

	Product Information LPP80-8.5-1.5/2	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	
		Date	
Project Name		Client Name	LEO Sibir LLC
		Client Addr.	Novosibirsk
Item NO		Contacts	
		Contact	

Part NO.	LPP80-8.5-1.5/2		
Product Picture		Note	
		: CFD	

Nameplate parameters

flow	45 m³/h
head	8.5 m
speed	2900 rpm
number of stages	1

Technical

Curve tolerance	ISO9906 AnnexA
Maximum lift (m)	10.5
Minimum usage flow (m³/ h)	5
Maximum use flow (m³/ h)	65



Material

Impeller	HT200
Pump inlet	HT200
Pump shaft	AISI304
Mechanical seal	SiC/C
O-ring	NBR

Working conditions

Max. ambient temperature (°C)	40
Max. liquid temperature (°C)	90
Pumped medium	
Working pressure	16bar

Installation

Inlet & Outlet Diameter	DN80
Connection standard	DIN

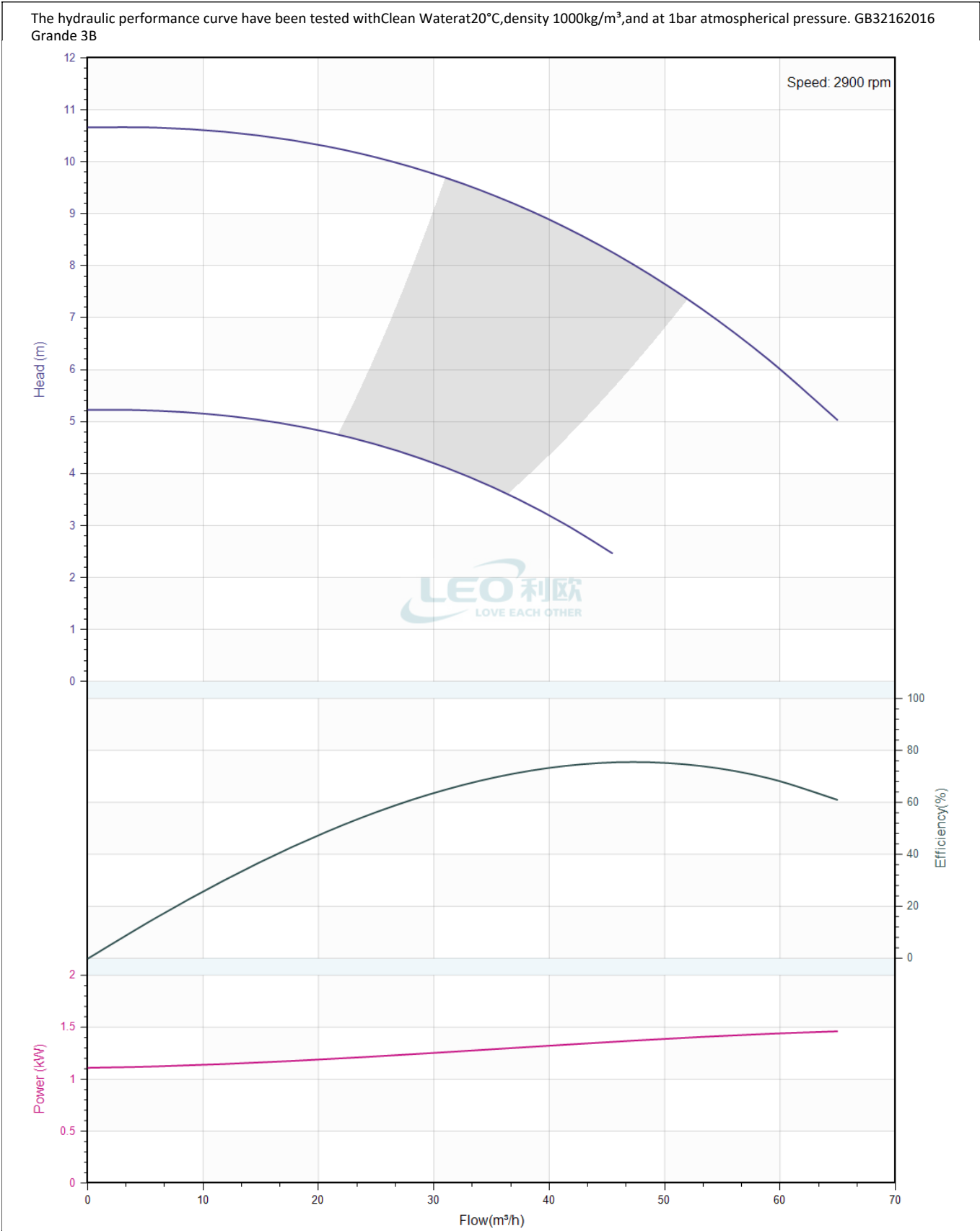
Motor

Motor phase	Three phase
Protection class	IP55
Motor poles	2
Insulation class	F
Motor power (KW)	1.5KW
Frequency	50
Rated voltage (V)	380
Rated current (A)	3.22222347573535
Efficiency class	IE3
Power factor	0.84

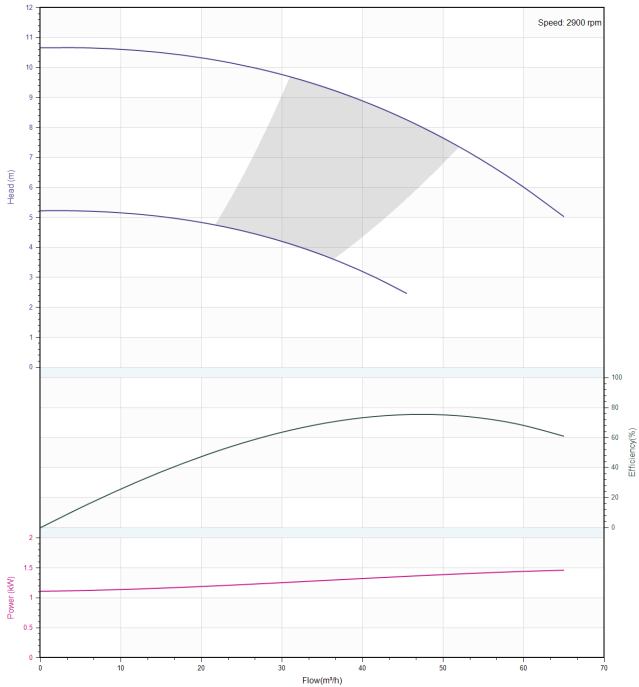
	Product Information LPP80-8.5-1.5/2	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	
		Date	
