

	Product Information	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2025/10/27
Project Name	XKS-500S	Client Name	
		Client Addr.	
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Part NO.	XKS-500S		
Product Picture		Note	
		XKS-500S 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	9 m³/h	
Max.head	7 m	
Max. Suction Depth	7 m	
speed		
Max. Dia of Particle	5mm	
Technical		
Flow range (m³/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 1/4"	
Motor		
Motor phase	Single phase	
Protection class	IPX8	
Motor poles		
Insulation class	F	
Motor power (KW)	0.5kW	
Motor model		
Frequency	50Hz	
Rated voltage (V)	220V-240V	

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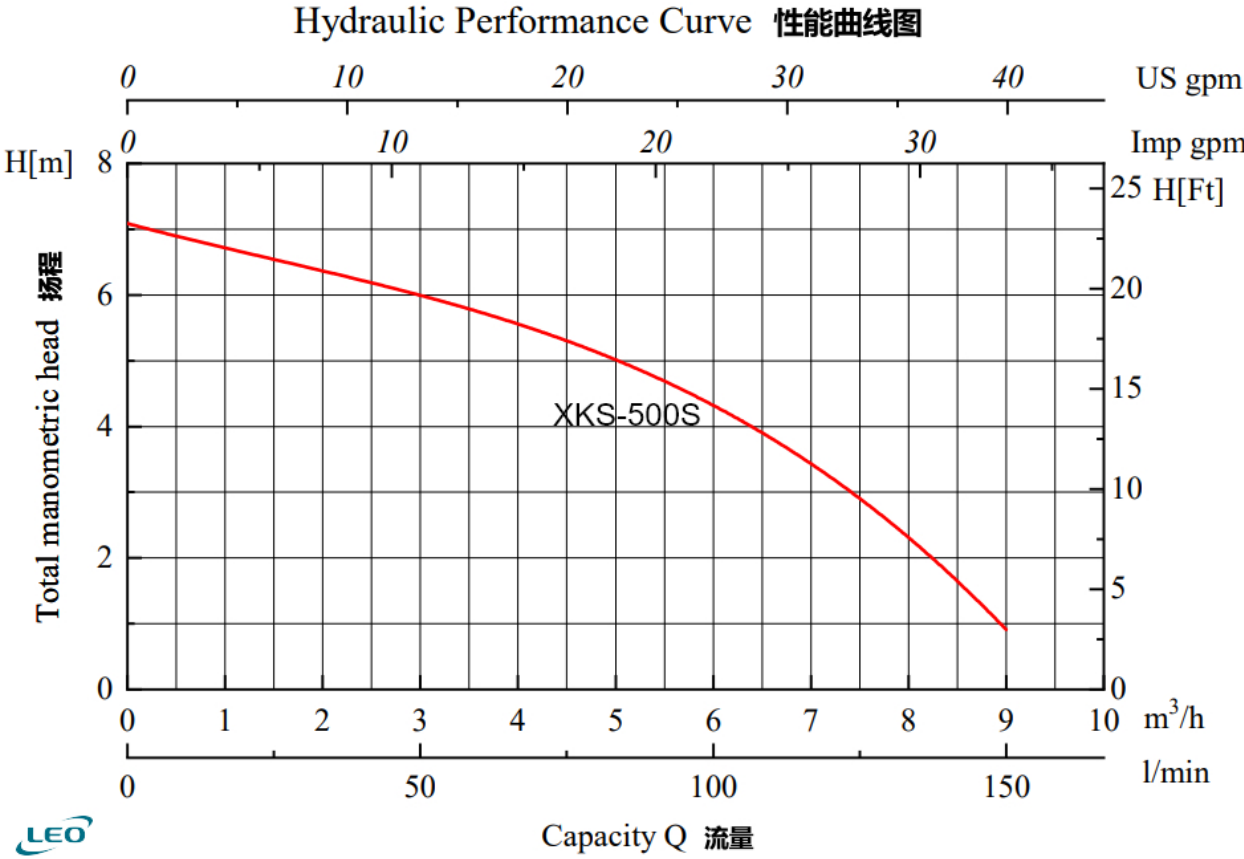
Rated current (A)
Efficiency class
Power factor
Efficiency (%)

