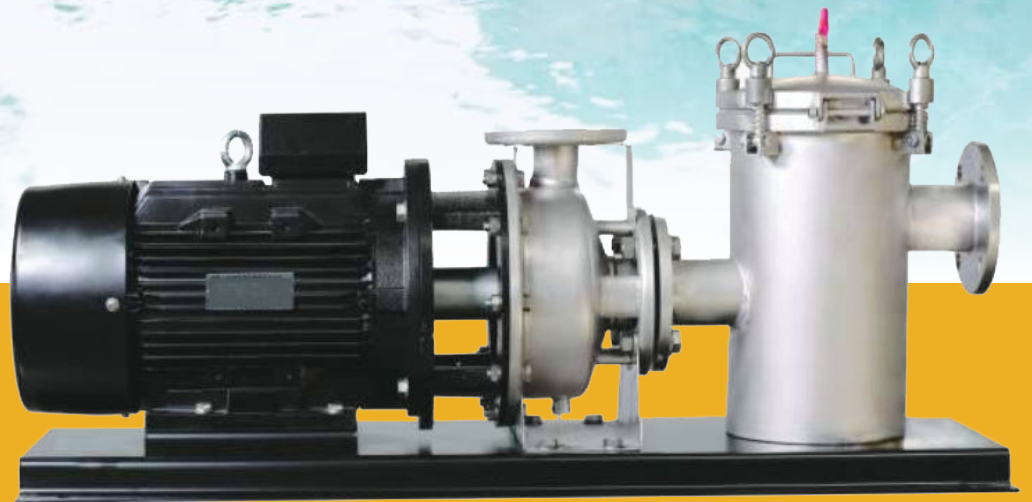


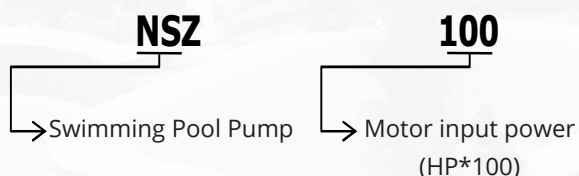
NSZ



**SWIMMING POOL
PUMP**



MODEL DEFINITION



TYPICAL APPLICATIONS

Water circulation and filtration in large swimming pools

MATERIAL

Pump body-impeller-filter: stainless steel aisi 304
 Pump shaft: stainless steel aisi 304
 Mechanical seal: graphite/silicon carbide
 Rubber parts : nbr

MOTOR

380v 50hz
 Tefc secondary
 Motor protection
 Class: 55
 Insulation class: F

WORKING CONDITION

Liquid temperature: $-20 \sim 100^{\circ}\text{C}$
 Ambient temperature: $\leq 40^{\circ}\text{C}$
 System pressure: $\leq 10 \text{ bar}$

CURVE CONDITION

Following conditions are suitable for performance curve below.

Curve tolerance in conformity to ISO9906:2012, Grade 3B.

All curves are based on measured values under motor speed 2900rpm or 2950rpm.

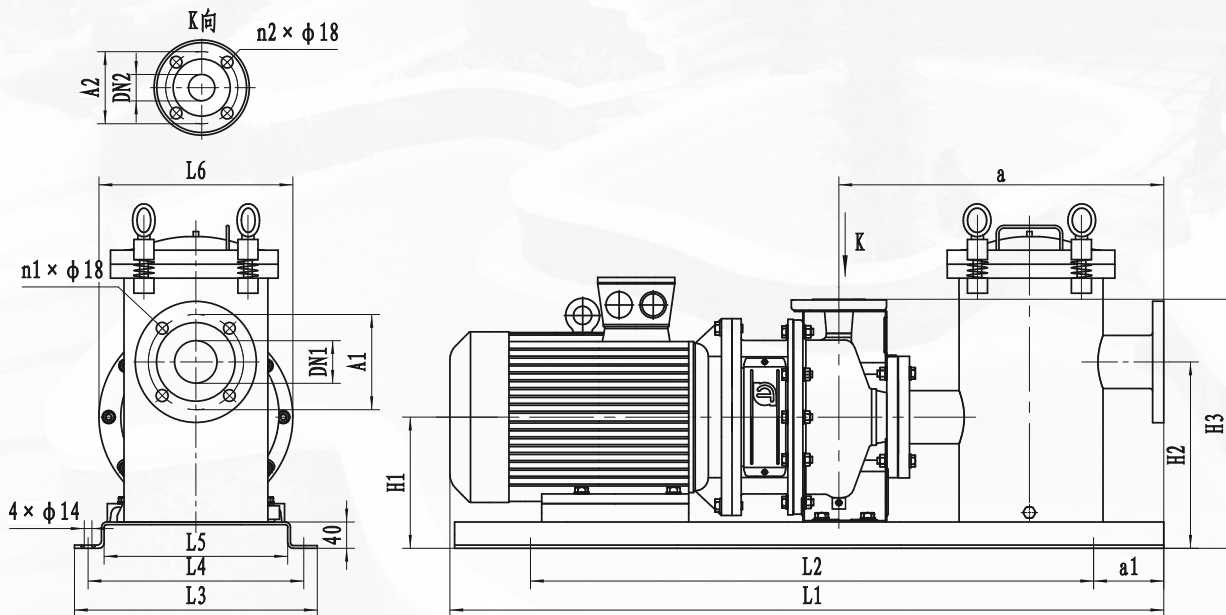
Measurement is done with 20°C air-free water, kinematic viscosity of $1 \text{ mm}^2/\text{sec}$.

