



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

JET100L
SELF-PRIMING JET PUMP
CAST IRON

SGJW1100
SELF-PRIMING JET PUMP
CAST IRON



JET 100L & SGJW1100 SELF-PRIMING JET PUMPS

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

Maximum operating pressure: 8 bar

Maximum ambient temperature: +40°C

Liquid temperature up to +60°C

DESIGN FEATURES

Pump Body: Cast Iron

Impeller: Brass

Ejector union: PPO

Motor shaft: AISI1045

Mechanical seal: NBR/Graphite/Ceramic

PRODUCTION STANDARDS

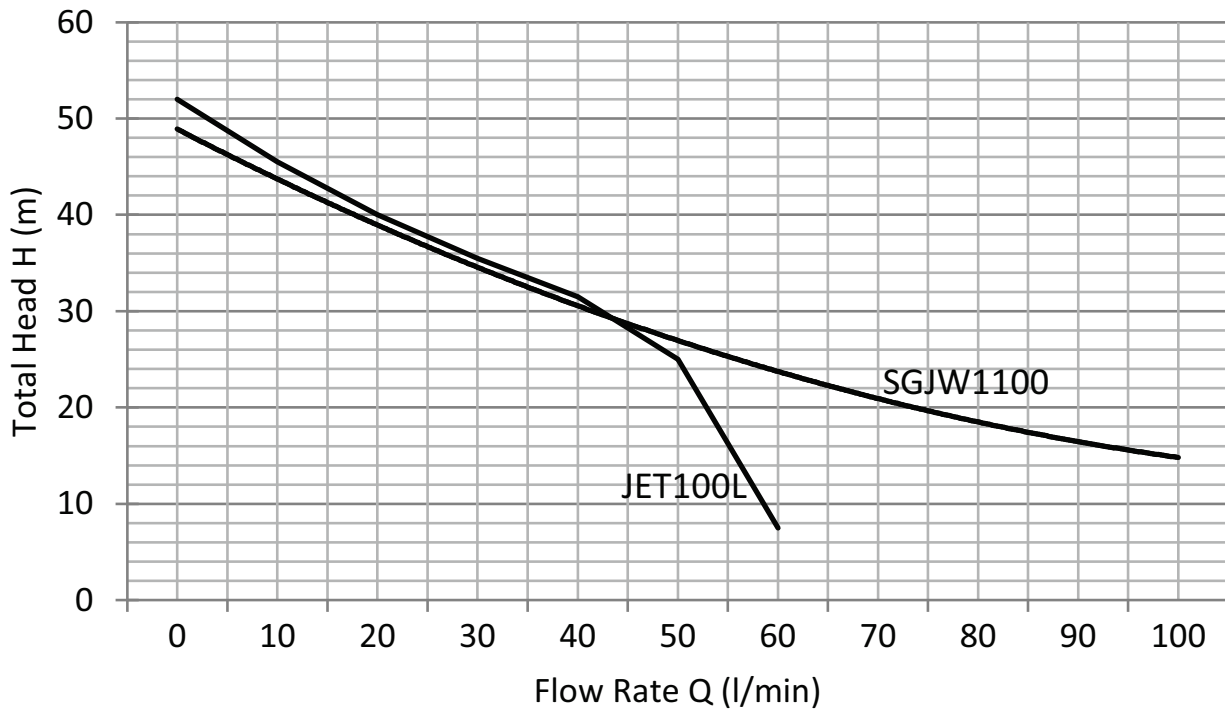
IEC 60034-1

IEC 335-1

IEC 31-1

ISO 2548

PERFORMANCE CURVE



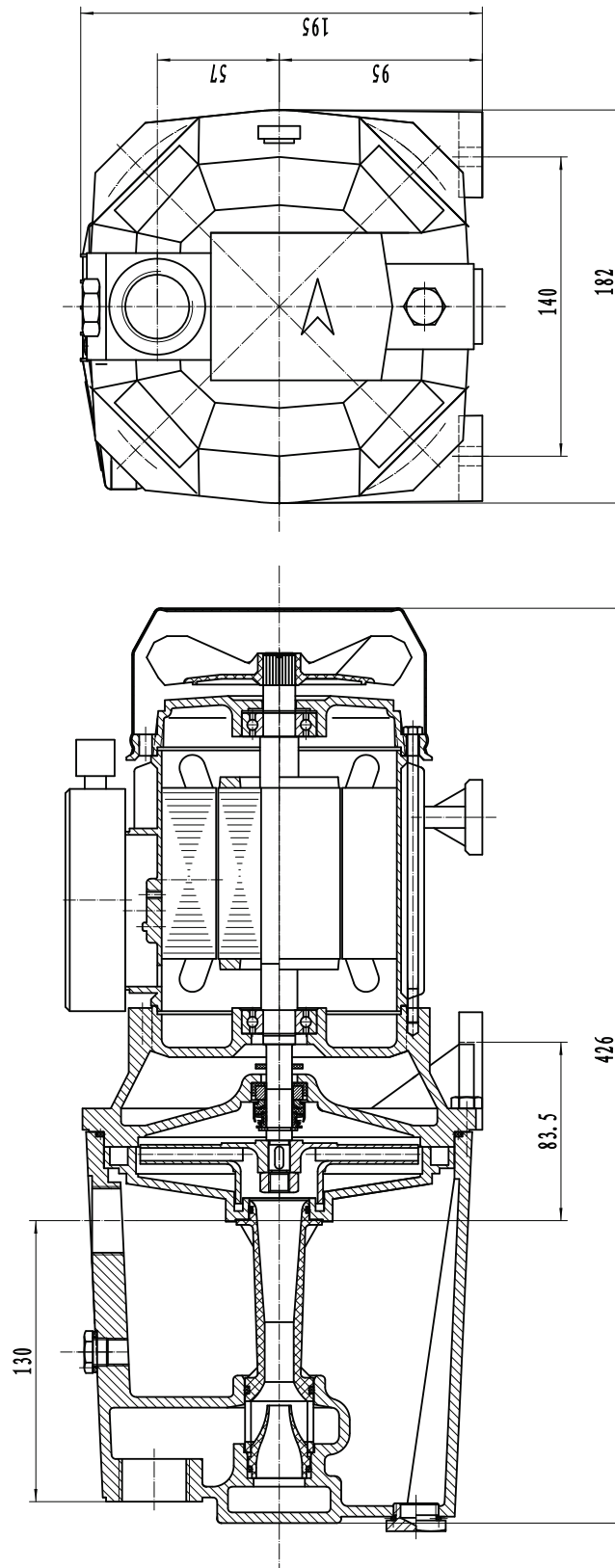
PERFORMANCE DATA

TYPE	POWER		μF	AMPERE I MAX.	Q (l/min) (m ³ /h)	0	10	20	30	40	45	50	60	70	110	DNA	DNM	PACKAGE DIMENSION LXWXH (mm)		
	HP	kW				0	0.6	1.2	1.8	2.4	2.7	3.0	3.6	4.2	6.6					
