

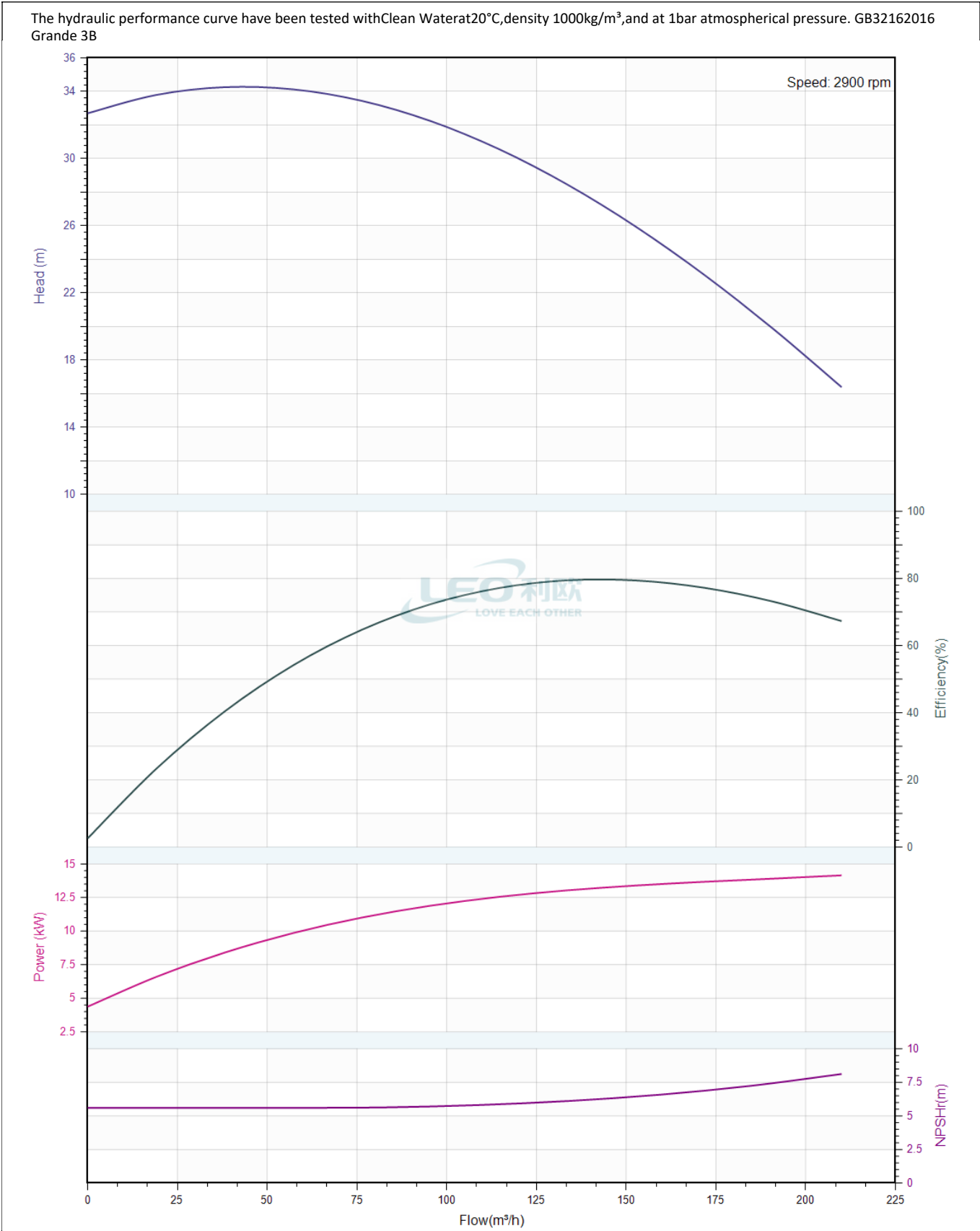
	Product Information XST80-160/150	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2023/06/18
Project Name		Client Name	LEO Sibir LLC
		Client Addr.	Novosibirsk
Item NO		Contacts	Maksim Sokolov
		Contact	+79059301333

Part NO.	50010457
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	145 m³/h
head	27 m
Efficiency	80 %
speed	2900 rpm
number of stages	1
Technical	
Flow range (m³/h)	14.5-210m³/h
Curve tolerance	ISO 9906 Annex A
Maximum lift (m)	32.8m
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)	6m
Working pressure	12bar
Installation	
Structure Type	Standard motor (sleeve shaft)
Connection method	Flange connection / thread-connection
Inlet diameter (mm)	DN100
Outlet diameter (mm)	DN80
Motor	
Motor phase	Three phase

	Product Information XST80-160/150	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2023/06/18
Project Name		Client Name	LEO Sibir LLC
		Client Addr.	Novosibirsk
Item NO		Contacts	Maksim Sokolov
		Contact	+79059301333

Protection class	IP55
Motor poles	2
Insulation class	F
Motor power (KW)	15KW
Motor model	IE2-160M2-2(B35)
Frequency	50Hz
Rated voltage (V)	380V
Rated current (A)	28.4A
Efficiency class	IE2
Power factor	0.89
Seal	
Mechanical seal	TF PB20-30
Weight/Packaging	
Net weight (kg)	174kg
Gross weight (kg)	194kg
Package size	940x405x600mm
	

	Performance Curve XST80-160/150	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2023/06/18
Project Name		Client Name	LEO Sibir LLC
Item NO		Client Addr.	Novosibirsk
		Contacts	Maksim Sokolov
		Contact	+79059301333



	Pump Technical Parameters XST80-160/150	Manufacturer	LEO
		Address	China,Zhejiang,Wenling
		Contact	0576-89988888
		Date	2023/06/18
Project Name		Client Name	LEO Sibir LLC
Item NO		Client Addr.	Novosibirsk
		Contacts	Maksim Sokolov
		Contact	+79059301333

Rated parameters	
Pump model	XST80-160/150
Part NO.	50010457
Rated flow	145 m³/h
Rated head	27 m
Rated efficiency (%)	80
Power (kW)	13.3
NPSHr (m)	6
Speed (rpm)	2900
Medium	
Pumped medium	Clean Water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1

