

	Product Information XST65-200K/300	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2024/02/19
Project Name		Client Name	Heatinvest
		Client Addr.	
Item NO		Contacts	
		Contact	

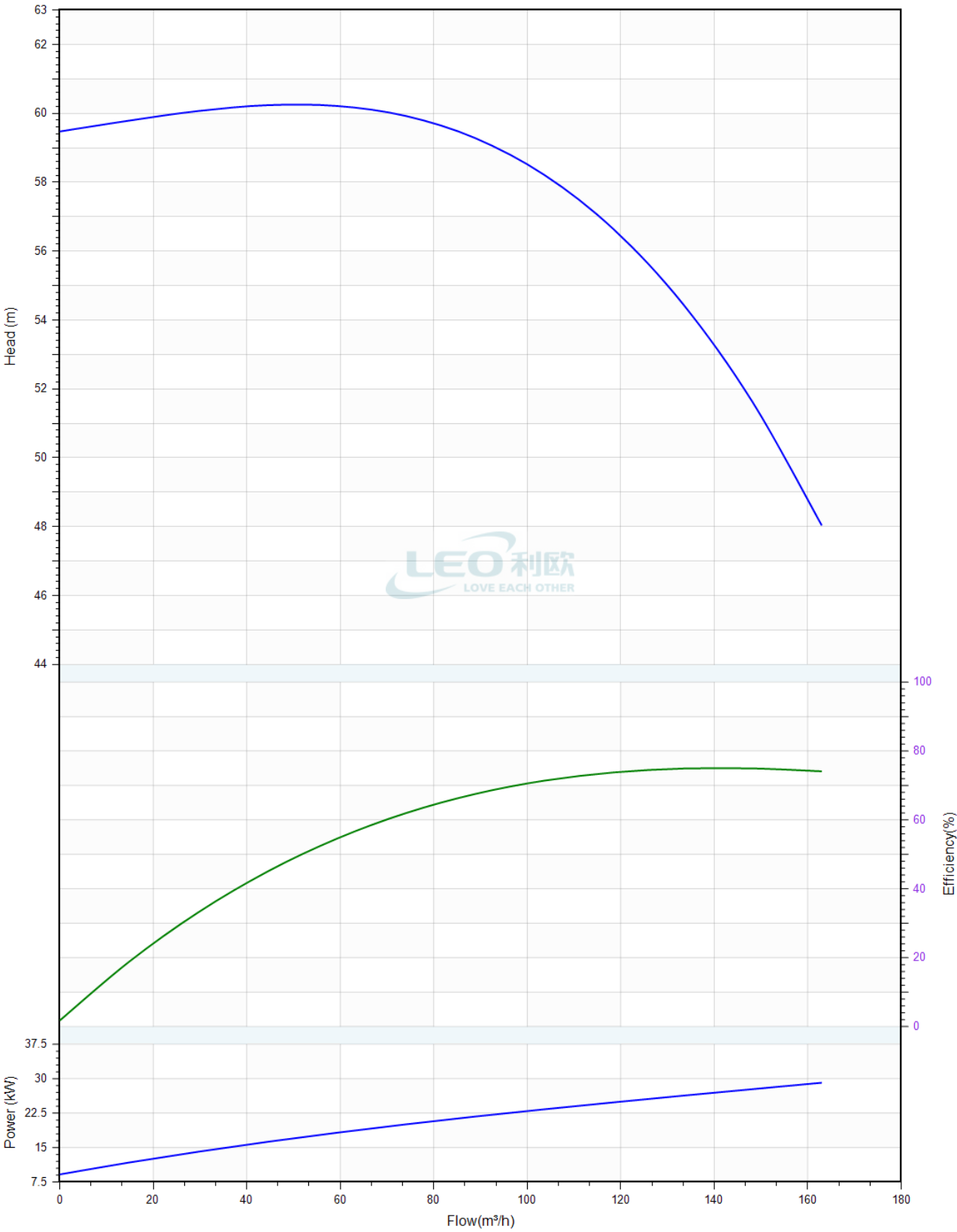
Part NO.	XST65-200K/300		
Product Picture		Note	
		Water supply: Water filtration and transportation, the main pipeline pressurization; Pressurization for high-rise buildings, hotels, etc. Industry: Flushing and cleaning system, boiler feed water, cooling water circulation, water treatment system, equipment supporting system. water treatment: Ultrafiltration system, reverse osmosis system, distillation system, separator,swimming pool. Other: Air conditioning system; heating system; agricultural irrigation,fire fighting system	
Nameplate parameters			
flow	130 m³/h		
head	55 m		
Efficiency	73 %		
speed	2900 rpm		
number of stages	1		
Technical			
Flow range (m³/h)	13-163m3/h		
Curve tolerance	ISO 9906 Annex A		
Maximum lift (m)	59.5m		
Maximum Altitude	1000m		
			
