

Selection and ordering data

Type 2RB810

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 isulation material class F ,UL 1004-1									
1	2RB810N-7AT07	50	4.00	350 - 450 D / 610 - 725 Y	8.40D/4.80Y	-200	190	70	112
		60	4.60	400 - 500 D / 690 - 725 Y	8.20D/4.70Y	-160	160	74	112
2	2RB810N-7AT17	50	5.50	350 - 450 D / 610 - 725 Y	11.1D/6.40Y	-300	280	70	126
		60	6.30	400 - 500 D / 690 - 725 Y	11.0D/6.40Y	-260	250	74	126
3	2RB810N-7AT27	50	7.50	350 - 450 D / 610 - 725 Y	15.1D/8.70Y	-320	410	70	128
		60	8.60	400 - 500 D / 690 - 725 Y	15.3D/8.90Y	-350	360	74	128

1) Relief valves available for limiting differential pressure.

2) Measuring surface sound pressure level acc. to EN ISO 3744, measured with an equivalent unit at a distance of 1 m. The pump is throttled to an average suction pressure, with piping connected, but no relief valves fitted, tolerance ± 3 dB(A).

All 2RB fulfil the 2006/42/EC(machinery)and 2006/95/EC(low voltage) directives and the EN 60034-1 norm "Rotating electrical machines".

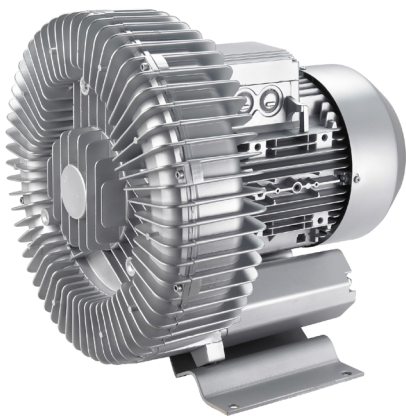
The motors comply with EN 60 034-1 / -2 /-30(IEC 60034) and thermal class F.

The voltage tolerance is $\pm 5\%$.

The frequency tolerance is $\pm 2\%$ maximum.

Other voltage ranges						
50 Hz	50 Hz Voltage range	60 Hz Voltage range	86 Hz (5000 rpm)		2RB...-7.	<input type="checkbox"/>
3~IE2/ (EFF I)						
200 V D/345 V Y	180-240 V D /310-415 V Y	200...275 V D/345...480 V Y	-----			T 1
500 V D	450-550 V D	520...600 V D	-----			T 5
230 V D/400 V Y	200-260 V D /350-450 V Y	230...290 V D/400...500 V Y	400 V D			T 6
400 V D/690 V Y	350-450 V D /610-725 V Y	400...500 V D/690...725 V Y	-----			T 7

4) Performance can different if standard motors are used.Please refer to corresponding data sheets.



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