

	Product Information ABK300D	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2024/02/27
Project Name		Client Name	Heatinvest
		Client Addr.	
Item NO		Contacts	
		Contact	

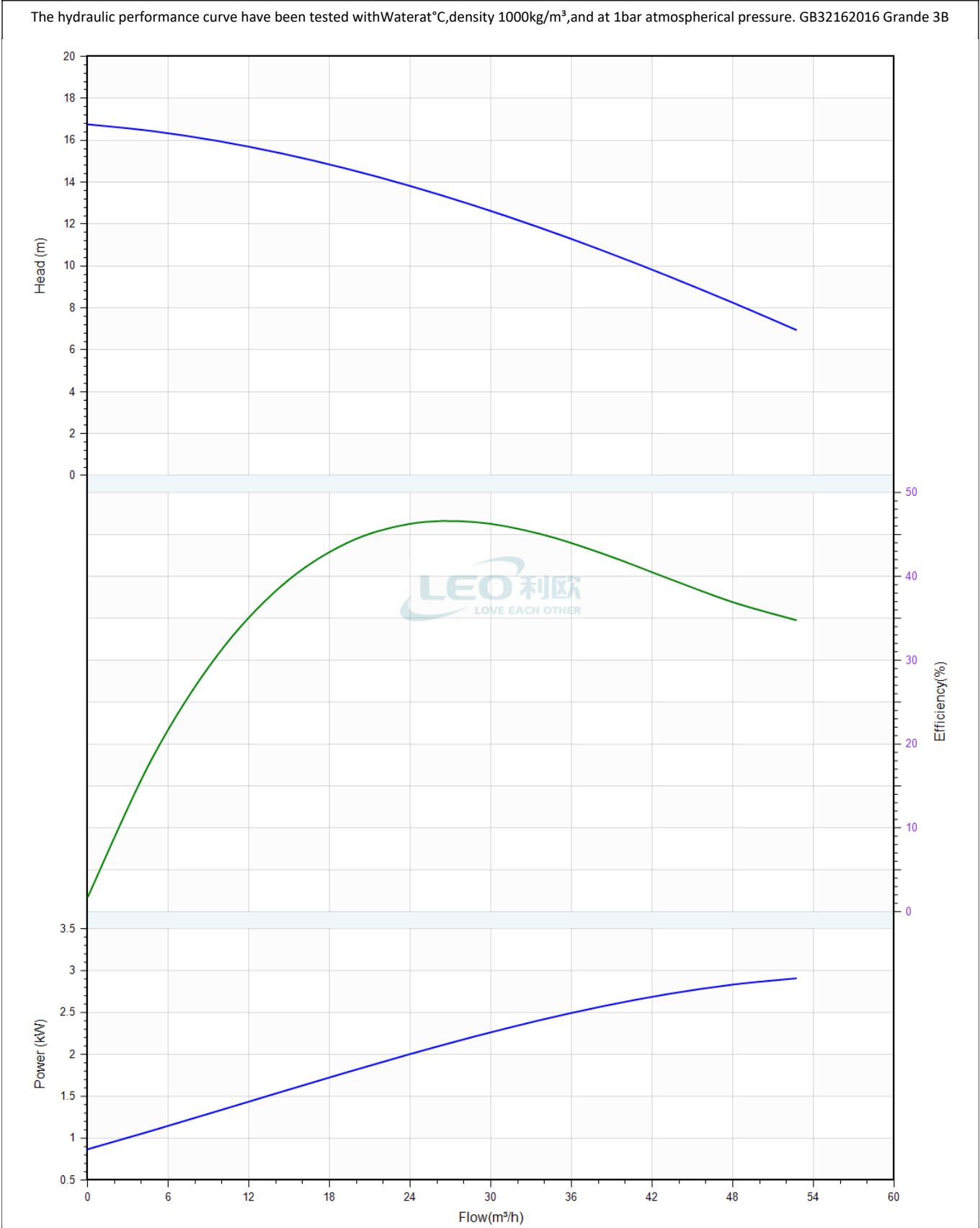
Part NO.	50029316		
Product Picture		Note	
		High efficiency; Low noise;Simple in struction and operation Can be used to transfer liquids with light corrosive,requirement for health and containing impurities,etc. Suitable for industrial & domestic sewage system,food & beverage processing,farming,pumping water from river and lake,etc. Can be used at full head without overloading motor.	

Nameplate parameters	
flow	42 m³/h
head	9.8 m
Efficiency	43 %
speed	2850 rpm
number of stages	1
Technical	
Flow range (m³/h)	657
Curve tolerance	ISO 9906 Annex A
Maximum lift (m)	15m
Material	
Impeller	06Cr19Ni10
Pump inlet	06Cr19Ni10
bracket	ZL102
Bracket cover	06Cr19Ni10
Fan	PP+GF15
Fan cover	PP-GF10
Working conditions	
Medium temperature (°C)	-15°C+80°C
Max. Particles Size	16mm
Max. ambient temperature (°C)	410
Pumped medium	Clean, thin, non-corrosive, non-flammable, non-explosive, Not easy vaporizationLiquid without solid
Working pressure	8Bar
Installation	
Inlet / outlet dia.	G Thread
Inlet diameter (mm)	G21/2
Outlet diameter (mm)	G2
Connection standard	Internal thread
Rotation direction	Clockwise from drive end
Motor	
Motor phase	Three phase
Protection class	IPX4
Motor poles	2
Insulation class	F
Motor power (KW)	2.2KW

	Product Information ABK300D	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2024/02/27
Project Name		Client Name	Heatinvest
		Client Addr.	
Item NO		Contacts	
		Contact	

