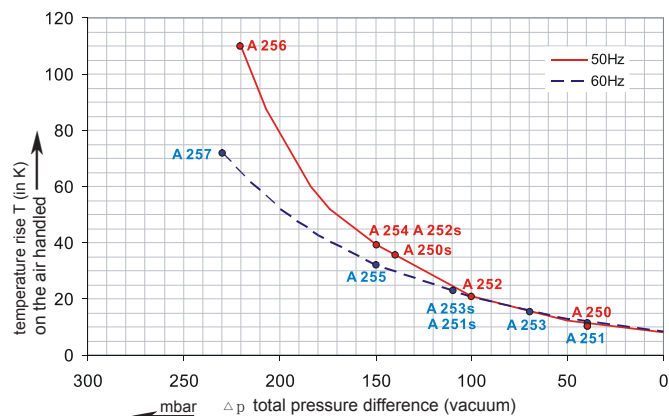
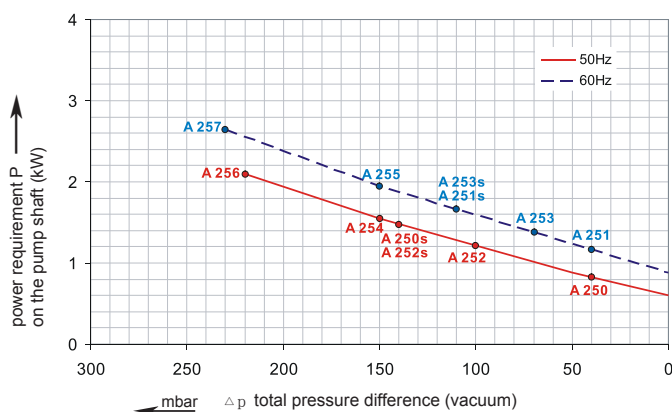
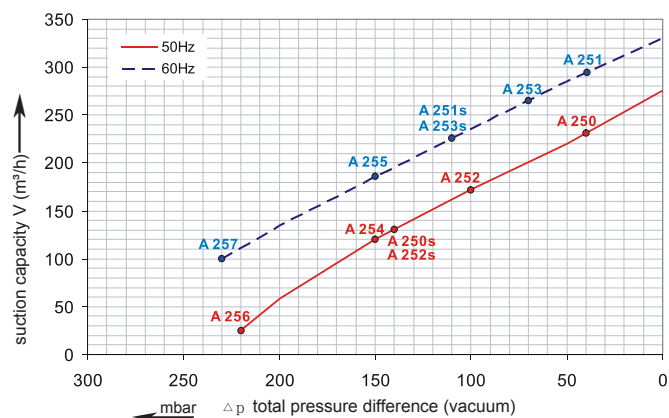




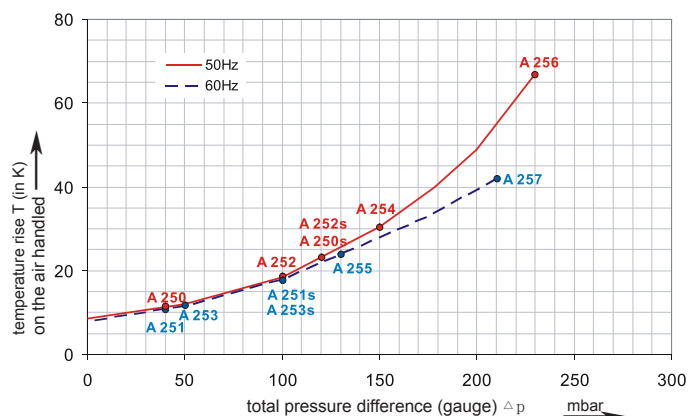
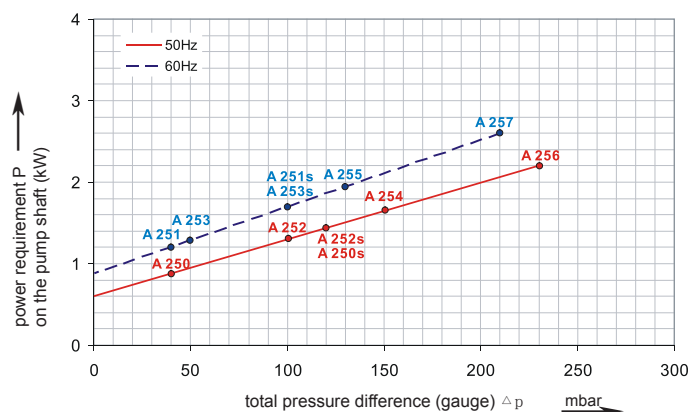
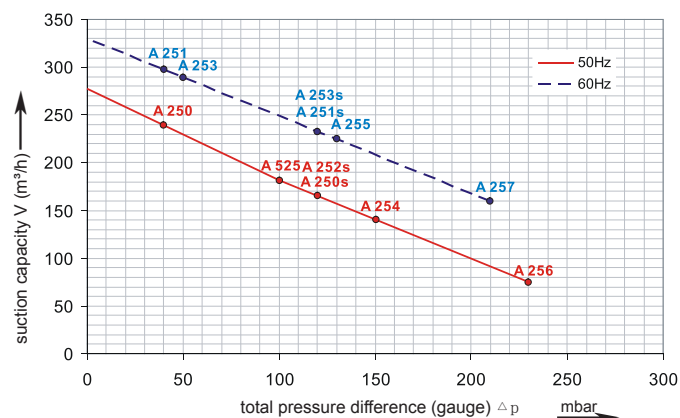
G-2RB

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 ²⁾		Sound pressure level ³⁾	Weight ca.
		Hz	kW	V	A	Vacuum mbar	Compressor mbar	dB(A)	kg

3~ 50/60 Hz IP55 isolation 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		
2RB 530-7AH □.□		
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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