

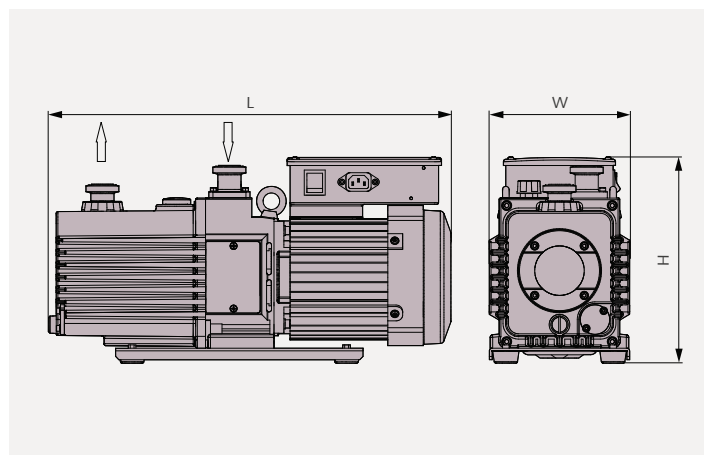
Zebra

Two-Stage Rotary Vane Vacuum Pumps RH 0003–0021 B

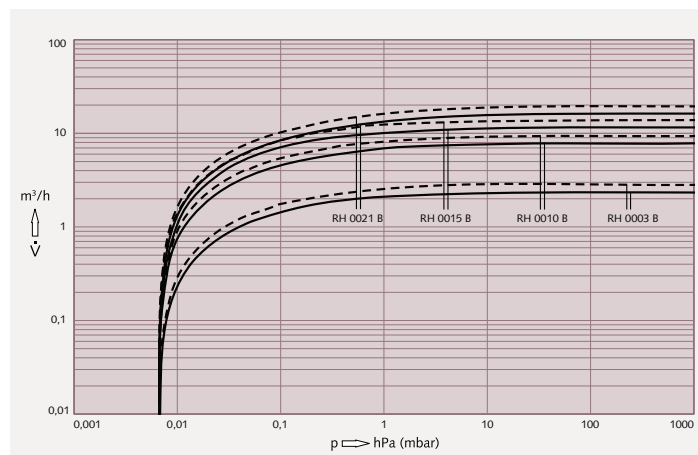
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Pumping speed Air at 20 °C. Tolerance: ± 10% — 50 Hz ----- 60 Hz



Technical data			RH 0003 B	RH 0010 B	RH 0015 B	RH 0021 B
Pumping speed	50 Hz / 60 Hz	m³/h	2.4 / 2.9	8.1 / 9.7	12.0 / 14.4	16.9 / 20.2
Pumping speed	50 Hz / 60 Hz	l/min	40 / 48	135 / 162	200 / 240	280 / 336
Ultimate partial pressure	Gas-ballast valve closed	hPa (mbar)	$6.7 \cdot 10^{-4}$	$6.7 \cdot 10^{-4}$	$6.7 \cdot 10^{-4}$	$6.7 \cdot 10^{-4}$
Ultimate total pressure	Gas-ballast valve closed	hPa (mbar)	$6.7 \cdot 10^{-3}$	$6.7 \cdot 10^{-3}$	$6.7 \cdot 10^{-3}$	$6.7 \cdot 10^{-3}$
Ultimate total pressure	Gas-ballast valve open	hPa (mbar)	$6.7 \cdot 10^{-2}$	$6.7 \cdot 10^{-2}$	$6.7 \cdot 10^{-2}$	$6.7 \cdot 10^{-2}$
Max. continuous inlet pressure		hPa (mbar)	100	100	100	100
Max. back pressure (gauge)		hPa (mbar)	300	300	300	300
Water vapour capacity	Gas-ballast valve open	g/h	5	38	40	73

Motor data single-phase version						
Nominal motor rating		kW	0.2	0.4	0.55	0.75 – 0.9
Operating voltage		V	100–120 / 200–240	100–120 / 200–240	100–120 / 200–240	115 / 200–240

Motor data three-phase version						
Nominal motor rating		kW		0.4	0.55	0.7
Operating voltage	50 Hz 60 Hz	V		200–240 / 380–415 200–240 / 380–460	200–240 / 380–415 200–240 / 380–460	200–240 / 380–415 200–240 / 380–460

Physical data						
Ambient temperature		°C	7–40	7–40	7–40	7–40
Oil			VSD 026	VMA 055	VMA 055	VMA 055
Oil capacity		l	0.8	1	1.1	1.1
Noise level (ISO 2151)	Single-phase Three-phase	dB(A)	< 52 / < 53 -	< 52 / < 54 < 49 / < 52	< 54 / < 56 < 52 / < 55	< 59 / < 61 < 59 / < 63
Weight approx.	Single-phase Three-phase	kg	16	29 26	31 29	42 34.5
Dimensions (L x W x H)	Single-phase Three-phase	mm	427 x 150 x 228 -	488 x 170 x 250 486 x 170 x 240	516 x 170 x 250 514 x 170 x 240	585 x 182 x 271 536 x 181 x 269
Gas inlet / outlet			ISO-KF 25 / ISO-KF 25	ISO-KF 25 / ISO-KF 25	ISO-KF 25 / ISO-KF 25	ISO-KF 25 / ISO-KF 25

Applicable standards						
Marking			cTUVus	cTUVus	cTUVus	cTUVus

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Article Numbers, Genuine Accessories and Spare Parts		RH 0003 B	RH 0010 B	RH 0015 B	RH 0021 B
With single-phase motor					
100–120 / 200–240 (50/60 Hz)	1141168791	1141168792	1141168795	-	
115 / 200–240 (50/60 Hz)	-	-	-	1141168797	
With three-phase motor					
200-240 / 380-460, 50/60 Hz	-	1141168793	1141168796	1141168798	
Inlet accessories¹					
Inlet filter FIL 0040	0530168811				
Spare polyester filter element for FIL 0040	0532121861				
Special purpose filter element for FIL 0040	on request				
Outlet accessories²					
Oil mist separator OMS 0003	0960168804	-	-	-	
Spare filter element for OMS 0003	0532169042	-	-	-	
Oil mist separator OMS 0021	-	0960168805			
Spare filter element for OMS 0021	-	0532169043			
Other accessories					
Gas-ballast valve	included				
Oil					
VSD 026, 1L	0831169419	-	-	-	
VMA 055, 1L	-	0831169415			
VMA 055, 5L	-	0831169416			
Maintenance kits					
Minor maintenance kit	0992168912	0992168944	0992168946	0992168948	
Major maintenance kit	0993168943	0993168945	0993168947	0993168949	
Cord sets					
Europe	supplied with open wire power cord	included			
North America NEMA 5/15, 2 metres	-	0659930583			
North America NEMA 6/15, 2 metres	-	0659930582			
Other cord sets	-	on request			

¹ All filters include housing, polyester filter element and mounting hardware
² All oil mist separators include housing, filter element and mounting hardware