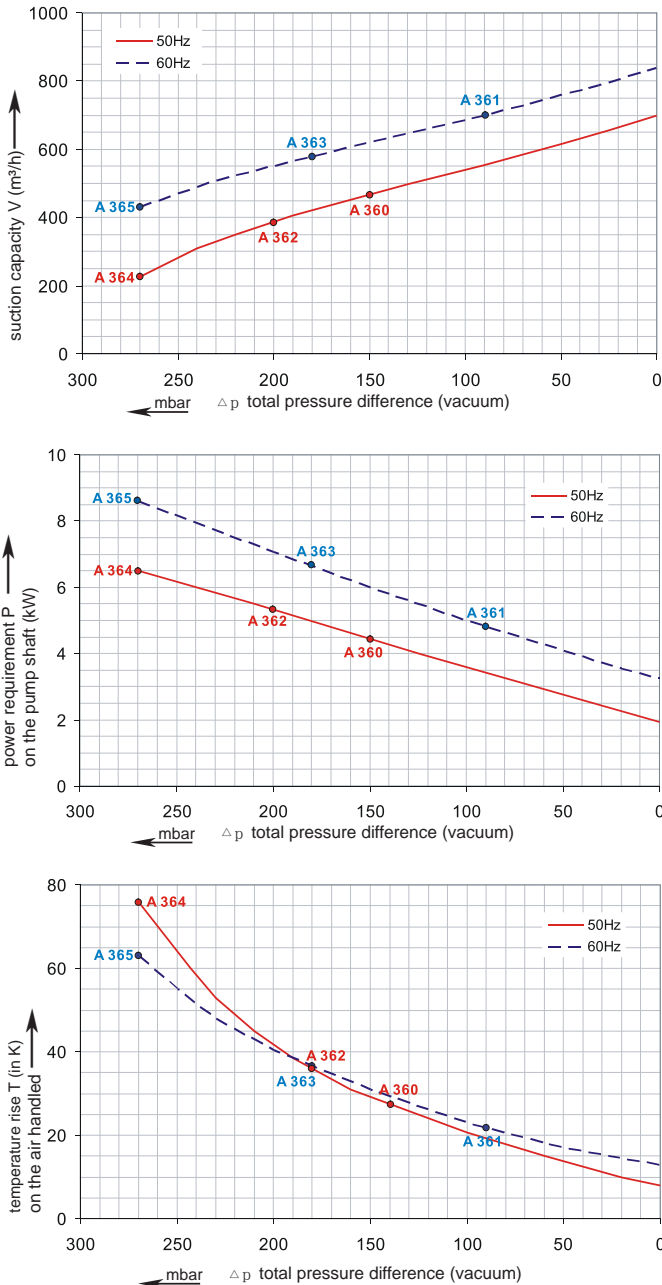
Changes in particular the quoted performance curve, data and weights without prior notice. The figures are without obligations.

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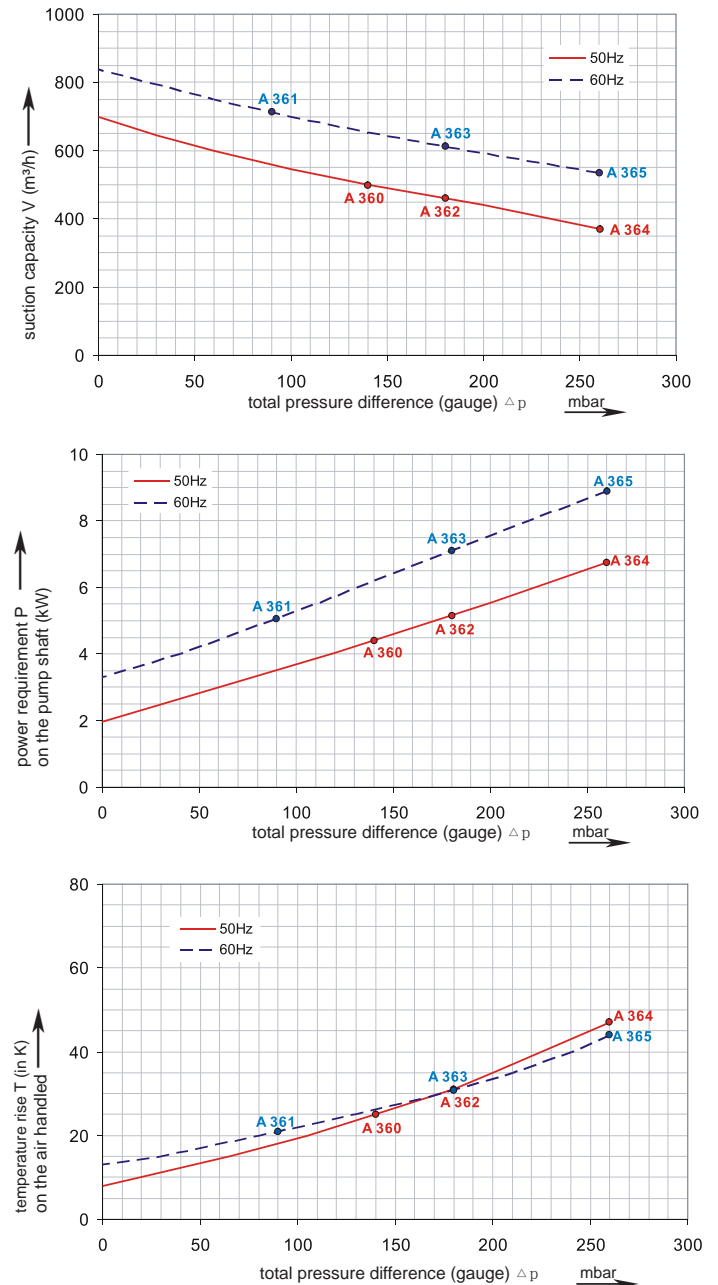
## G-2RB

Performance curve for Vacuum pump



## 2RB 830

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 2RB830

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 insulation material class F 1)