MATERIAL

NSZ stainless steel horizontal single stage 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 highly efficient, energy saving, light corrosion resistant with beautiful appearance, light but compact structure, low noise and long durability.

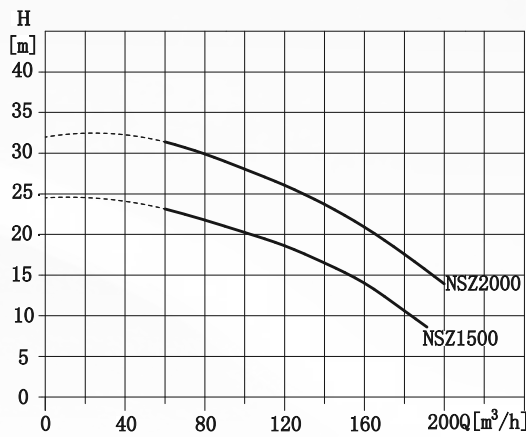
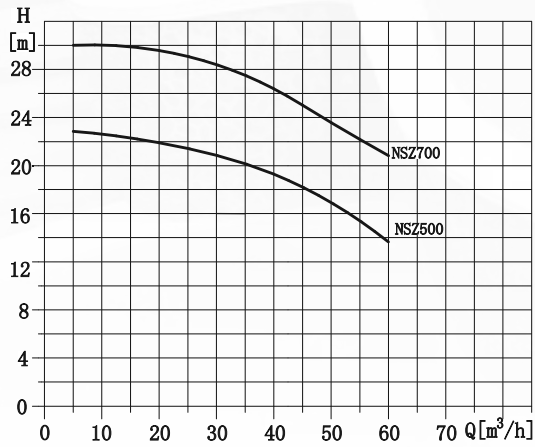
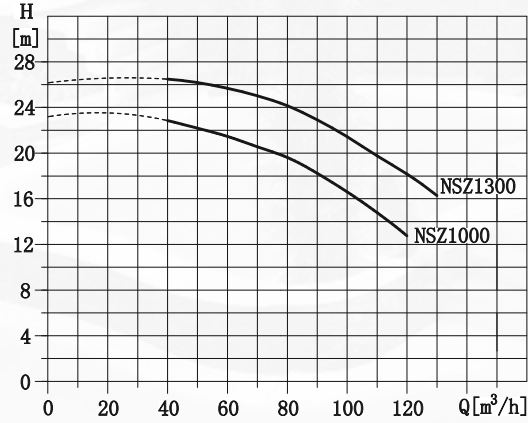
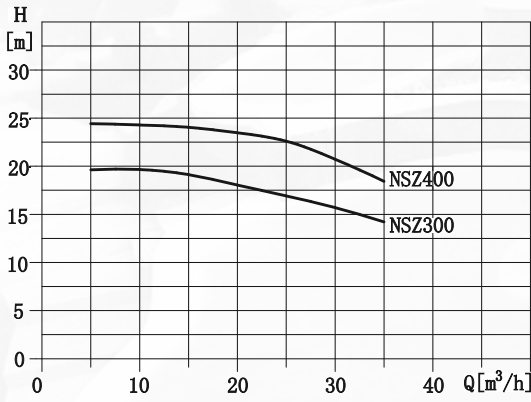
INSTALLATION SKETCH



Model	Dimension (mm)																
	DN1	DN2	A1	A2	n1	n2	a	a1	H1	H2	H3	L1	L2	L3	L4	L5	L6
NSZ - 300	65	40	118	84	4	4	460	35	152	272	290	882	810	280	140	192	210
NSZ - 400	65	40	118	84	4	4	460	35	152	272	290	912	840	300	260	212	250
NSZ - 500	65	50	118	98	4	4	466	41	172	292	338	950	870	330	290	242	250
NSZ - 700	65	50	118	98	4	4	480	41	200	290	380	1160	960	370	330	280	300
NSZ - 1000	80	65	130	118	8	4	535	50	200	320	380	1125	1025	370	330	280	300
NSZ - 1300	80	65	130	118	8	4	535	50	200	320	380	1125	1025	370	330	280	300
NSZ - 1500	100	80	150	130	8	8	675	50	220	370	445	1380	1280	420	380	330	350
NSZ - 2000	100	80	150	130	8	8	675	50	220	370	445	1380	1280	420	380	330	350



CURVE



PERFORMANCE PARAMETER

Model	P1		Max head (m)	Max flow (LPM)	Flow (m³/h) @ Head (m)								
	kW	HP			5	10	20	30	35	40	50	60	-
NSZ - 300	2.2	3	20	35	19.0	18.7	18.1	15.5	13.8	-	-	-	-
NSZ - 400	3	4	25.7	35	24.4	24.0	23.6	20.7	18.5	-	-	-	-
NSZ - 500	4	5	24.2	60	23.0	22.8	22.4	21.0	20.0	19.5	17.1	13.3	-
NSZ - 700	5.5	7	31.6	60	30.0	29.9	29.5	28.1	27.0	26.3	23.8	21	-
					40	60	80	100	120	140	160	180	200
NSZ - 1000	7.5	10	24.5	120	23.0	21.7	19.7	16.6	12.7	-	-	-	-
NSZ - 1300	9.2	13	28.1	130	26.4	26.4	24.2	21.2	18.1	16.4	-	-	-
NSZ - 1500	11	15	23.8	192	23.1	22.4	21.3	19.8	18.5	16.2	13.8	10.6	-
NSZ - 2000	15	20	32.3	200	31.4	30.4	29.0	27.4	25.6	23.1	20.2	16.9	14.5