



**Product Information**  
**XKS-810PWL**

Manufacturer	LEO
Address	China,Zhejiang,Wenling
Contact	0576-89988888
Date	2023/12/18

**Project Name**

Client Name

Client Addr.

**Item NO**

Contacts

Contact

Part NO. XKS-810PWL

Product Picture

Note



XKS-810PWL can be used for transfer clean water or other liquids similar to water in physical and chemical properties, suitable to be immersed in water for lifting water from well or the pool, and draining water from the basement.

**Nameplate parameters**

Max.flow	18 m <sup>3</sup> /h
Max.head	9 m
Max. Suction Depth	7m
speed	
Max. Dia of Particle	35mm

**Technical**

Flow range (m<sup>3</sup>/h)  
Curve tolerance

**Material**

Impeller  
Diffuser  
Pump shaft  
Pump flange  
Motor base  
Coupling  
Pump barrel



**Working conditions**

Medium temperature (°C)	+35 °C
Max. ambient temperature (°C)	
Pumped medium	Clean water
Working pressure	
Maximum inlet pressure	

**Installation**

Length of Power Cable	10m
outlet dia.	1 1/2"

**Motor**

Motor phase	Single phase
Protection class	IPX8
Motor poles	
Insulation class	F
Motor power (KW)	0.75 kW
Motor model	
Frequency	50Hz
Rated voltage (V)	220V-240V



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Rated current (A)

Efficiency class

Power factor

Efficiency (%)

**Weight/Packaging**

Net weight (kg)

Gross weight (kg)

Package size

23.2 kg

420x350x405mm



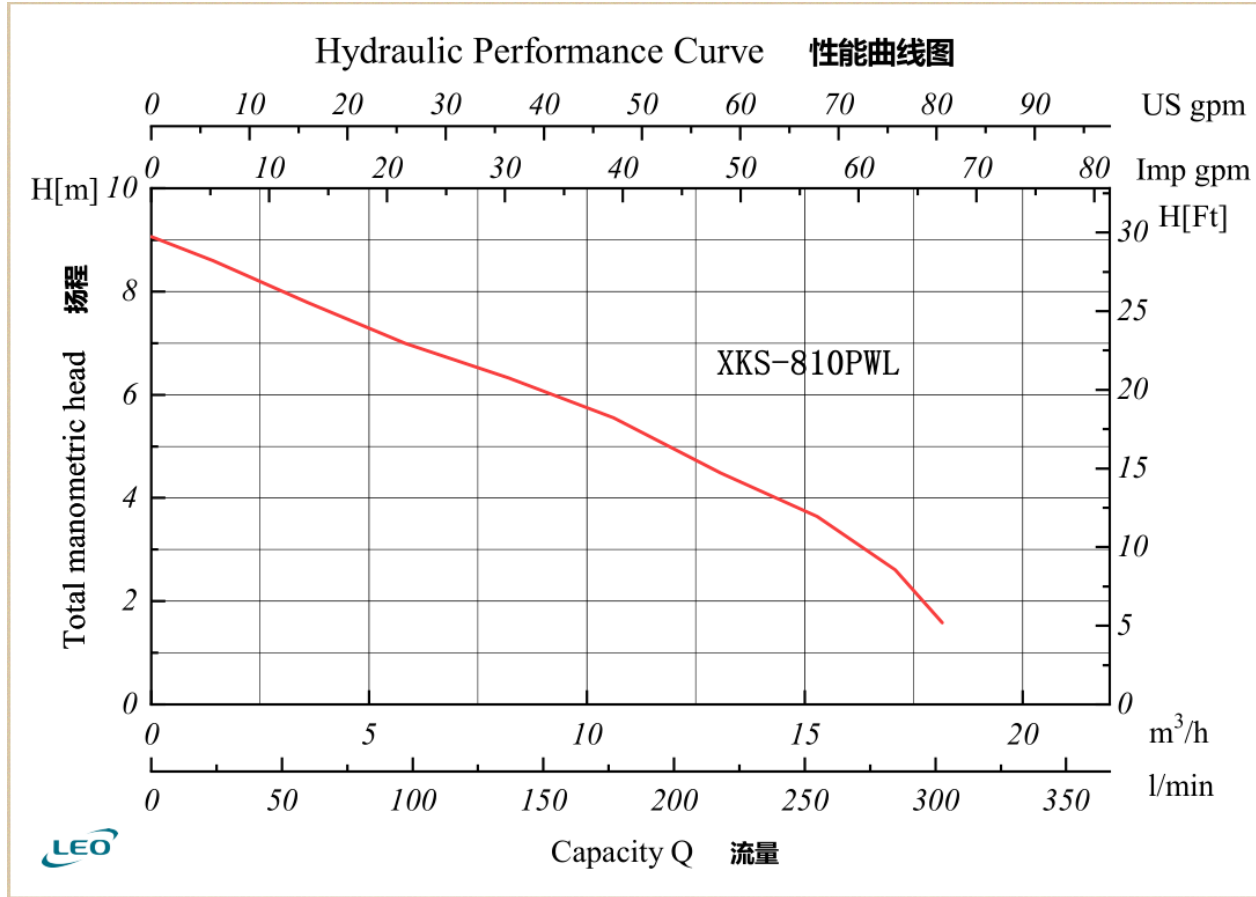


### Performance Curve XKS-810PWL

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## Pump Technical Parameters XKS-810PWL