A 360	2RB830-7AH07	50	4.0	345D ... 415D	600Y...720Y	9.5D	5.5Y	-150	140	70	57
A 361	2RB830-7AH07	60	4.6	380D ... 480D	660Y...720Y	9.5D	5.5Y	-90	90	74	57
A 362	2RB830-7AH17	50	5.5	345D ... 415D	600Y...720Y	12.9D	7.4Y	-200	180	70	66
A 363	2RB830-7AH17	60	6.3	380D ... 480D	660Y...720Y	12.9D	7.45Y	-180	180	74	66
A 364	2RB830-7AH27	50	7.5	345D ... 415D	600Y...720Y	16.7D	9.6Y	-270	260	70	69
A 365	2RB830-7AH27	60	8.6	380D ... 480D	660Y...720Y	17.3D	10.0Y	-270	260	74	69



#### 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-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 %.

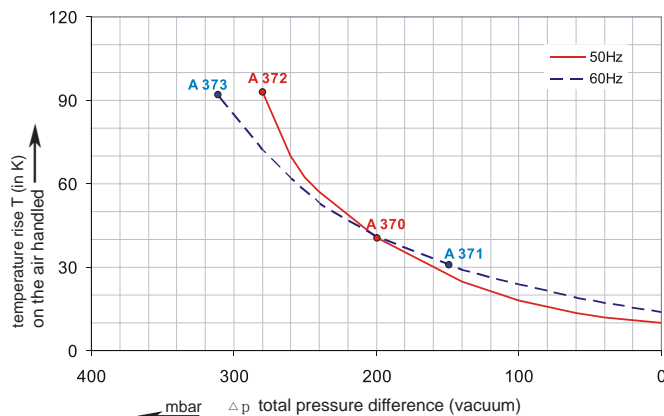
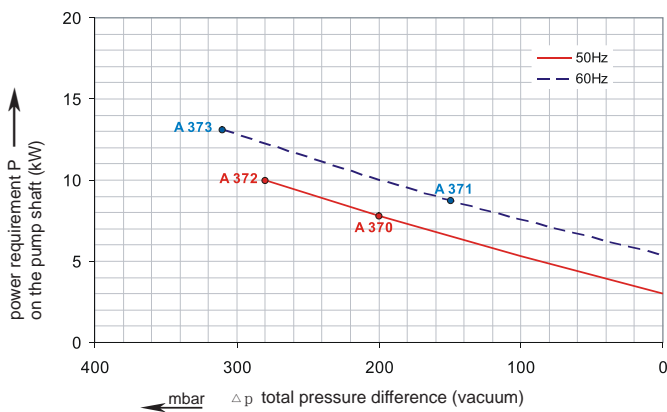
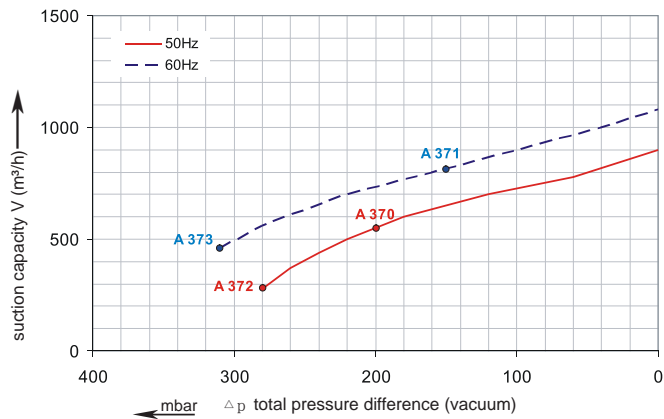
Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

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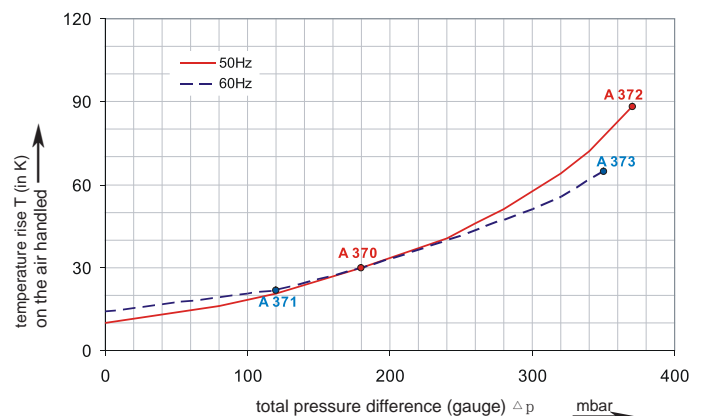
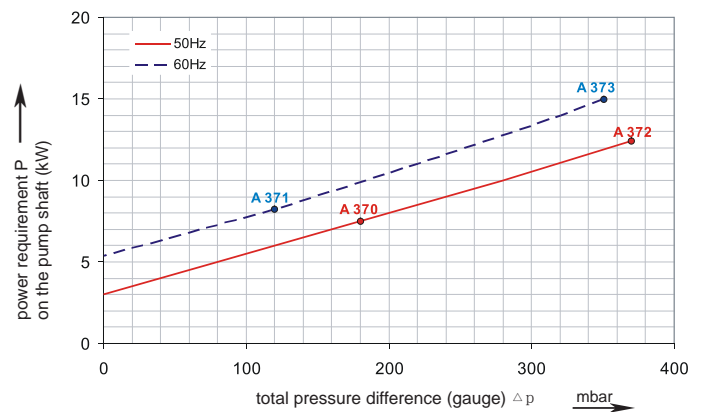
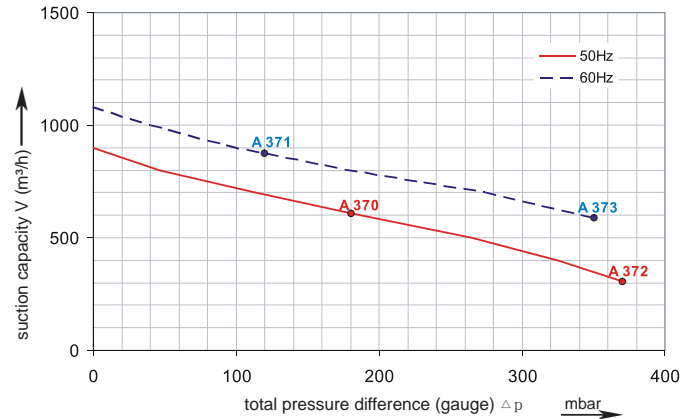
## G-2RB

