

## Single-stage centrifugal pumps

### Applications

Jet-stream swimming in public or private swimming-pools.  
Generate a strong stream of water and transform swimming-pools into places for sport and leisure.

### Materials

Pump body, impeller, seal mounting and diffuser in technopolymer.  
Mechanical seal in graphite and alumine.  
Suction valve in reinforced rubber.  
**Shaft in stainless steel AISI 431.**  
Pump-motor support and motor housing in aluminium.

### Motor

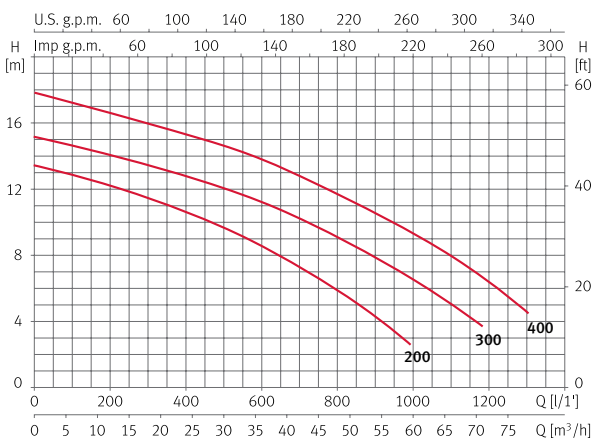
Asynchronous, two poles.  
IP 55 protection.  
Class F insulation.  
Continuous operation.  
Single-phase with built-in thermal protection.  
**10.000 hours P2 capacitor with aluminium casing.**



### Hydraulic performance table

Model	I [A]			P1 [kW]		P2		c	l/min	100	200	400	600	800	1000	1200	1300	1~230 V	3~400 V
	1~230 V	3~230 V	3~400 V	1~230 V	3~400 V	[kW]	[HP]											[µF]	m³/h
Nadorsel 200	10,2	6,7	4	2,2	2,2	1,5	2	40		12,9	12,2	10,6	8,5	6				96985	96984
Nadorsel 300	13,4	8,6	5	3	3	2,3	3	60	<b>mwc</b>	14,6	14	12,8	11,3	9	6,5			203166	203168
Nadorsel 400		11,8	6		3,4	3	4			17,2	16,6	15,3	13,8	11,6	9,4	6,3	4,5		203169

### Performance curves at 2900 rpm



### Dimensions and weights

Model	A	B	C	D	E	F	G	H	I	Kg
Nadorsel 200	416	335	615	130	248,5	418,5	70	2 <sup>1/2</sup> "	46,5	25,1/23,1
Nadorsel 300	416	335	615	130	248,5	418,5	70	2 <sup>1/2</sup> "	46,5	26,1/25,8
Nadorsel 400	416	335	615	130	248,5	418,5	70	2 <sup>1/2</sup> "	46,5	28

