LKJ
Pressure Booster System

Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Fully automatic water supply in house and garden

Pump

- Unique ergonomic design
- Max. fluid temperature: +35℃
- Max. suction: +8 m

Motor

- C&U bearing
- Built-in thermal protector
- Aluminum winding
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40℃

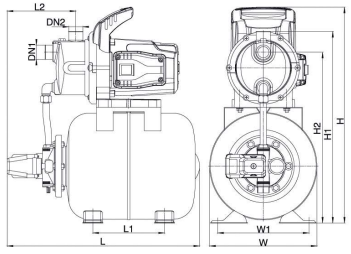
Identification Codes

LKJ – 80 1 S A

- A — Air Tank
- S — Pump Body Material: Stainless Steel
- 1 — Pump Handle Style
- 80 — Power (X 10 W)
- LKJ — Garden Jet Pump

Technical Data

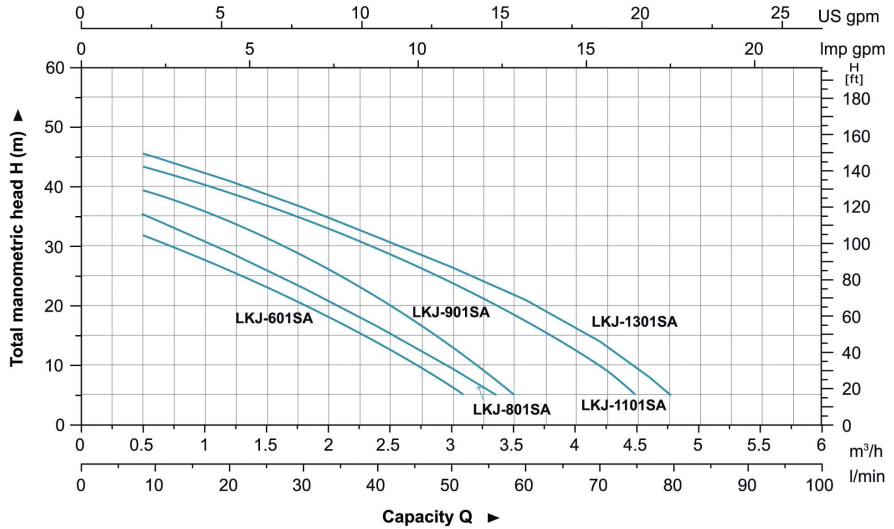
MODEL	POWER (P_2)		Q (m^3/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
	W	HP	Q (l/min)	0	10	20	30	40	50	60	70	80	90	100
LKJ-601SA	600	0.8	H (m)	35	31	25.5	20	14	8	-	-	-	-	-
LKJ-801SA	800	1.1		39	34.5	29	23	16.5	9.5	-	-	-	-	-
LKJ-901SA	900	1.2		43	39	34	28	21	12.5	3	-	-	-	-
LKJ-1101SA	1100	1.5		46	43	39	35	30	24	17	8	-	-	-
LKJ-1301SA	1300	1.75		48	45	41	36.5	31.5	26.5	21	14	8	-	-



Dimension

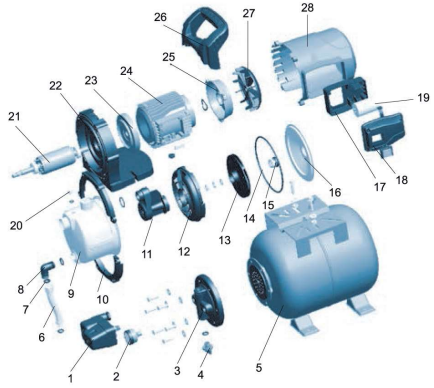
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	L2 (mm)	W1 (mm)	H1 (mm)	H2 (mm)
LKJ-601SA	1"	1"	488	275	588	183	178	233	488.5	435.5
LKJ-801SA			488	275	588	183	178	233	488.5	435.5
LKJ-901SA			488	275	588	183	178	233	510	460
LKJ-1101SA			488	275	588	183	178	233	510	460
LKJ-1301SA			488	275	588	183	178	233	510	460

Hydraulic Performance Curves



Materials Table

No.	Part	Material	No.	Part	Material
1	Pressure switch		15	Mechanical seal	Carbon/Ceramic
2	Pressure gauge		16	Bracket cover	AISI 304
3	Tank cover	PA6	17	Terminal board	ABS
4	Drain plug	PP	18	Switch cover	ABS
5	Tank	08F	19	Capacitor	
6	Flexible hose		20	Plug	PP
7	Seal washer	NBR	21	Rotor	
8	Elbow connector	ABS	22	Motor flange	PP
9	Pump body	AISI 304	23	Front plate	ZL102
10	Frisket	PP	24	Stator	
11	Enjector	PPO	25	Rear cover	ZL102
12	Diffuser	PPO	26	Handle	PP
13	Impeller	PPO	27	Fan	PP
14	O-ring	NBR	28	Motor cover	ABS



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity		
					20'/pcs	40'/pcs	40H'/pcs
LKJ-601SA	13.4	535	295	570	327	684	780
LKJ-801SA	14.3	535	295	570	327	684	780
LKJ-901SA	15.3	535	295	605	249	516	688
LKJ-1101SA	16.3	535	295	605	249	516	688
LKJ-1301SA	16.6	535	295	605	249	516	688