Performance curve for Vacuum pump



## 2RB 840

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 2RB840

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 insulation material class F 1)

A 370	2RB840-7HH27	50	7.5	345D ... 415D	600Y...720Y	16.7D	9.6Y	-200	180	74	91
A 371	2RB840-7HH27	60	8.6	380D ... 480D	660Y...720Y	17.3D	10.0Y	-150	120	78	91
A 372	2RB840-7HH37	50	11.0	345D ... 415D	600Y...720Y	28.0D	16.2Y	-280	370	74	110
A 373	2RB840-7HH37	60	12.6	380D ... 480D	660Y...720Y	29.0D	16.7Y	-310	350	78	110



#### 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-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 %.

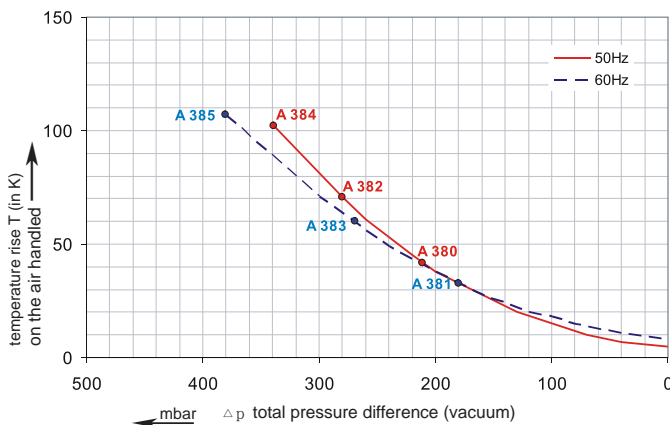
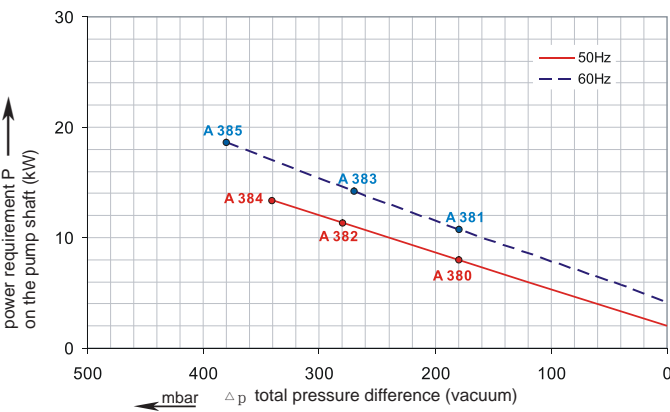
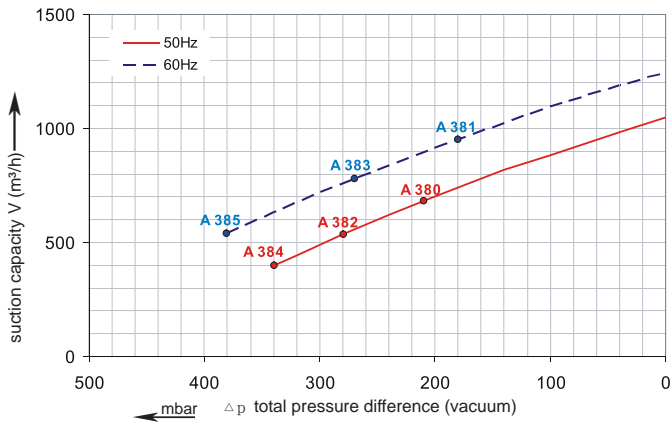
For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

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

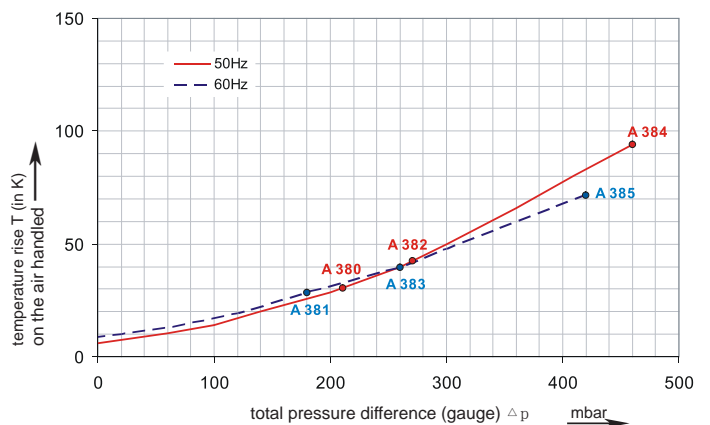
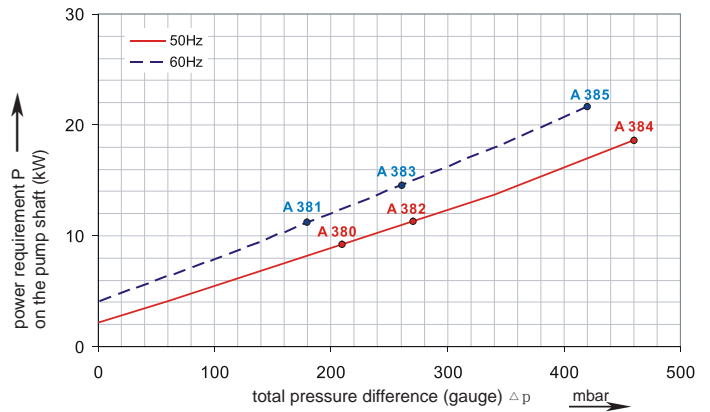
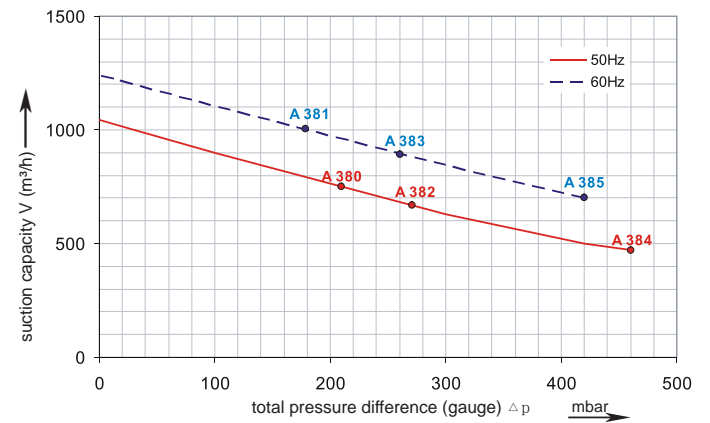
## G-2RB

