



RVS Series

side-by-side comparison

SINGLE-STAGE OIL-SEALED ROTARY VANE VACUUM PUMPS



RVS20



RVS65



RVS100



RVS200



RVS300

	UNIT					
Nominal Pumping Speed	cfm (m ³ /h)	14.1 (24)	38.3 (65)	70.6 (120)	141.3 (240)	176.6 (300)
Ultimate Pressure without Gas Ballast	Torr	/	≤ 0.25	≤ 0.25	≤ 0.075	≤ 0.075
Ultimate Pressure with Gas Ballast I	Torr	≤ 1.5	≤ 0.5	≤ 0.5	≤ 0.375	≤ 0.375
Ultimate Pressure with Gas Ballast II	Torr	/	≤ 1.5	≤ 1.5	≤ 1.125	≤ 1.125
Noise (Lw)	dB	≤ 65	≤ 65	≤ 65	≤ 74	≤ 77
Power Supply		1 PH	3 PH	3 PH	3 PH	3 PH
Nomial Motor Rating	hp	1.0	2.0	4.0	7.5	10.0
Motor Speed	rpm	3440	1720	1720	1720	1720
Oil Capacity	quarts	0.5	2.1	2.6	7.4	8.5
Protection Class		IP54	IP54	IP54	IP54	IP54
Inlet Thread		G1/2"	G1 1/4"	G1 1/4"	G2"	G2"
Approximate Weight	lbs	43	94	159	362	474
Dimensions (LxWxH)	in	12.5 x 9.8 x 8.6	21.9 x 12.2 x 10.6	27.7 x 16 x 11.3	36.6 x 20.9 x 17.2	40.7 x 21.3 x 17.1