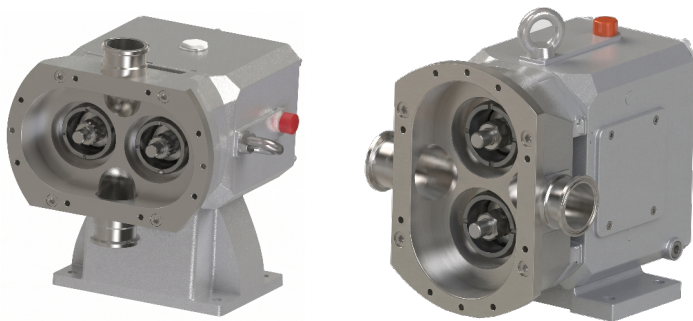




Sanitary Lobe Pump

SLP series



Coding System

Introduction/ Application

The series SLP is designed to meet sanitary standards. It is mainly used in food, dairy, beverage, fine chemicals, daily chemicals and other industries. The pump is suitable for conveying medium with high, medium or low viscosity. The specially designed rotor has extremely low shear force under the condition of ensuring high conveying efficiency, which enables it to convey materials containing a small amount of fine particles without any damage to the materials,

Model description

SLP 11840 B – 5.5 AA

Inlet joint type

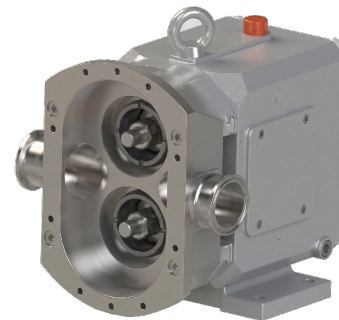
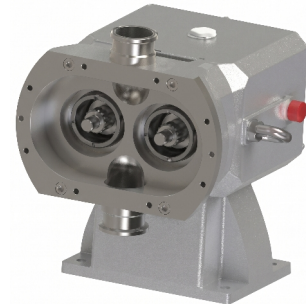
Motor power(kw)

Seal type
Default: single
B: Double
C: Tailored

Seat No.

Lobe pump

AA : ISO Clamp
BB : ISO Thread
CC : DIN Thread
DD : SMS Thread
EE : 3A Clamp
FF : DIN Flange
GG : Tailored

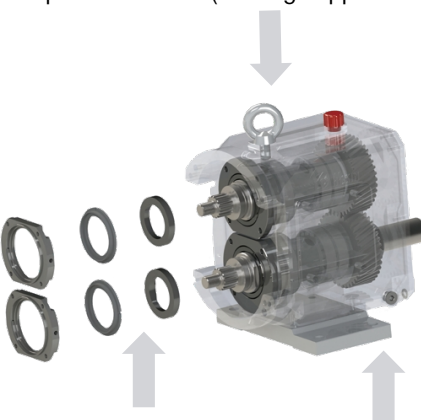
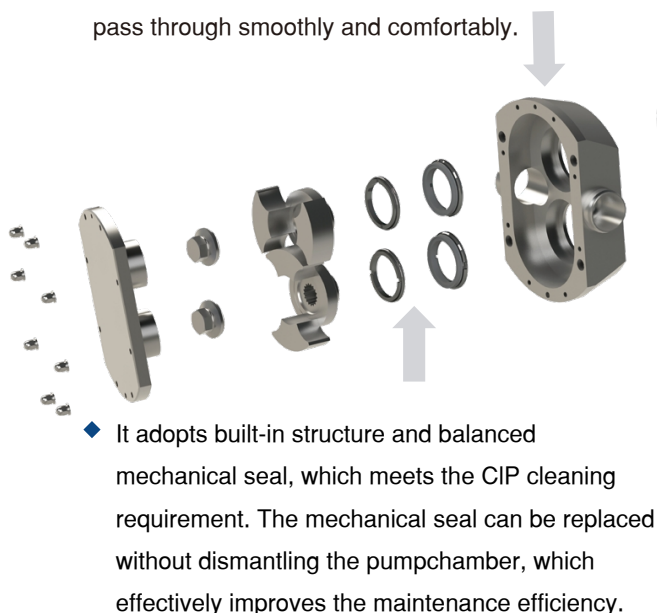


- ◆ The inlet / outlet of pump chamber adopts the large opening design, which avoids the cavitation and enables the granular medium to pass through smoothly and comfortably.

- ◆ The gearbox with modular design enables the inlet/outlet to be adjustable between left / right and up / down at will (mating support seat needed)

- ◆ According to different outlet pressures and working conditions, 2-, 3- or 4-group bearing support can be selected.

Structural features



- ◆ The high-strength support seat adopts split design.

Introduction

Design features

- ◆ Adopting modular design ensures the strong interchangeability and meets different installation requirements, which effectively reduces the later use cost;
- ◆ Sanitary design in line with European EHEDG and American 3A requirements;
- ◆ The gearbox adjustable in both directions: inlet / outlet can be installed horizontally or vertically;
- ◆ High-precision gears and 2-,3-or4- group heavy-duty bearings ensure the smooth operation of the whole pump, and the service life is greatly increased;
- ◆ Specially designed rotor can obviously improve the efficiency while pumping the low-, medium- and high-viscosity materials. CIP cleaning requirement can also be met;
- ◆ The built-in mechanical seal with sanitary design has no dead angle, which features simple assembly / disassembly, and convenient maintenance (on-line maintenance can be realized);
- ◆ Involute spline design makes more uniform torque distribution, more convenient assembly or disassembly while ensuring accuracy.