Performance curve for Vacuum pump



## 2RB 910

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 2RB910

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 isulation material class F 1)

A 380	2RB910-7AH07	50	8.5	345D ... 415D	600Y...720Y	18.2D	10.5Y	-190	190	74	93
A 381	2RB910-7AH07	60	9.8	380D ... 480D	660Y...720Y	18.2D	10.5Y	-150	140	79	93
A 382	2RB910-7AH17	50	12.5	345D ... 415D	600Y...720Y	28.0D	16.2Y	-290	280	74	116
A 383	2RB910-7AH17	60	14.5	380D ... 480D	660Y...720Y	29.0D	16.7Y	-270	260	79	116
A 384	2RB910-7AH37	50	18.5	345D ... 415D	600Y...720Y	37.0D	21.0Y	-360	460	74	126
A 385	2RB910-7AH37	60	21.3	380D ... 480D	660Y...720Y	39.0D	22.5Y	-380	420	79	126



#### 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-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.

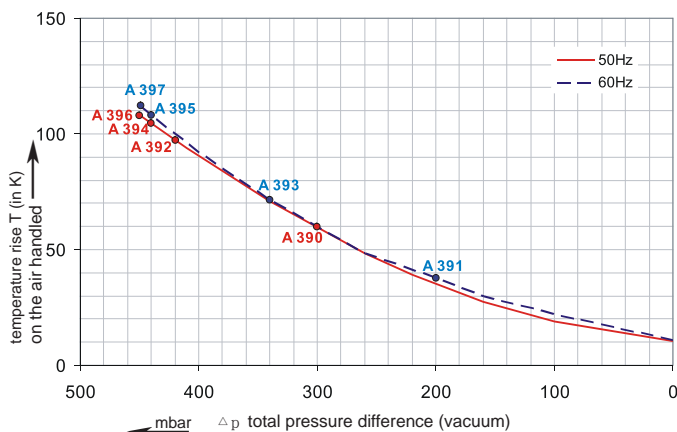
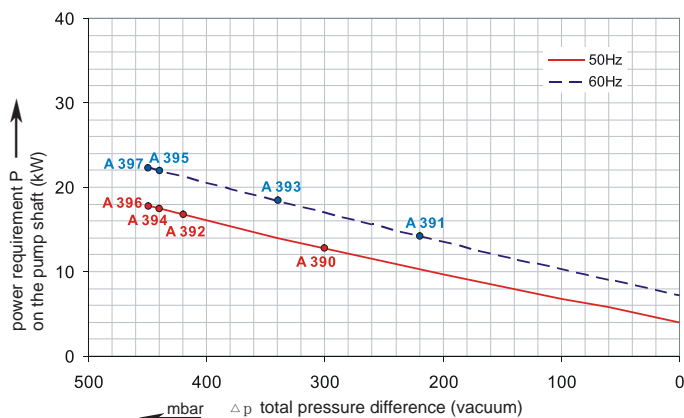
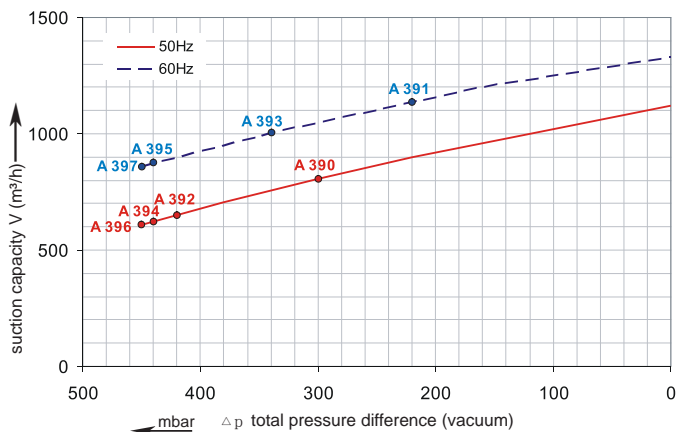
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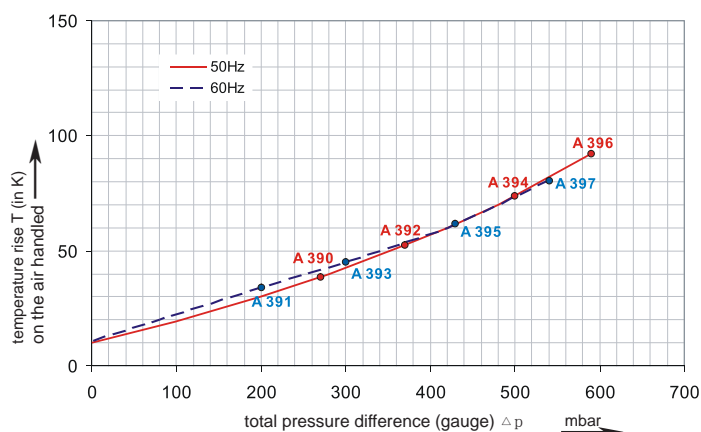
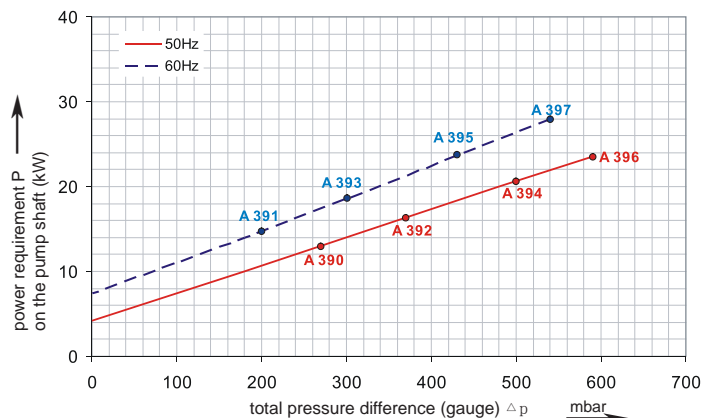
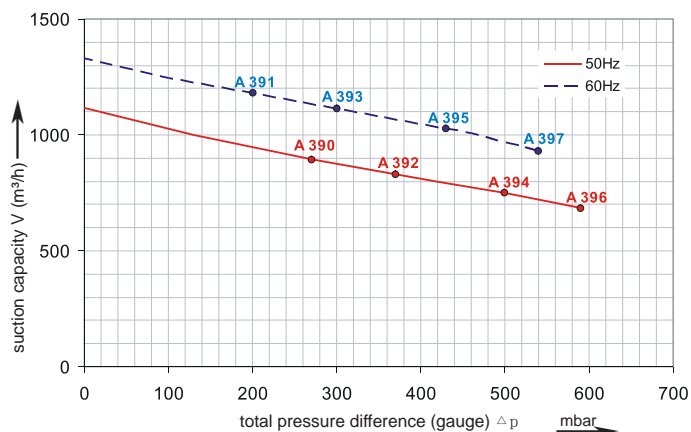
## G-2RB