Material			
Impeller	HT200/06Cr19Ni10		
Pump inlet	HT200		
Pump shaft	45/06Cr19Ni10		
Fan cover			
O-ring	NBR		
Rear end cover			
Connector	HT200		
Fan			
Cover box			
Supporting foot			
Guard plate	06Cr19Ni10		
Working conditions			
Medium temperature (°C)	-10°C+85°C		
Max. ambient temperature (°C)	+40°C		
Pumped medium	Liquid without solid particles and long fiberslow viscositynon-combustiblenon-corrosion liquid or other		
Critical cavitation margin(m)	5m		
Working pressure	12bar		
Installation			
Structure Type	Standard motor (sleeve shaft)		
Connection method	Flange connection / thread-connection		
Inlet diameter (mm)	DN80		
Outlet diameter (mm)	DN65		
Motor			
Motor phase	Three phase		

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Protection class	IP55
Motor poles	2
Insulation class	F
Motor power (KW)	30KW
Motor model	IE2-200L1-2(B35)
Frequency	50Hz
Rated voltage (V)	380V
Rated current (A)	55.7A
Efficiency class	IE2
Power factor	
Seal	
Mechanical seal	TF PB20-35
Weight/Packaging	
Net weight (kg)	283kg
Gross weight (kg)	315kg
Package size	1140x500x670mm
	

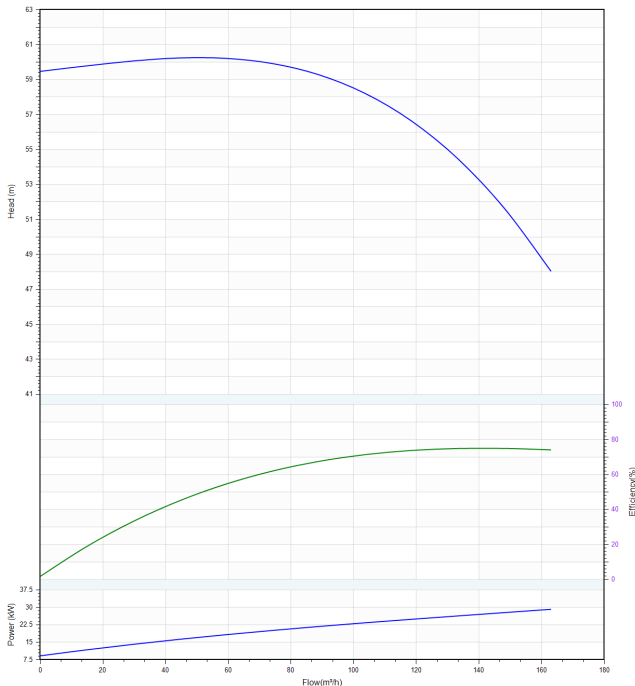
	Performance Curve XST65-200K/300	Manufacturer	LEO
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The hydraulic performance curve have been tested with Water at $^{\circ}\text{C}$, density 1000kg/m^3 , and at 1bar atmospherical pressure. GB32162016 Grande 3B



	Pump Technical Parameters XST65-200K/300	Manufacturer	LEO
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Rated parameters	
Pump model	XST65-200K/300
Part NO.	XST65-200K/300
Rated flow	130 m³/h
Rated head	55 m
Rated efficiency (%)	73
Power (kW)	26.7
NPSHr (m)	5
Speed (rpm)	2900
Medium	
Pumped medium	Water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

