

NSZ Stainless Steel Pool Pump



Model Definition

NS Z 300 G S W S

- S: 304; L: 316L
- W: 50Hz; L: 60Hz
- S: 3PH ($\leq 3\text{KW}$, 220/380V; $> 3\text{KW}$, 380V) D: 1PH (220V)
- G: Metric joints; Y: Inch joints
- Motor power HP*100 pump
- Series number
- Pool Pump



Materials

- Stainless Steel AISI 304 made pump body, impeller, shaft and filter
- Mechanical seal material: Graphite/ Silicon Carbide
- Rubber parts: NBR

Working Condition

- Working Temp: $-20\text{--}100^\circ\text{C}$
- Ambient Temp: $\leq 40^\circ\text{C}$
- Working Pressure: $\leq 10\text{bar}$

Motor

- 380V 50Hz
- Totally enclosed motor with air-cooled secondary motor
- Protection class: IP55
- Insulation class: F

Curve Condition

- Following condition are suitable for performance below:
- Curve tolerance conform to ISO9906:2012 Grade 3B.
 - All curves are based on measured values under motor speed 2900rpm or 2950rpm.
 - Measurement is done with 20°C air-free water with kinematic viscosity of $1\text{mm}^2/\text{s}$.

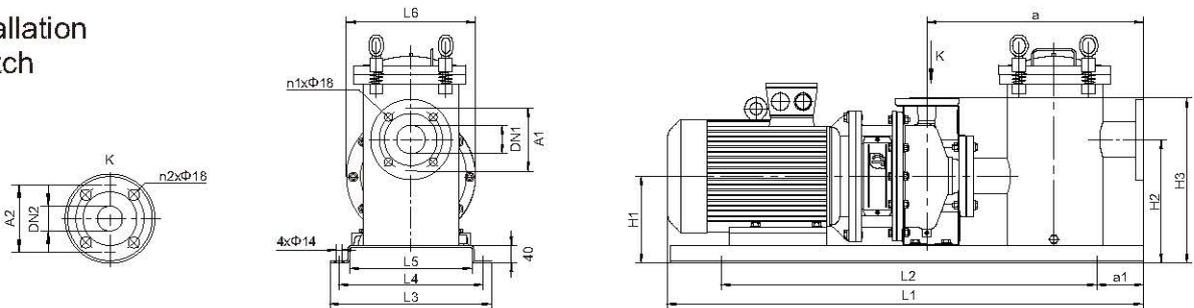
Typical Applications

- Water circulation and filtration in large swimming pools.

Characteristic

- NSZ stainless steel horizontal single pole swimming Pool Pump are made by advanced processing like stainless steel plate stamping and bulging welding technology. It can replace traditional casting pool pumps. It is high efficient, energy-saving, light corrosion resistant with beautiful appearance, light but compact structure, low noise and long durability.

Installation Sketch



Model	Dimension [mm]																
	DN1	DN2	A1	A2	n1	n2	a	a1	H1	H2	H3	L1	L2	L3	L4	L5	L6
NSZ300	65	40	145	110	4	4	460	35	152	272	294	882	810	280	240	192	210
NSZ400	65	40	145	110	4	4	460	35	152	272	294	912	840	300	260	212	250
NSZ550	65	50	145	125	4	4	466	41	172	292	338	950	870	330	290	242	250
NSZ750	65	50	145	125	4	4	480	41	200	290	380	1060	960	370	330	280	300
NSZ1000	80	65	160	145	8	4	535	50	200	320	380	1125	1025	370	330	280	300
NSZ1250	80	65	160	145	8	4	535	50	200	320	380	1125	1025	370	330	280	300
NSZ1500	100	80	180	160	8	8	675	50	220	370	445	1380	1280	420	380	330	350
NSZ2000	100	80	180	160	8	8	675	50	220	370	445	1380	1280	420	380	330	350