Performance curve for Vacuum pump



## 2RB 920

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 2RB920

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 insulation material class F 1)

A 390	2RB920-7HH17	50	12.5	345D ... 415D	600Y...720Y	28.0D	16.2Y	-300	270	74	187
A 391	2RB920-7HH17	60	14.5	380D ... 480D	660Y...720Y	29.0D	16.7Y	-220	200	84	187
A 392	2RB920-7HH27	50	16.5	345D ... 415D	600Y...720Y	35.0D	20.0Y	-410	370	74	197
A 393	2RB920-7HH27	60	19.0	380D ... 480D	660Y...720Y	36.5D	21.0Y	-340	300	84	197
A 394	2RB920-7HH37	50	20.0	345D ... 415D	600Y...720Y	40.0D	23.0Y	-440	500	74	204
A 395	2RB920-7HH37	60	23.0	380D ... 480D	660Y...720Y	42.0D	24.2Y	-440	430	84	204
A 396	2RB920-7HH47	50	25.0	345D ... 415D	600Y...720Y	52.0D	30.0Y	-440	590	74	211
A 397	2RB920-7HH47	60	29.0	380D ... 480D	660Y...720Y	52.0D	30.0Y	-440	540	84	211



#### 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	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.

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 %.

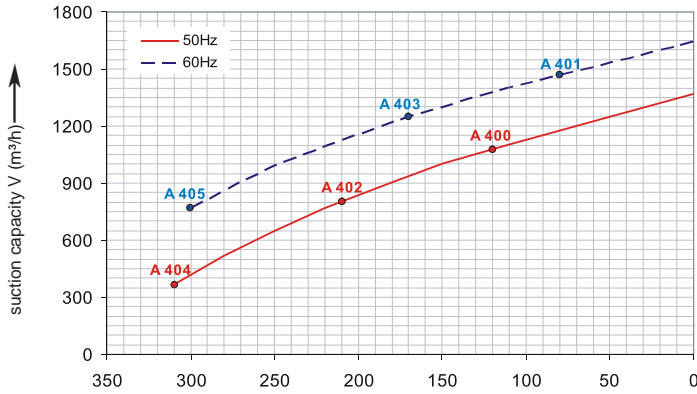
For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

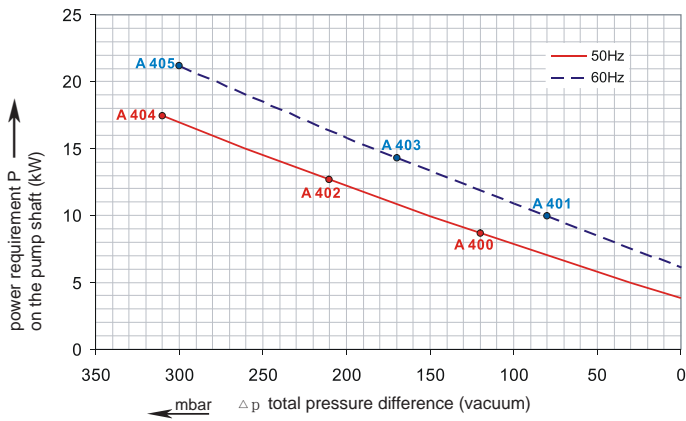
Changes in particular the quoted performance curve, data and weights without prior notice. The figures are without obligations.

## G-2RB

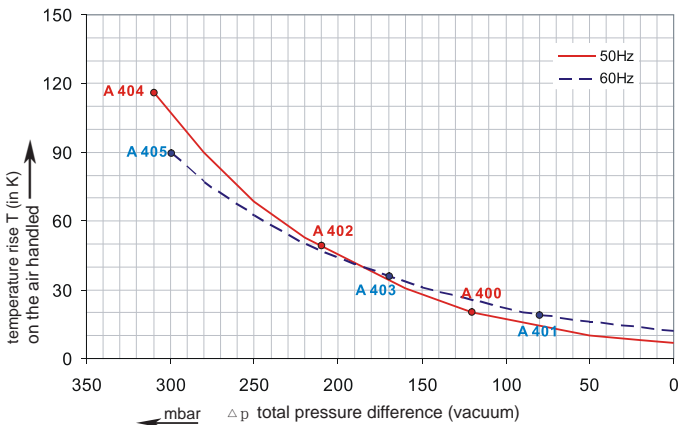
Performance curve for Vacuum pump



← mbar Δp total pressure difference (vacuum)



