

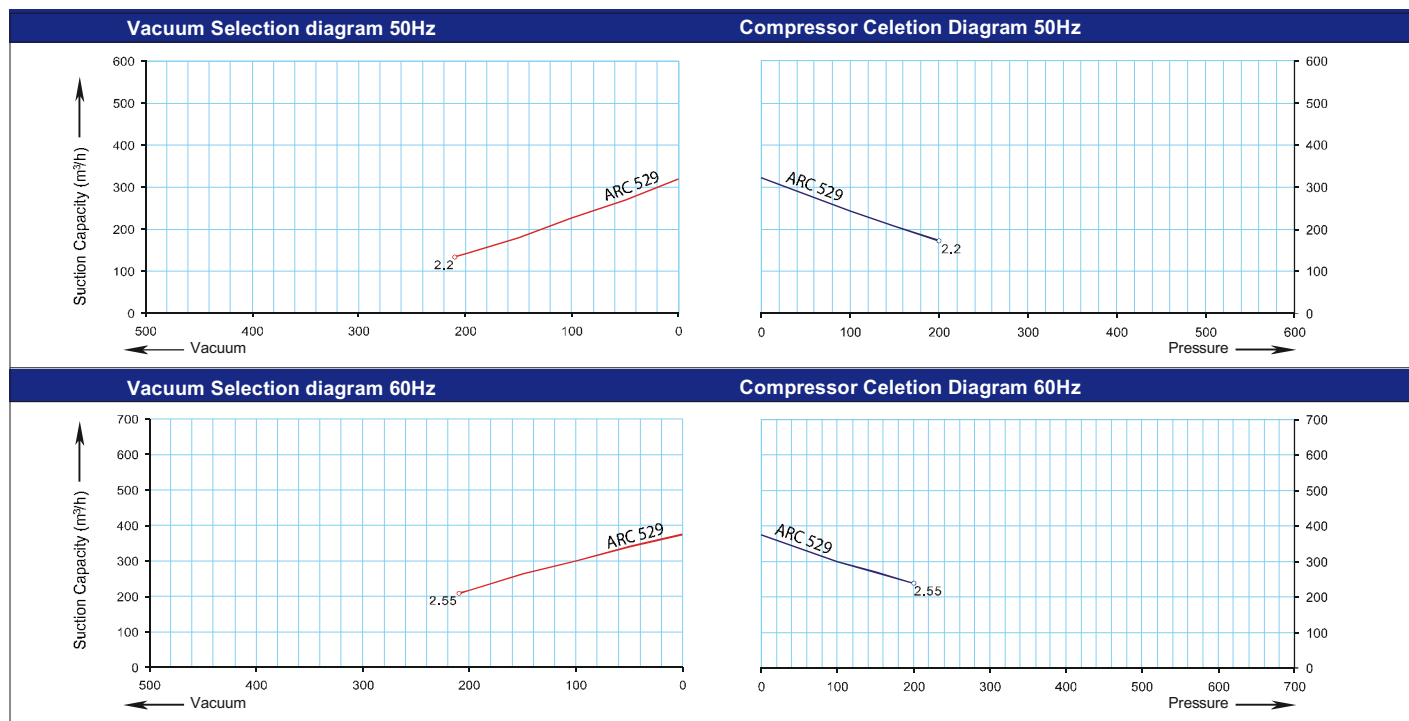
Selection and ordering data for side channel compressor in vacuum and pressure operation.

Order No.	MOTOR				Weight	Sound-				Vacuum relief
available ex stock	Frequency	rated			approx.	pressure	Maximum airflow	Maximum vacuum	Maximum pressure	valve
		output	voltage	current						Items x type
	HZ	KW	V	A	kg	dB(A)	m³/h	mbar	mbar	
ARC 529	50	2.20	200-240 Δ / 345-415	9.7 Δ / 5.6Y	30	69	318	-210	200	1x...2110 / ...2145
	60	2.55	220-275 Δ / 380-480	10.3 Δ / 6.0Y		72	376	-210	200	1x...2114 / ...2146

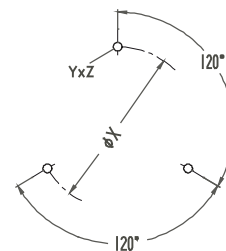
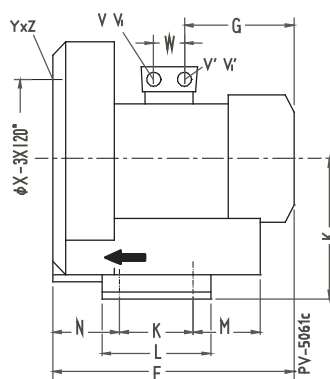
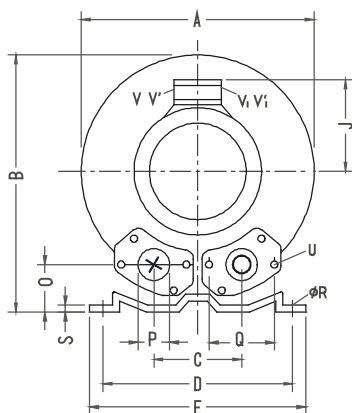


ARC 529 Series Selection diagram 50/60Hz 3AC

The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.013mbar and a tolerance of ±10%. The total pressure differences are valid up to an intake and ambient temperature of 25°C.



Dimensions for side channel compressor ARC 529 (mm)



Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O
ARC 529	3~	382	384	125	290	325	377	191	197	128	140	180	84	109	54
ØP	Q	ØR	S	U	V(1~)	V'(1~)	V(1(3~)	V'(1(3~)	YxZ	X-Holes	ØX	W			
55	83	15	4.5	M8x17	-	-	-	-	M10x20	0°/120°/240°	240	29			