Weight/Packaging

Net weight (kg)
Gross weight (kg) 21.96kg
Package size 420x320x320mm



	Performance Curve XKS-500S	Manufacturer	LEO
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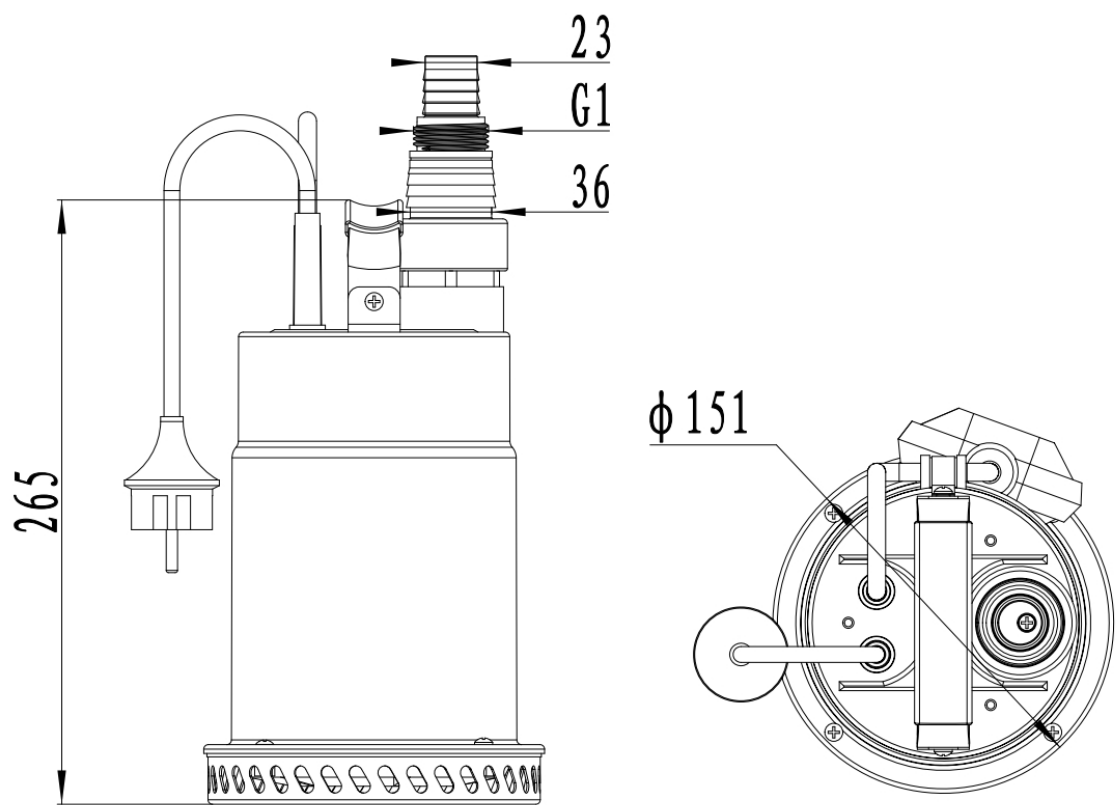


	Pump Technical Parameters XKS-500S	Manufacturer	LEO
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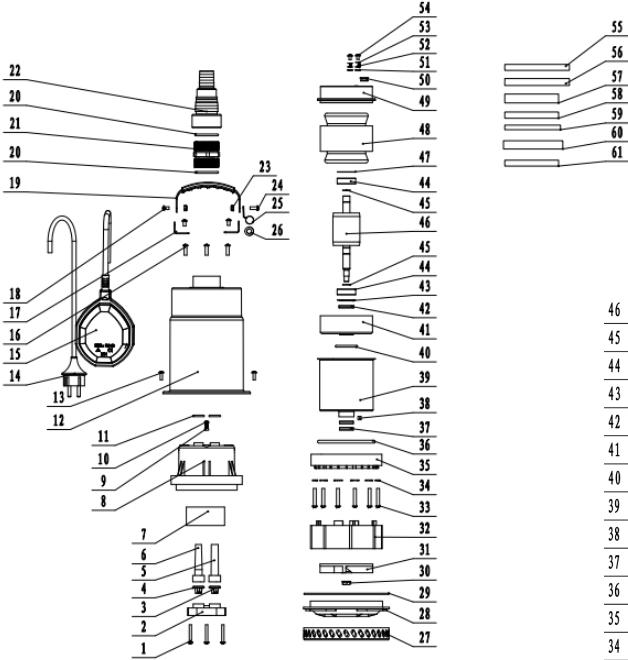
Rated parameters	
Pump model	XKS-500S
Part NO.	XKS-500S
Rated flow	9 m³/h
Rated head	7 m
Rated efficiency (%)	
Power (kW)	0.5
Speed (rpm)	
Design point parameters	
Flow (m³/h)	
Head (m)	
Operating point parameters	
Flow (m³/h)	
Head (m)	
Efficiency (%)	
Power (kW)	
NPSHr (m)	
Speed (rpm)	
Medium	
Pumped medium	Water
Working temperature (°C)	
Medium density (kg/m³)	
Viscosity (mm²/s)	