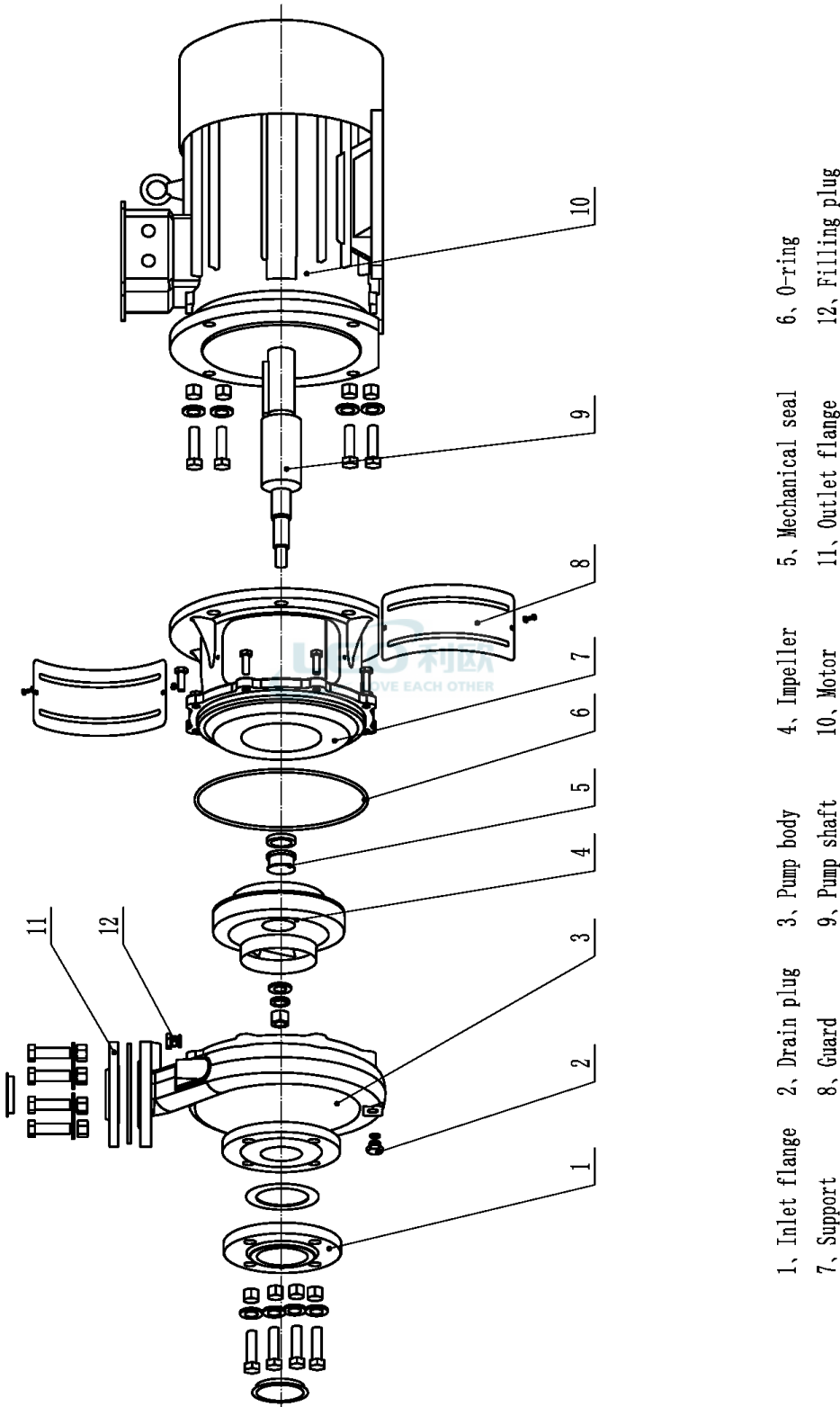


The graph displays three performance metrics for the XST65-200K/300 pump against flow rate (m³/h) from 0 to 160. The top curve (blue) represents Head (m), starting at approximately 55.5 m at 0 m³/h and decreasing to about 47.5 m at 160 m³/h. The middle curve (green) represents Efficiency (%), starting at approximately 55% at 0 m³/h and increasing to about 73% at 160 m³/h. The bottom curve (purple) represents Power (kW), starting at approximately 7.5 kW at 0 m³/h and increasing to about 26.7 kW at 160 m³/h. The graph includes a grid and a legend on the right side.

Flow (m³/h)	Head (m)	Efficiency (%)	Power (kW)
0	55.5	55	7.5
20	55.8	60	8.5
40	56.0	65	9.5
60	56.2	68	10.5
80	56.0	70	11.5
100	55.0	72	12.5
120	53.0	73	13.5
140	49.0	73	14.5
160	47.5	73	26.7



	Structure picture XST65-200K/300	Manufacturer	LEO
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	Physical picture XST65-200K/300	Manufacturer	LEO
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