Project Name		Client Name	LEO Sibir LLC
		Client Addr.	Novosibirsk
Item NO		Contacts	
		Contact	

Drive end bearing	6205
Non-drive end bearing	6205
Efficiency (%)	84.2
Weight/Packaging	
Gross weight (kg)	58.65
Package size	740*420*325
	

	Performance Curve LPP80-8.5-1.5/2	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	
		Date	
Project Name		Client Name	LEO Sibir LLC
		Client Addr.	Novosibirsk
Item NO		Contacts	
		Contact	



	Pump Technical Parameters LPP80-8.5-1.5/2	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	
		Date	
Project Name		Client Name	LEO Sibir LLC
		Client Addr.	Novosibirsk
Item NO		Contacts	
		Contact	

Rated parameters			
Pump model	LPP80-8.5-1.5/2		
Part NO.	LPP80-8.5-1.5/2		
Rated flow	45 m³/h		
Rated head	8.5 m		
Rated efficiency (%)	75.5		
Power (kW)	1.38		
Speed (rpm)	2900		
Max impeller diameter (mm)	102		
Medium			
Pumped medium	Clean Water		
Working temperature (°C)	20		
Medium density (kg/m³)	1000		
Viscosity (mm²/s)	1		



	Installation picture LPP80-8.5-1.5/2	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	
		Date	
Project Name		Client Name	LEO Sibir LLC
		Client Addr.	Novosibirsk
Item NO		Contacts	
		Contact	