	Dimension Drawing XKS-500S	Manufacturer	LEO
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	Structure picture	Manufacturer	LEO	
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46	40021451	XKS-500S转子	1					
45	10001629	轴用弹性挡圈12 (GB/T894.1)	2	65Mn				
44	10001160	深沟球轴承6201 (GB/T276)	2					
43	10001224	XKS-750PW调整垫片	1	Q235 (镀锌)				
42	10014705	内包骨架炭精轴唇形密封圈FB12 26 4 (GB/T9877.1)	1					不锈钢弹簧
41	40005320	XKS-400PD-1下轴承座 LKS-400PW	1	ZL102				
40	10014422	O形橡胶密封圈32×2.65 (GB/T3452.1)72×3	1	NBR				
39	10014422	XKS-500SL定子套	1	409				89.5高
38	10003202	#25充压器油 (GB2536)						3ml
37	10014704	内包骨架炭精轴唇形密封圈B12 24 4.5 (GB/T9877.1)	2					不锈钢弹簧
36	10000554	O形橡胶密封圈90×4.8 (GB/T3452.1)	1	NBR				
35	40005320	XKS-750SW压紧圈	1	PP-GF30				
34	40011544	XKS-750SW压紧圈垫片	6	S30408				
33	10010258	异形自攻螺钉YST4.7×30	6	S30408				
32	40005318	XKS-400S支架	1	ABS				
31	40005352	XKS-500P叶轮	1	PP0-GF30				
30	10001301	全金属六角法兰面锁紧螺母M8 (GB/T6187.2)	1	S30408				带齿
29	10001076	XKS-750S垫圈	1	NBR				
28	40005315	XKS-1000S导叶	1	PP-GF30				
27	10004867	XKS-750S底座	1	S30408				
26	10002555	XKS-750SW线夹护套	1	NBR				
25	10007052	XKS-750SW线夹	1	S30408				
24	10010254	十字槽盘头螺钉M5×12 (GB/T818)	1	S30408				
23	10001232	非金属嵌件六角锁紧螺母M5 (GB/T6182)	2	S30408				
22	40016869	XKS-258P出水接头	1	PP-TD20				
21	40012622	XKS-750S转接	1	PP-GF20				
20	10005990	O形橡胶密封圈34.8×3.1 (GB/T3452.1)	2	NBR				
19	40003402	XKS-750S扶手	1	S30408+PE				塑柄
18	10009400	十字槽盘头螺钉M5×8 (GB/T818)	3	S30408				
17	10001077	XKS-750S扶手撑脚	2	S30408				
16	10010256	异形自攻螺钉YST4.7×16	3	S30408				
15	40013951	FLO-02浮子开关3G1mm²×0.54m (H07RF-F)	1					
14	10006607	欧式防水插头线3G0.75mm²×10.3m (H05RN-F)	1					剥12cm
13	10010255	十字槽盘头螺钉M4×12 (GB/T818)	4	S30408				
12	40011478	XKS-500S机筒	1	S30408				
11	10000487	O形橡胶密封圈15×2.65 (GB/T3452.1)	2	NBR				
10	10014293	十字槽盘头自攻螺钉ST3.5×8 (GB/T845)	1	Q235 (镀锌)				
9	10000501	O形橡胶密封圈2.5×1.8 (GB/T3452.1)	1	NBR				
8	40005317	XKS-750SW顶盖	1	PP-GF30				
7	10009144	双引线电容8μF/450V (GB/T3667.1) (引出线110±5mm)	1					φ32×66
6	10006327	XKS-251P电缆护套	1	EPDM				
5	10002349	XKS-750PW电缆护套	1	EPDM				
4	40005307	XKS-251P电缆固定夹	1	PA6-GF25				
3	40005307	XKS-750PW电缆固定夹	1	PA6-GF25				
2	40006043	XKS-250P电容夹	1	PA6-GP25 (阻燃10%)				
1	10001554	十字槽盘头自攻螺钉ST4.2×30 (GB/T845)	3	Q235 (镀锌)				
序号	代号	名称	数量	材料	单件重量	总计重量	备注	

61	10002524	绝缘软管 φ2.5 (JB/T8151.2)	1	聚氧乙烯玻璃纤维		长25mm		
60	10006161	接线片 (小)	5	HPb59-1				
59	10002523	绝缘软管 φ2 (JB/T8151.2)	5	聚氧乙烯玻璃纤维		长25mm		
58	10002538	热缩套管 φ4	5			长40mm		
57	10002539	热缩套管 φ5	1			长40mm		
56	10001642	0.75mm²黄绿双色线	2			长110mm		
55	10006260	接线片 (大)	1	HPb59-1				
54	10001501	十字槽盘头螺钉M4×6 (GB/T818)	2	Q235 (镀锌)				
53	10001212	弹簧垫圈4 (GB/T93)	2	65Mn				
52	10001122	冷压 φ4.2	2	HPb59-1				
51	10001583	外锯齿锁紧垫圈4 (GB/T862.2)	2	65Mn				
50	10001070	XKS-750P出线嘴	1	NBR				
49	40005356	XKS-750SW上端盖	1	ZL102				
48	40001082	有绕组铁芯56#B44 (220-240V/50HZ)	1	DD750		蓝化		
47	10001138	波形弹簧D32 (JB/T7590)	1	65Mn		t=0.25mm		

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