JET100L	1	0.75	20	4.5	H(m)	52	45.5	40	35.5	31.5	28	25	7.5	-	-	1"	1"	455	205	215

TYPE	POWER		INLET (INCH)	OUTLET (INCH)	MAX. FLOW (m ³ /h)	MAX. HEAD (m)	MAX. SUCTION (m)	DIMENSIONS (mm)	G.W. (kg)
	HP	kW							
SGJW1100	1.5	1.1	1"	1"	6	52	9	475X195X240	18.5

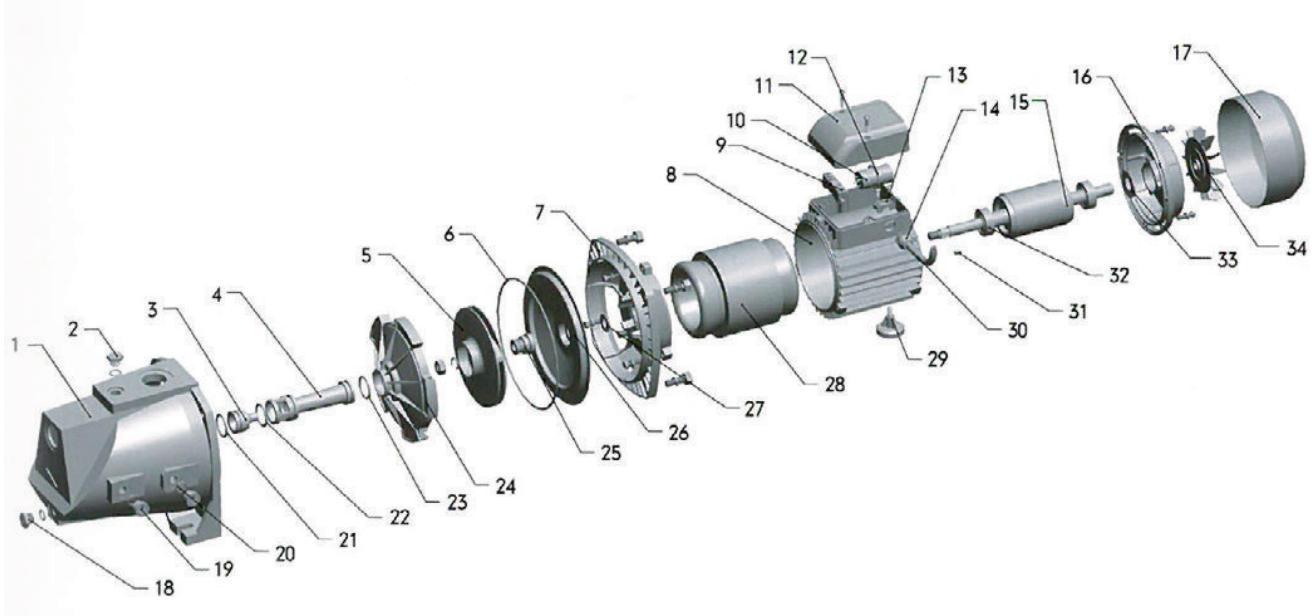
JET100L

DIAGRAM & DIMENSIONS



SGJW1100 SELF-PRIMING JET PUMP

DIAGRAM



PARTS LIST

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Pump body	10	Capacitor	19	Air faucet	28	Stator
2	Air faucet	11	Terminal block cover	20	O-ring	29	Foot
3	Nozzle	12	O-ring	21	O-ring	30	Cable
4	Injection pipe	13	Cable control cover	22	O-ring	31	Key
5	Impeller	14	Cable sleeve	23	O-ring	32	Bearing
6	O-ring	15	Rotor	24	Guide vane	33	Wave spring
7	Coupling	16	End cover	25	Mechanical seal	34	Fan
8	Motor housing	17	Fan cover	26	Pump cover	-	-
9	Terminal board	18	Water faucet	27	Waterproof ring	-	-