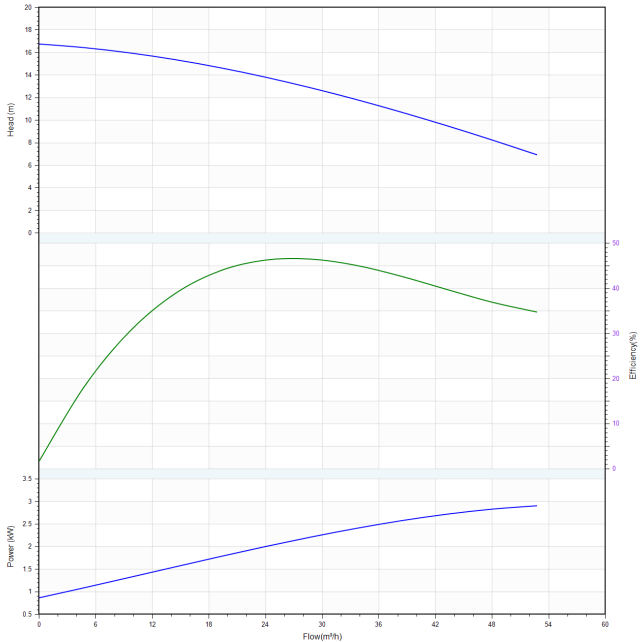
Frequency	50Hz
Rated voltage (V)	220 V
Rated current (A)	14.8
Drive end bearing	6305-2RZ
Non-drive end bearing	6205-2RZ/Z3
Efficiency (%)	77%
Seal	
Mechanical seal	PB20Y-20BP
Weight/Packaging	
Gross weight (kg)	20.7Kg
Package size	475*230*275mm
	

	Performance Curve ABK300D	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2024/02/27
Project Name		Client Name	Heatinvest
Item NO		Client Addr.	
		Contacts	
		Contact	



	Pump Technical Parameters ABK300D	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2024/02/27
Project Name		Client Name	Heatinvest
		Client Addr.	
Item NO		Contacts	
		Contact	

Rated parameters	
Pump model	ABK300D
Part NO.	50029316
Rated flow	42 m³/h
Rated head	9.8 m
Rated efficiency (%)	43
Power (kW)	2.61
Speed (rpm)	2850
Medium	
Pumped medium	Water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

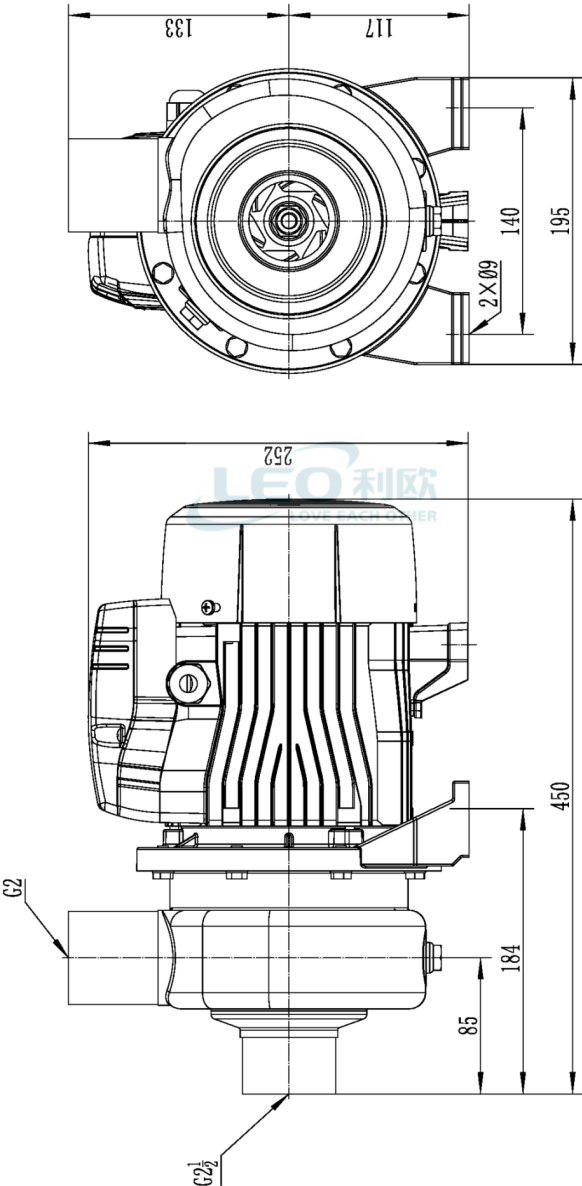


The graph displays three performance curves for the ABK300D pump against flow rate (m³/h) on the x-axis (0 to 60). The top blue curve represents Head (m), starting at approximately 16.5m at 0 m³/h and decreasing to about 7.5m at 54 m³/h. The middle green curve represents Efficiency (%), starting at 0% at 0 m³/h, peaking at approximately 43% between 24 and 30 m³/h, and then declining to about 35% at 54 m³/h. The bottom blue curve represents Power (kW), starting at approximately 0.8 kW at 0 m³/h and increasing to about 2.6 kW at 54 m³/h. The y-axes are labeled: Head (m) on the left (0 to 20), Efficiency (%) on the right (0 to 50), and Power (kW) on the left (0.5 to 3.5).



	Installation picture ABK300D	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2024/02/27
Project Name		Client Name	Heatinvest
Item NO		Client Addr.	
		Contacts	
		Contact	

ABK300 (D)



	Physical picture ABK300D	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2024/02/27
Project Name		Client Name	Heatinvest
		Client Addr.	
Item NO		Contacts	
		Contact	