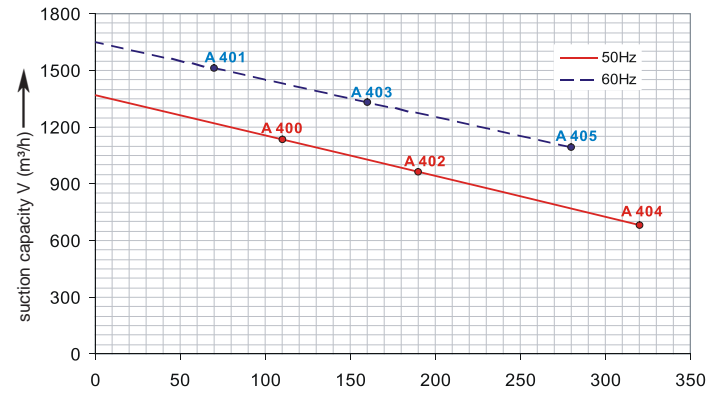
← mbar Δp total pressure difference (vacuum)



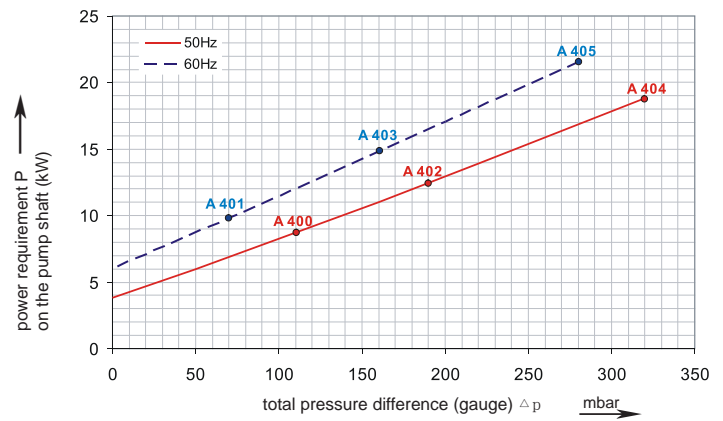
← mbar Δp total pressure difference (vacuum)

## 2RB 930

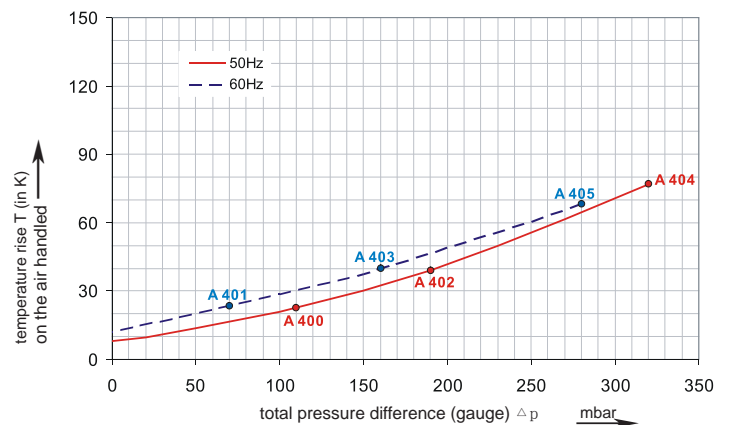
Performance curve for Compressor



total pressure difference (gauge) Δp → mbar



total pressure difference (gauge) Δp → mbar



total pressure difference (gauge) Δp → mbar

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 2RB930

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 isulation material class F 1)

A 400	2RB930-7AH07	50	8.5	345D...415D	600Y...720Y	18.0D	10.5Y	-120	110	75	98
A 401	2RB930-7AH07	60	9.8	380D...480D	660Y...720Y	18.0D	10.5Y	-80	70	80	98
A 402	2RB930-7AH17	50	12.5	345D...415D	600Y...720Y	28.0D	16.2Y	-190	180	75	121
A 403	2RB930-7AH17	60	14.5	380D...480D	660Y...720Y	29.0D	16.7Y	-150	150	80	121
A 404	2RB930-7AH37	50	18.5	345D...415D	600Y...720Y	37.0D	21.0Y	-310	320	75	131
A 405	2RB930-7AH37	60	21.3	380D...480D	660Y...720Y	39.0D	22.5Y	-300	280	80	131



#### 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-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 %.

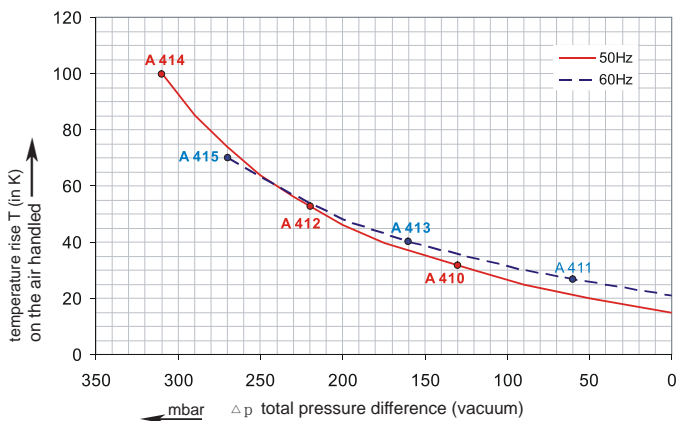
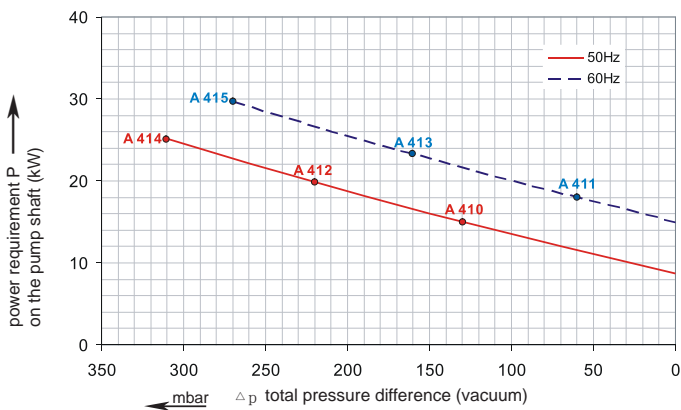
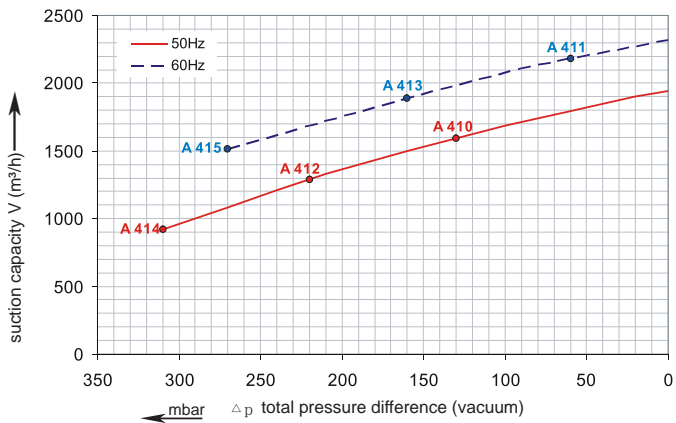
Changes in particular the quoted performance curve, data and weights without prior notice. The figures are without obligations.