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### Rated parameters

Pump model	XKS-810PWL
Part NO.	XKS-810PWL
Rated flow	18 m <sup>3</sup> /h
Rated head	9 m
Rated efficiency (%)	
Power (kW)	0.75
Speed (rpm)	

### Design point parameters

Flow (m <sup>3</sup> /h)	
Head (m)	

### Operating point parameters

Flow (m <sup>3</sup> /h)	
Head (m)	
Efficiency (%)	
Power (kW)	
NPSHr (m)	
Speed (rpm)	

### Medium

Pumped medium	Water
Working temperature (°C)	
Medium density (kg/m <sup>3</sup> )	
Viscosity (mm <sup>2</sup> /s)	





**Dimension Drawing**  
**XKS-810PWL**

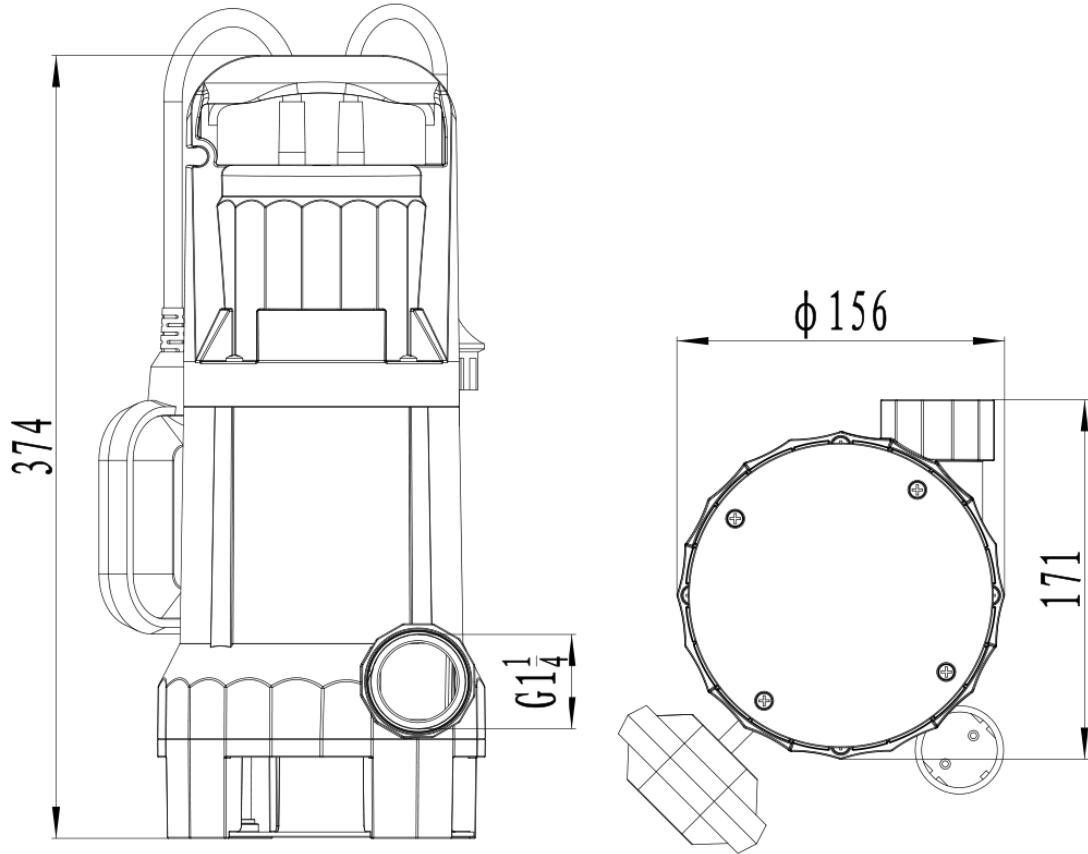
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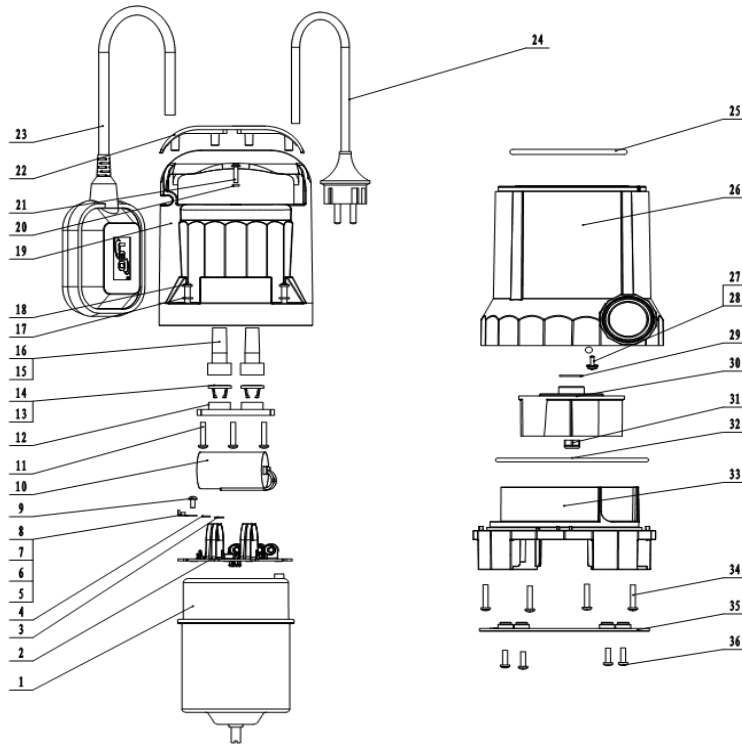
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36	10011100	十字槽盘头自攻螺钉ST3.5×14F型	Screw	4	20H(304)	
35	40050209	XKS-410PWL底板	Base cover	1	PP-TD20	
34	10010267	十字槽盘头自攻螺钉ST4.2×22F型	Screw	4	20H(304)	
33	40050214	XKS-810PWL底座	Pump base	1	PP-GF30	
32	10000472	O形密封圈(GB/T 3452.1)123×3.8	O-ring	1	NBR	
31	10007210	非金属嵌件薄型锁紧螺母M8(DIN 985)	Locknut	1	A2-70(304)	
30	40050203	XKS-810PWL叶轮	Impeller	1	PA6-GF25	
29	10034335	平垫φ8.5×φ20×1	Washer	1	200HV(304)	
28	10033172	内六角花型圆头凸缘自攻钉(带针)ST3.5×11	Screw	1	20H(304)	
27	10001235	钢珠Sφ6	Ball	1	304	
26	40050211	XKS-810PL泵体	Pump body	1	PP-GF30	
25	10033148	O形密封圈(GB/T 3452.1)90×5	O-ring	1	NBR	
