

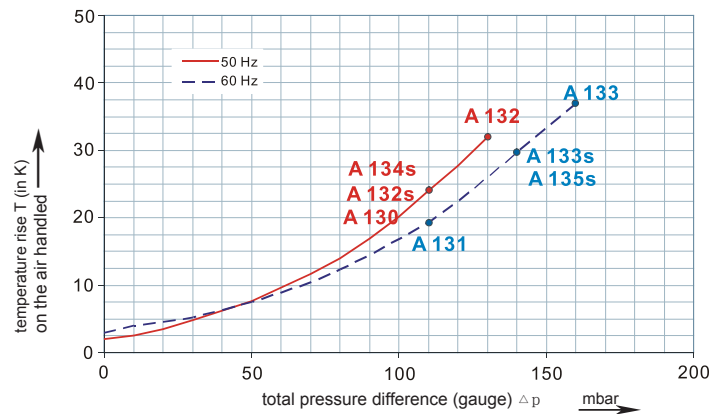
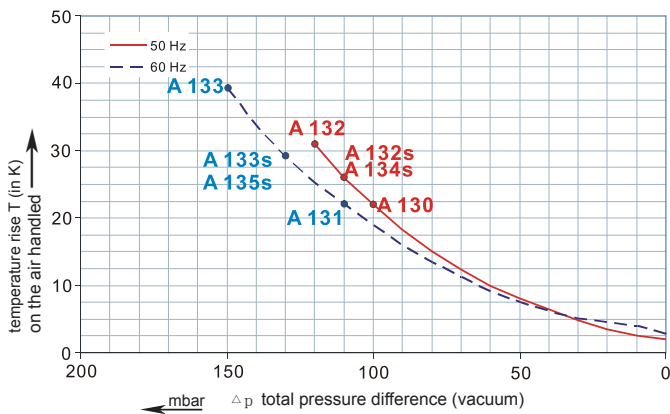
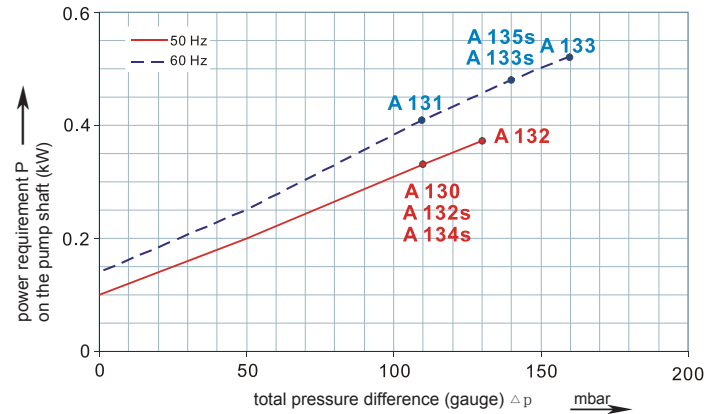
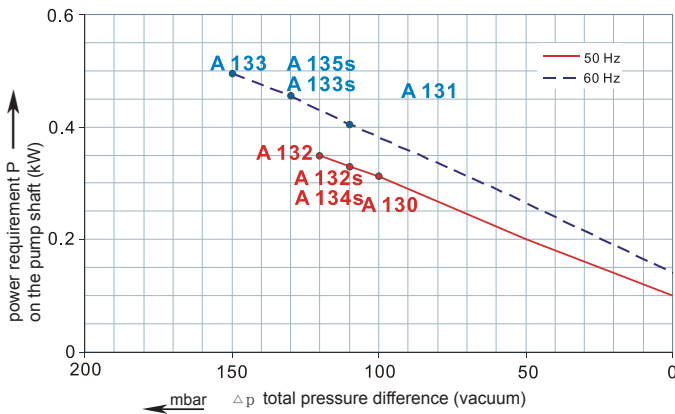
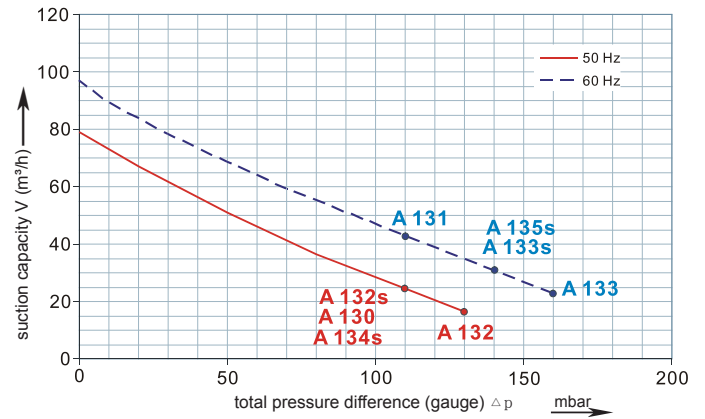
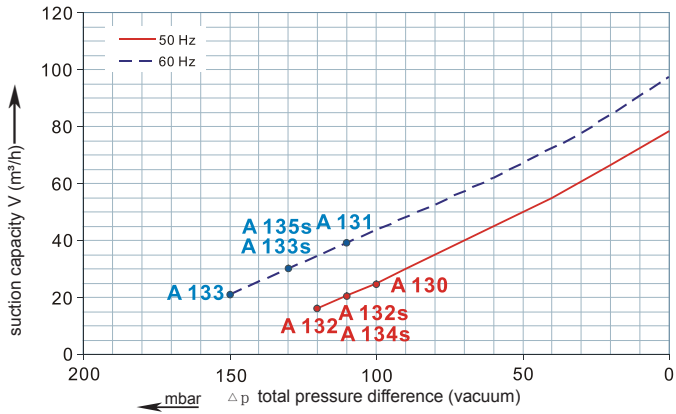
Data sheet 2MV 210

2MV series



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 2MV type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range.

Selection and ordering data

Type 2MV 210

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

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

A 130	2MV 210 H06	50	0.25	200D ... 240D	345Y...415Y	2.1D	1.2Y	-100	110	53	9
A 131	2MV 210 H06	50	0.29	220D ... 275D	380Y...480Y	2.0D	1.15Y	-110	120	56	9
A 132	2MV 210 H16	50	0.4	200D ... 240D	345Y...415Y	2.6D	1.5Y	-120	130	53	10
A 133	2MV 210 H16	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	2MV 210 A11	50	0.37	230		2.7		-110	110	53	11
A 133s	2MV 210 A11	60	0.45	230		3.0		-130	140	56	11



Other voltage ranges

2MV 210

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.

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 %.