



END-SUCTION P R O D U C T R A N G E

JET-S100
SELF-PRIMING PUMP
STAINLESS STEEL

SGJS1100
SELF-PRIMING PUMP
STAINLESS STEEL



JET-S 100 & SGJS 1100 SELF-PRIMING PUMP

APPLICATIONS

Self-priming jet water pumps with high efficiency design.

Suction capability of up to 8m depending on altitude.

Suitable applications include; water supply from shallow wells or storage tanks.

System applications for household supply and irrigation systems.



OPERATING LIMITS

Suction lift up to 9m with foot valve

Maximum operating pressure: 8 bar

Maximum ambient temperature: +40°C

Liquid temperature up to +60°C

DESIGN FEATURES

Pump Body: Stainless Steel

Impeller: brass or PPO or "General Electric"

Ejector union: PPO or "General Electric"

Motor shaft: AISI1045

Mechanical seal: NBR/Graphite/Ceramic

PRODUCTION STANDARDS

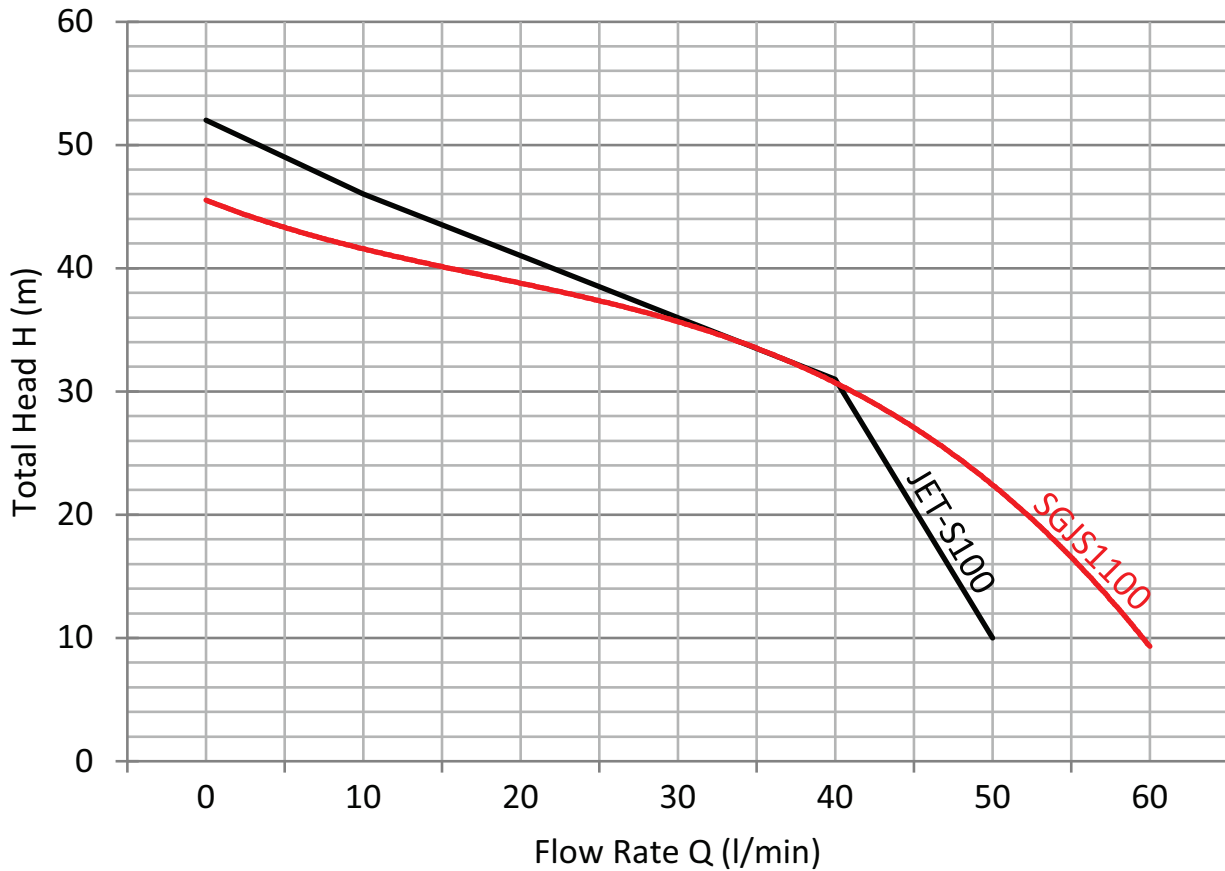
IEC 60034-1

IEC 335-1

IEC 31-1

ISO 2548

PERFORMANCE CURVE



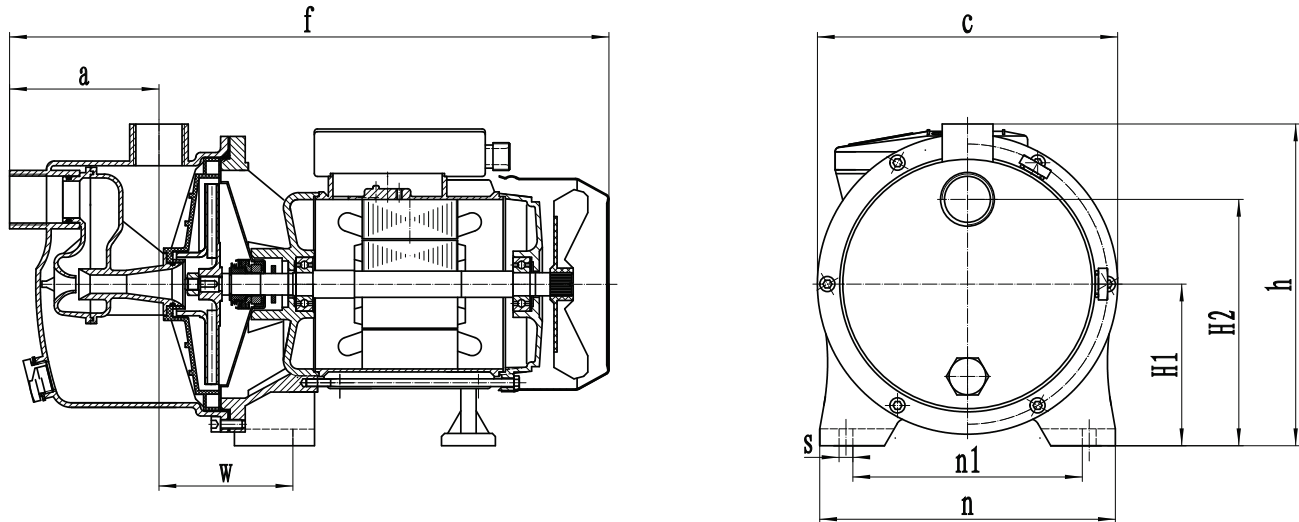
PERFORMANCE DATA

TYPE	POWER		μ F	AMPERE I MAX.	Q (l/min) (m³/h)	0	10	20	30	40	45	50	DNA	DNM	PACKAGE DIMENSION LXWXH (mm)		
	HP	kW				0	0.6	1.2	1.8	2.4	2.7	3.0					
JET-S100	1	0.75	20	3.4	H(m)	52	46	41	36	31	26	10	1"	1"	405	245	330

TYPE	POWER		INLET (INCH)	OUTLET (INCH)	MAX. FLOW (m³/h)	MAX. HEAD (m)	MAX. S UCTION (m)	DIMENSIONS (mm)	G.W. (kg)
	HP	kW							
SGJS1100	1.5	1.1	1"	1"	3.6	45	9	410X210X240	9.7

