

Technical Parameters

Equipment Name: Horizontal single-stage double-suction diesel split case pump			
Equipment model: 300S-19A			
Device data			
1	Conveying medium: clean water	2	Medium density: 1000 kg/ m ³
3	Medium temperature: ≤80 °C		
4	Medium characteristics: ☐ Corrosive ☐ Abrasive ☐ Flammable ☐ Other ()		
5	Pump structure: ☐ Vertical ☒ Horizontal ☒ Single stage ☐ Multi -stage ☐ Single suction ☒ Double suction ☐ Self-priming		
6	Transmission mode: ☐ Direct connection ☒ Elastic coupling ☐ Belt ☐ Gearbox ☐ Other ()		
7	Pump body support method: ☒ foot ☐ center line ☐ bracket ☐ suspension (vertical)		
8	Shaft seal type: ☒ Packing seal ☐ Mechanical seal	9	Impeller type : ☐ Open ☒ Closed
10	Seal flushing: ☒ Self flushing ☐ External flushing	11	Bearing cooling: ☒ Air cooling ☐ Water cooling ☐ Air cooling
12	Bearing type: ☐ sliding ☒ rolling	13	Bearing lubrication: ☒ Grease ☐ Oil bath ☐ Water lubrication
14	Drive mode: ☐ Electric motor ☒ Diesel engine	15	Pump direction: Viewed from the drive end ☒ Clockwise ☐ Counterclockwise
16	Rated flow rate: 720 m ³ /h	17	Rated head: 16 m
18	Rated speed: 1500 r/min	19	Efficiency: 80%
20	Water inlet diameter: DN300	21	Water outlet diameter: DN200
22	Pump body material: cast iron	23	Impeller material: cast iron
24	Pump shaft material: 45#	25	Base material: carbon steel
26	Diesel engine power: 60 kW		