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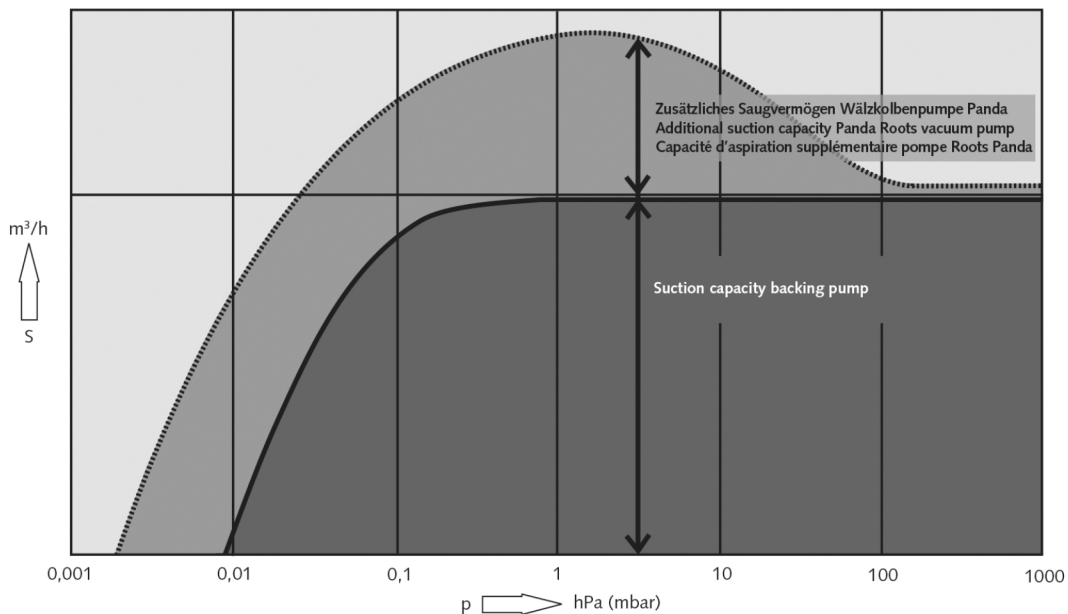
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Busch WV series Technical Specifications

			Panda WV 0250 C	Panda WV 0500 C	Panda WV 1000 C	Panda WV 1500 C	Panda WV 2000 C	Panda WV 4500 B
Nominal displacement	50 Hz	m ³ /h	260	525	1050	1600	2120	4500
	60 Hz	m ³ /h	315	630	1260	1920	2540	5400
Max. differential pressure		hPa (mbar)	53	53	43	43	43	25
Nominal motor rating	50 Hz	kW	1,1	1,5	3,5	4,2	6	11
	60 Hz	kW	1,2	2,2	4,8	5,2	7,6	12,6
Nominal motor speed	50 Hz	min ⁻¹	1500	3000	3000	3000	3000	3000
	60 Hz	min ⁻¹	1800	3600	3600	3600	3600	3600
Oil filling		l	1,25	1,25	2,4	2,4	4,9	4,2
Weight approx.		kg	136	143	241	270	532	600

Pumping Curves





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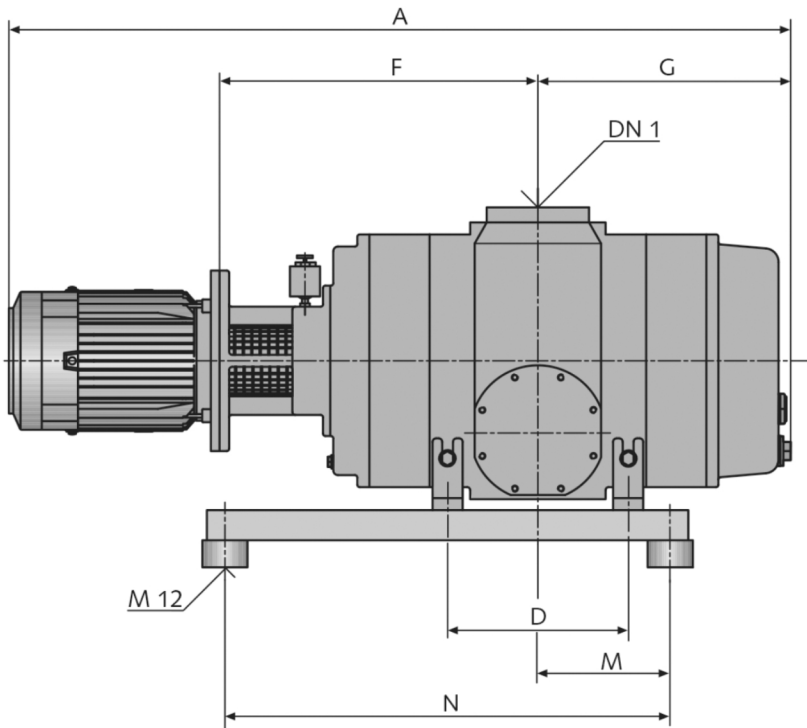
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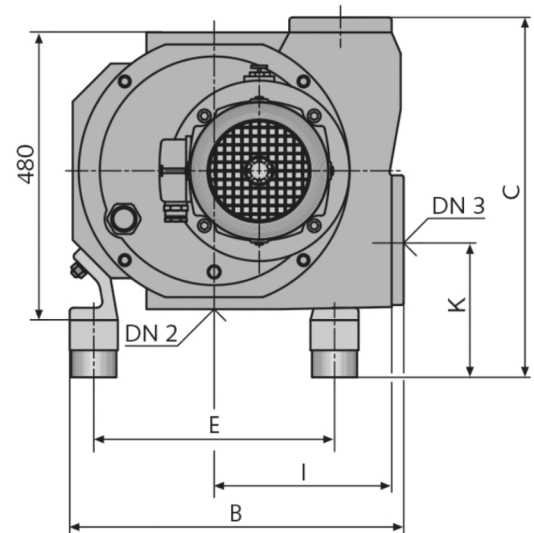
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Busch WV series Dimensions



WV-2000



	A	A	B	C	D	E	F	G	I	K	M	N	DN 1	DN 2	DN 3
	50 Hz 60 Hz														
Panda WV 0250 C	904	904	352	420	170	220	352	276	177,5	190	230	460	100 ISO	100 ISO	63 ISO
Panda WV 0500 C	904	904	352	420	170	220	352	276	177,5	190	230	460	100 ISO	100 ISO	63 ISO
Panda WV 1000 C	1034	1052	402	483	215	280	408	312	165	226	177,5	620	160 ISO	100 ISO	100 ISO
Panda WV 1500 C	1072	1072	424	515	280	260	418	322	224	243	210	620	160 ISO	100 ISO	100 ISO
Panda WV 2000 C	1347	1287	555	600	300	400	529	420	295	225	220	740	160 ISO	160 ISO	160 ISO
Panda WV 4500 B	1444	1444	689	510	380	360	563	455	-	-	190	-	250 ISO	160 ISO	-



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Busch WV series Features & Benefits

- dry-running vacuum pump used together with backing pumps in all rough & fine vacuum applications where large suction volumes are required
- work completely contact-free, without seal fluids in working chamber
- suction capacity and ultimate pressure can be designed optimally in economic terms
- integrated bypass valve makes operation possible from atmospheric pressure onwards
- variable, horizontal or vertical pumping direction

Applications

- chemical & pharmaceutical industry • drying & impregnating
- thin-film technology • plastics • semiconductor • vacuum packaging
- photovoltaics • electrical engineering/electronics • research & laboratory • metallurgy • central vacuum supply