24	10036065	插头线(欧标)H05RN-F 3G×0.75×10.3m	Plug cord	1		剥150
23	40039791	FLO-01B浮子开关H07RN-F 3G×1mm <sup>2</sup> ×0.65m	Float switch	1		剥150
22	40005306	XKS-750PW把手衬	Handle inlay	1	PP-GF30	
21	10033172	内六角花型圆头凸缘自攻钉(带针)ST3.5×11	Screw	1	20H(304)	带针
20	10000501	O形密封圈(GB/T 3452.1)2.5×1.8	O-ring	1	NBR	
19	40050213	XKS-810PL顶盖	Main housing	1	PP-GF30	
18	10010266	Y形盘头自攻螺钉YST4.7×35	Screw	4	20H(304)	
17	10001457	平垫圈4(GB/T 97.1)	Washer	4	20H(304)	
16	10002549	XKS-750PW电缆护套	Cable jacket	1	EPDM	
15	10006327	XKS-251P电缆护套	Cable jacket	1	EPDM	
14	40023262	LKS-400PW电缆固定夹	Cable clamp	1	PA6-GF25	
13	40033437	LKS-250P电缆固定夹	Cable clamp	1	PA6-GF25	
12	40013291	XKS-258P电缆固定板	Cable plate	1	PA6-GF25	
11	10001550	十字槽盘头自攻螺钉ST4.2×22F型	Screw	3	ML20Mn	镀锌
10	10033547	CBR60双引线14μF/450V电容40×70/C/70°C/S3	Capacitor	1		引线长130±5
9	10001502	十字槽盘头螺钉M4×8(GB/T818)	Screw	1	4.8级	镀锌
8	10002538	热缩套管φ4	Heat-shrinkable tube	1		长40
7	10017517	耐高温压端子 150°C/750°C(CB2)	Clip cap	5		
6	10001122	接线片φ4.2	Cold terminal	1	HPb59-1	
5	10027626	JTJ-154引出线500V 0.75mm <sup>2</sup> 黄绿色(JB/T6213.6)	Wire	1		长150
4	10001212	标准型弹簧垫圈4(GB/T93)	Spring washer	1	65Mn	
3	10001583	外齿锁紧垫圈4(GB/T 862.1)	Serrated washer	1	65Mn	
2	40047569	LGS-1200PSW绝缘板	Insulation	1	PP-V0	
1	40050960	SM-5660-1电机(铝端盖)	Motor	1		



**Physical picture**  
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