

SMINOX K 100/1

New Product



DEFINITION

Stainless steel body, stainless steel closed impeller centrifugal pumps. It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in treatment systems, food industries, hospitals, hygienic areas, pool circulation in fish farms which because of all surfaces contact with water are stainless steel can maximum discharge up to 26 meters.

MATERIAL PROPERTIES

PUMP BODY	AISI 304 INOX (AISI 316 INOX)
IMPELLER	AISI 304 INOX (AISI 316 INOX)
SHAFT	AISI 304 INOX (AISI 316 INOX)
FLOW RATE (max.)	8 m ³ /hour
TOTAL HEAD (max.)	26 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (P_{max})	4 bar

TECHNICAL SPECIFICATIONS

TYPE	MOTOR						PUMP												
	KW	HP	V		Hz	A		rpm	CAPACITOR		Suction	Input	KG	m ³ /h	2	3	4	6	8
			SINGLE	THREE		SINGLE	THREE		uf	Vc	m	Output							
* SMINOX K 100/1 SMINOX K 100/1T	0.75	1	220	380	50	5.2	2.4	2900	45	450	6	1" 1"	10.7	mss	19	17	15	10	-
* SMINOX K 150/1 SMINOX K 150/1T	1.1	1.5	220	380	50	6.1	2.6	2900	50	450	6	1" 1"	11.2		23	21	19	14	6

DIMENSIONS

Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SMINOX K 100/1 SMINOX K 100/1T	104	72	330	179	138	203	104	216	G 1" ^{1/4}	G 1"
SMINOX K 150/1 SMINOX K 150/1T	104	72	330	179	138	203	104	216	G 1" ^{1/4}	G 1"

*Optionally, it can be used in hot water application up to 90°C
*Optionally, it can be produces with AISI 316 stainless steel.

