

Selection and ordering data

Type 2RB820

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	2RB820-7HT27	50	7.50	350 - 450 D / 610 - 725 Y	15.1D/8.70Y	-380	350	74	1 €
		60	8.60	400 - 500 D / 690 - 725 Y	15.3D/8.90Y	-310	270	78	1 €
2	2RB820-7HT37	50	11.0	350 - 450 D / 610 - 725 Y	22.0D/12.7Y	-430	560	74	110
		60	12.6	400 - 500 D / 690 - 725 Y	22.0D/12.9Y	-460	470	78	110
3	2RB820-7HT47	50	15.0	350 - 450 D / 610 - 725 Y	30.5D/17.3Y	-460	670	74	120
		60	17.3	400 - 500 D / 690 - 725 Y	29.5D/17.0Y	-490	720	78	120

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".

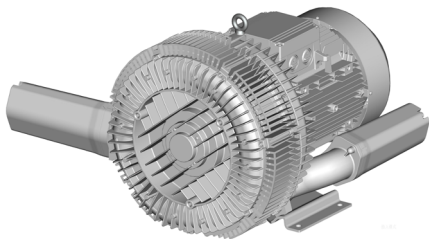
The motors comply with EN 60 034-1 / -2 /-30(IEC 60034) and thermal class F.

The voltage tolerance is +/- 5%.

The frequency tolerance is +/- 2% maximum.

Other voltage ranges						
50 Hz	50 Hz Voltage range	60 Hz Voltage range	86 Hz (5000 rpm)		2RB...-7.	<input type="checkbox"/> . <input type="checkbox"/>
3~IE2/ (EFF 1)						
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.