JET-S 100

DIAGRAM

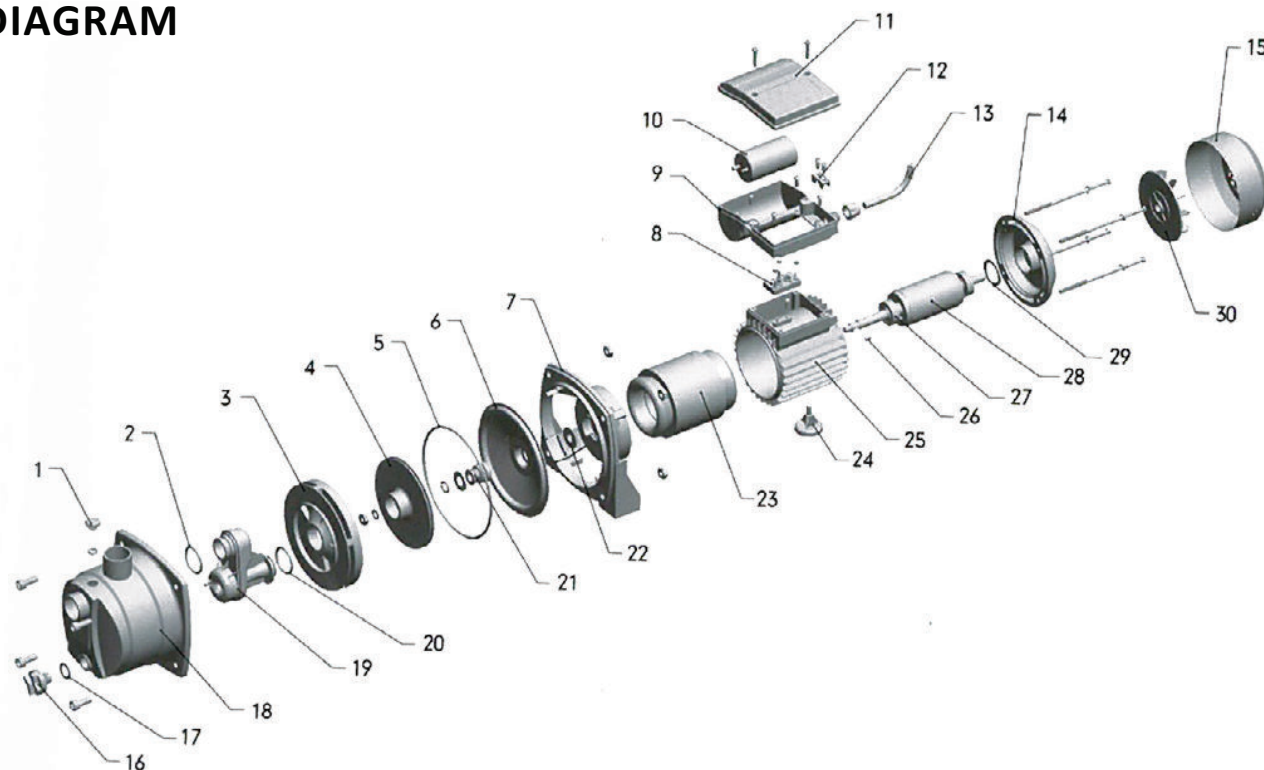


DIMENSIONS

MODEL	a	c	f	h	H1	H2	w	n	n1	s
Jet-S100	97	195	390	210	105	160	88	192	149	9

SGJS1100 SELF-PRIMING JET PUMP

DIAGRAM



PARTS LIST

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Air faucet	9	Terminal block	17	O-ring	25	Motor housing
2	O-ring	10	Capacitor	18	Pump body	26	Key
3	Guide vane	11	Terminal block cover	19	Jet casing	27	Bearing
4	Impeller	12	Cable control cover	20	O-ring	28	Rotor
5	O-ring	13	Cable	21	Mechanical Seal	29	Wave spring
6	Pump cover	14	End cover	22	Waterproof ring	30	Fan
7	Coupling	15	Fan cover	23	Stator	-	-
8	Terminal board	16	Water faucet	24	Foot	-	-