# DYNAPUMPS

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

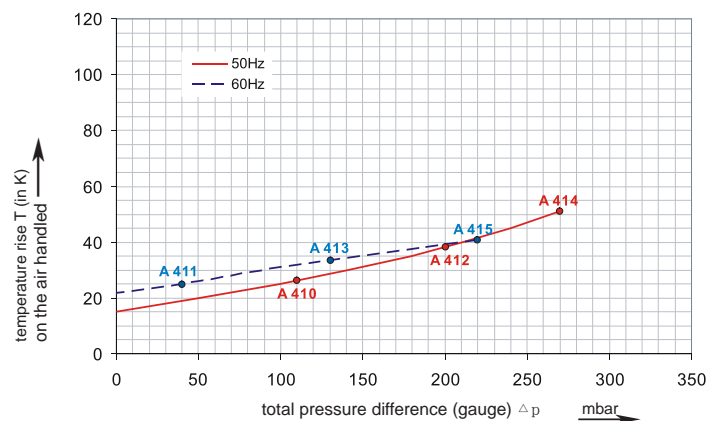
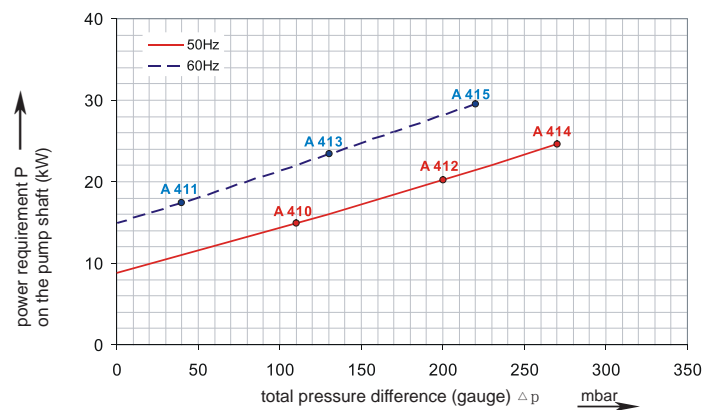
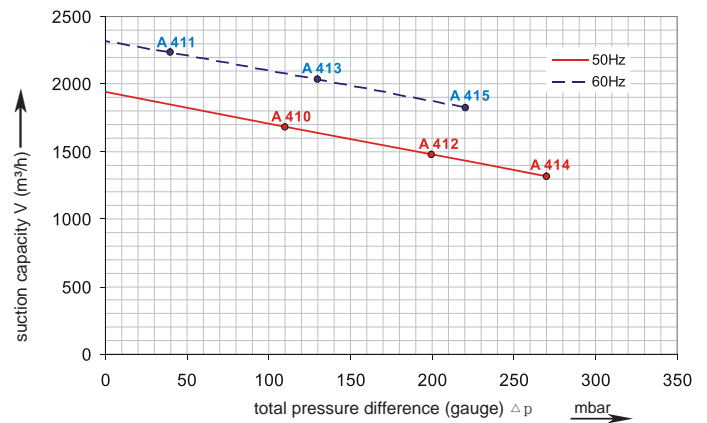
# G-2RB

Performance curve for Vacuum pump



# 2RB 940

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 2RB940

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 410	2RB940-7BH27	50	15.0	345D...415D	600Y...720Y	35.0D	20.0Y	-130	110	75	187
A 411	2RB940-7BH27	60	17.5	380D...480D	660Y...720Y	36.5D	21.0Y	-60	40	84	187
A 412	2RB940-7BH37	50	20.0	345D...415D	600Y...720Y	40.0D	23.0Y	-220	200	75	212
A 413	2RB940-7BH37	60	23.0	380D...480D	660Y...720Y	42.0D	24.2Y	-160	130	84	212
A 414	2RB940-7BH47	50	25.0	345D...415D	600Y...720Y	52.0D	30.0Y	-310	270	75	219
A 415	2RB940-7BH47	60	29.0	380D...480D	660Y...720Y	52.0D	30.0Y	-270	220	84	219