The Series SLP sanitary lobe pumps are suitable for pumping medium- or high- viscosity materials with sanitary requirements. They are widely used in food and beverage industry. such as syrup, fructose, jelly, chocolate sauce, concentrated fruit juice, jam, condiment, yogurt products, as well as in daily chemicals, pharmaceutical chemicals etc.

The Series SLP standard lobe pumps are suitable for pumping various media in fine chemicals, paper, chemical fiber, paint, and coating, for example paint, additives, silicone oil, starch paste, pulp, sizing agent, viscose paste porridge, fiber, paint, coating etc.

Application area



Beverages, Dairy



Beer, Liquor, Red wine



Fine chemicals



Seasonings, Sauces



Daily chemicals, Detergents

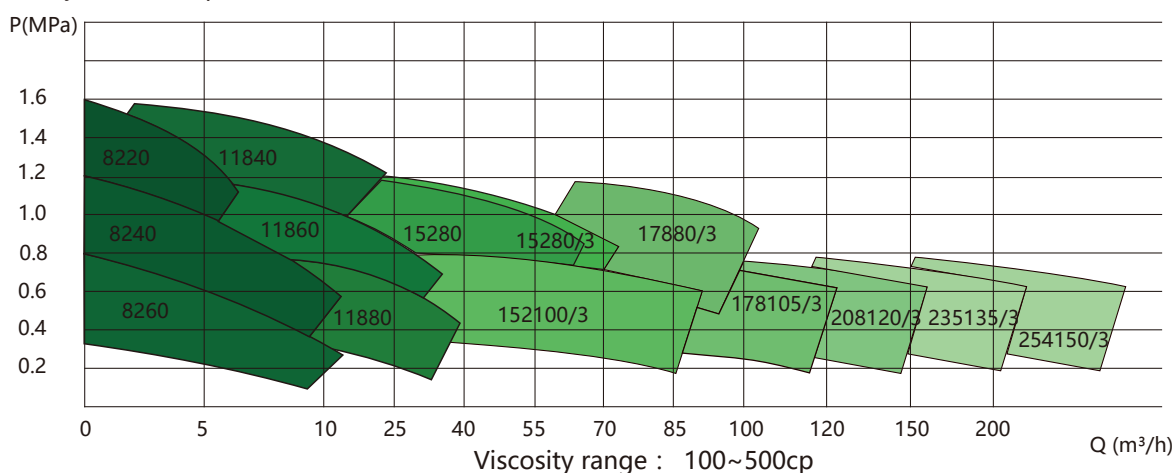


Pharmaceutical chemicals

SLP Series

Sanitary Lobe Pump

Pump selection chart

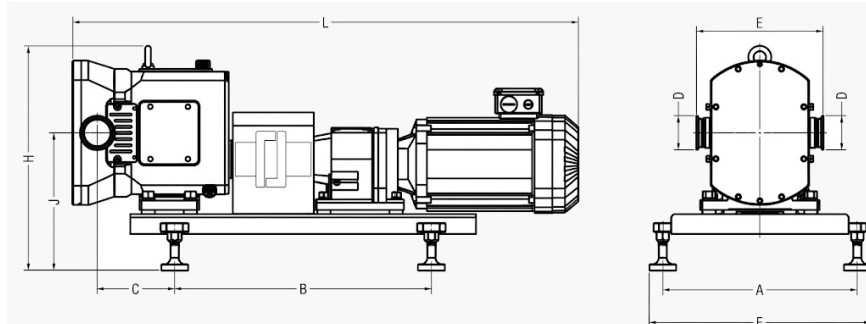


Technical Parameters

SANITARY LOBE PUMP

Technical Parameters

Model	Displacement (L/r)	Max. speed (r/min)	Max. flow (m³/h)	Max. pressure (bar)	Inlet/outlet diameter
SLP8220	0.15	720	6	16	1.5 "
SLP8240	0.31	720	13	12	2 "
SLP8260	0.46	600	16	8	2.5 "
SLP11840	0.65	600	23	16	2.5 "
SLP11860	0.98	600	35	12	3 "
SLP11880	1.3	500	39	8	3.5 "
SLP15280	2.2	500	66	12	3.5 "
SLP15280/3	2.7	450	72	12	3.5 "
SLP152100/3	3.37	450	90	8	4 "
SLP17880/3	3.9	450	105	12	4 "
SLP178105/3	5.1	400	122	8	5 "
SLP208120/3	7	350	150	8	5 "
SLP235135/3	10	350	210	8	6 "
SLP254150/3	13	350	273	8	8 "



External dimensions

Model	A	B	C	D	E	F	H	J	L
SLP8220	340	400	146.5	1.5"	216	400	425	270	867
SLP8240	340	400	158.5	2"	219	400	435	280	886
SLP8260	340	400	172.5	2.5"	225	400	445	290	936
SLP11840	440	600	174.5	2.5"	287	500	507	311	1125
SLP11860	440	600	187.5	3"	287	500	512	316	1223
SLP11880	440	600	200.5	3.5"	287	500	517	321	1241
SLP15280	440	1000	213	3.5"	402	500	626	383	1566
SLP15280/3	440	1000	213	3.5"	402	500	626	383	1566
SLP152100/3	440	1000	218	4"	402	500	626	383	1620
SLP17880/3	540	1200	235	4"	420	600	735	425	1680
SLP178105/3	540	1400	250	5"	420	600	750	445	1820
SLP208120/3	600	1400	265	5"	470	660	820	495	2130
SLP235135/3	600	1400	280	6"	470	660	835	510	2350
SLP254150/3	600	1600	320	8"	520	720	960	576	2940

Remarks: For different motor or reducer brands, the installation dimensions are different; The dimensions in this manual are for reference only. For details, please consult FIDATO Sales or Technical Engineer

[illegible]

Your local distributor details:



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