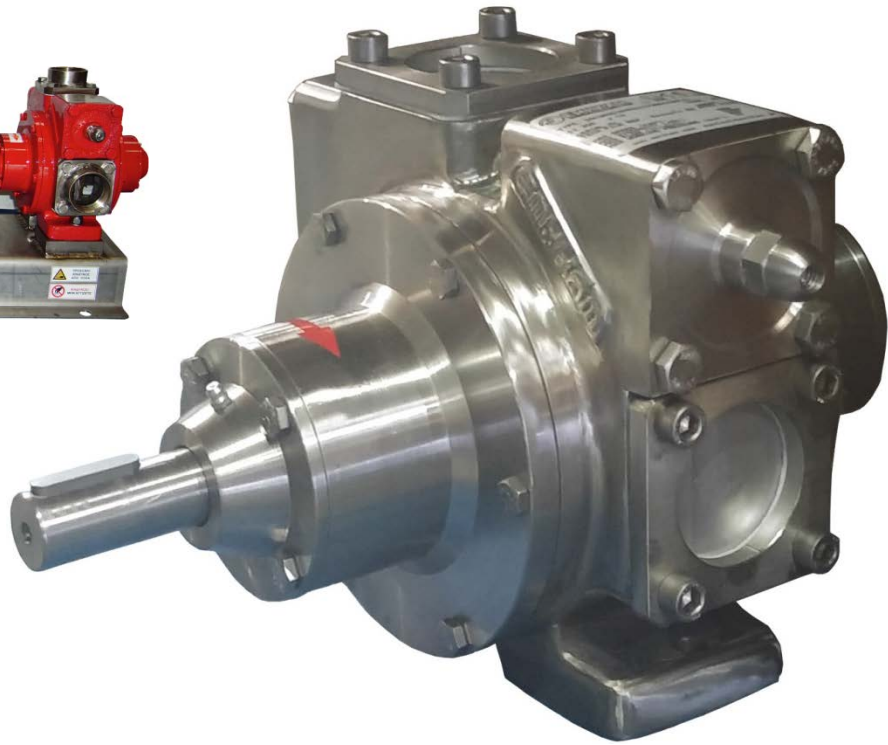


Sliding Vane Pumps

316 and 304 stainless steel pumps for corrosive or caustic fluids



SAC series



Overview

The SAC series pumps are built according to the pumped medium, using a variety of available materials for metal and elastomer parts. It is available in three sizes, 2 , 2.5 and 3inch. The main metal parts are 316 and 304 stainless steel, the mechanical seals and the vanes are available in several material options. It is designed with double discharge ability for easy installation and built-in adjustable by-pass valve.

General specifications

- 86lpm to 1240lpm
- 6 vanes of advanced polymer
- Mechanical seals in several options
- built in adjustable by-pass valve
- double end shaft as an option
- two way discharge ability

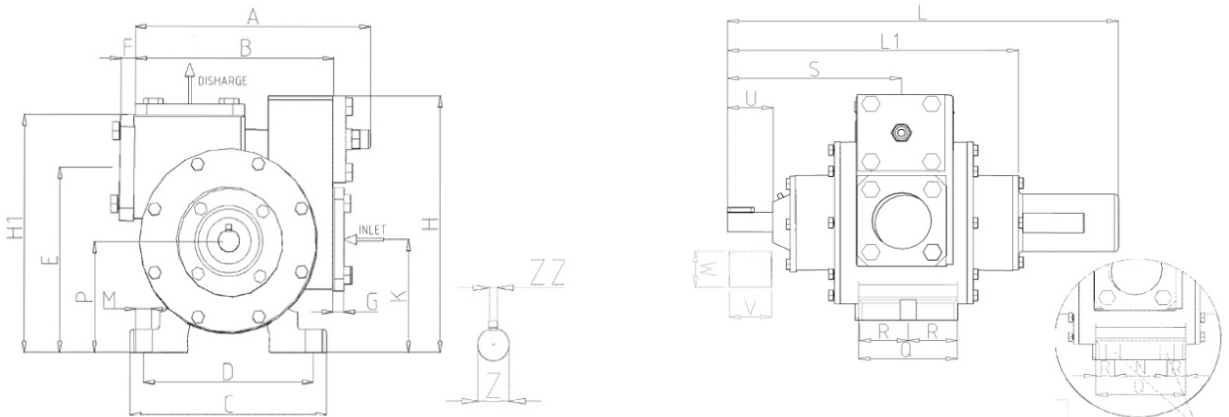
Maximum specifications chart

Pump model	Minimum Pump Speed			Maximum Pump Speed			maximum differential pressure	maximum working pressure	Maximum operating temperature
	Speed	Flow	Viscosity	Speed	Flow	Viscosity			
	Rpm	lpm (gpm)	cSt (ssu)	Rpm	lpm (gpm)	cSt (ssu)	bar (psi)	bar (psi)	°C (°F)
SAC2	200	120 (32)	4250(20000)	800	500 (132)	6 (46)	9(130)	12(174)	200 (392)
SAC2.5	200	200 (53)	4250(20000)	800	775 (205)	6 (46)	9(130)	12(174)	200 (392)
SAC3	150	196 (52)	4250(20000)	800	1240 (328)	6 (46)	9(130)	12(174)	200 (392)

Performance data

Pump Model	SAC2			SAC2.5			SAC3		
Pump speed	640	520	420	640	520	420	640	520	420
lpm	390	330	260	640	520	420	1090	900	710
gpm	103	87	69	169	137	111	288	238	188
Hp	2.2	1.6	1.0	4.6	2.4	1.5	10.8	7.9	6.8

Dimensions



Pump model	A	B	C	D	E	F	G	H	H1	K	L	L1	M	N	P	Q	R	S	U	V	W	Z	ZZ	Weight	
SAC2	mm	255	198	193	167	172	16	10	227	219	96	461	381	16	-	103	91	45	223	65	50	48	28	4	36.5kg
	inch	10	7.8	7.59	6.57	6.77	0.62	0.39	8.93	8.62	3.78	18.15	15	0.62	-	4.05	3.58	1.77	8.78	2.56	1.97	1.89	1.10	0.15	80lbs
SAC2.5	mm	290	213	205	179	187	16	12	258	244	104	491	409	16	-	108	112	57.5	238	67	50	48	30	4	51.5kg
	inch	11.47	8.38	8.07	7.04	7.36	0.62	0.47	10.15	9.6	4.1	19.33	16.10	0.62	-	4.25	4.4	2.26	9.37	2.63	1.97	1.89	1.18	0.15	112lbs
SAC3	mm	326	262	244	214	-	-	15	326	301	125	524	433	14	100	141	126	14	255	75	50	51	35	5	81kg
	inch	12.83	10.31	9.6	8.42	-	-	0.59	12.83	11.85	4.92	20.63	17.05	0.55	3.93	5.55	4.96	0.55	10	2.95	1.97	2	1.37	0.19	178.5lbs

2way discharge ability



Flanges

Pump model	standard	optional
SAC2	EMHKAM weld	BSPP, NPT ANSI ADAPTOR
SAC2.5	EMHKAM weld	BSPP, NPT ANSI ADAPTOR
SAC3	EMHKAM weld	BSPP, NPT ANSI ADAPTOR

ATEX 



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