#### 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-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 %.

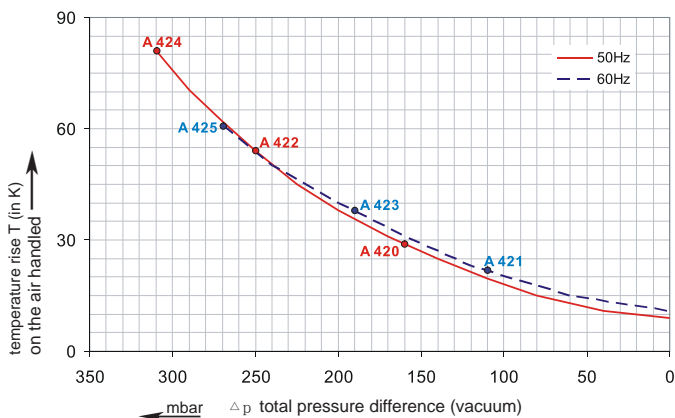
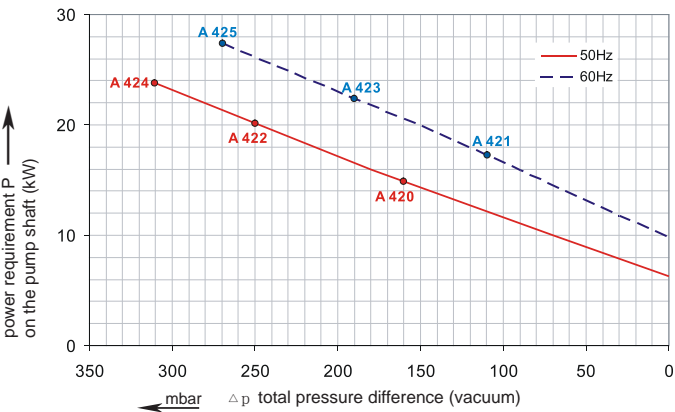
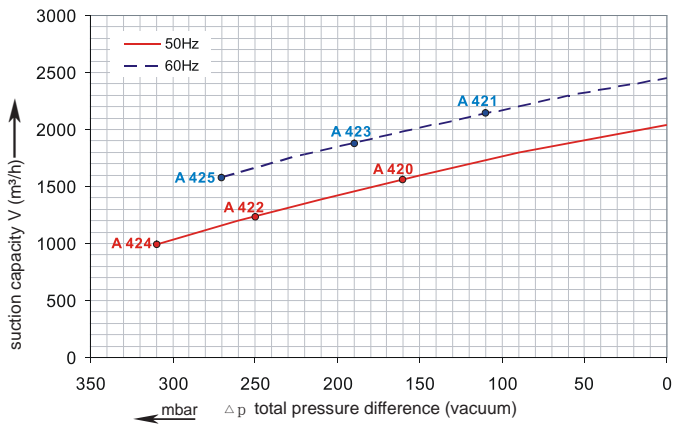
For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %.

The frequency tolerance is maximum +/- 2 %.

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

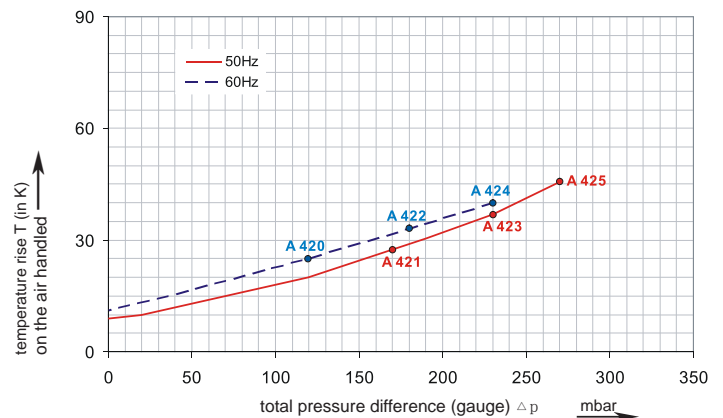
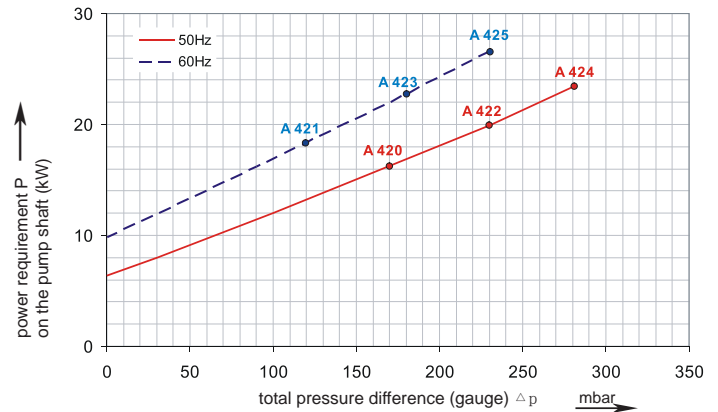
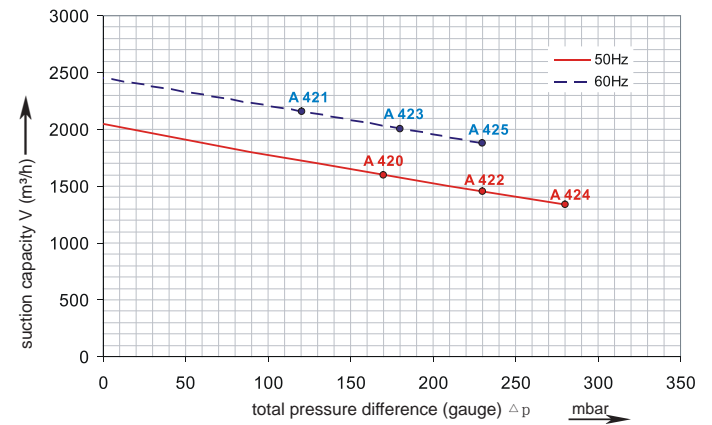
## G-2RB

Performance curve for Vacuum pump



## 2RB 943

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 2RB943

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 420	2RB943-7BH27 <sup>1)</sup>	50	15.0	345D...415D	600Y...720Y	35.0D	20.0Y	-160	170	75	220
A 421	2RB943-7BH27 <sup>1)</sup>	60	17.5	380D...480D	660Y...720Y	36.5D	21.0Y	-110	120	84	220
A 422	2RB943-7BH37 <sup>1)</sup>	50	20.0	345D...415D	600Y...720Y	40.0D	23.0Y	-250	230	75	230
A 423	2RB943-7BH37 <sup>1)</sup>	60	23.0	380D...480D	660Y...720Y	42.0D	24.2Y	-190	180	84	230
A 424	2RB943-7BH47 <sup>1)</sup>	50	25.0	345D...415D	600Y...720Y	52.0D	30.0Y	-310	270	75	235
A 425	2RB943-7BH47 <sup>1)</sup>	60	29.0	380D...480D	660Y...720Y	52.0D	30.0Y	-270	230	84	235



#### 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.

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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.