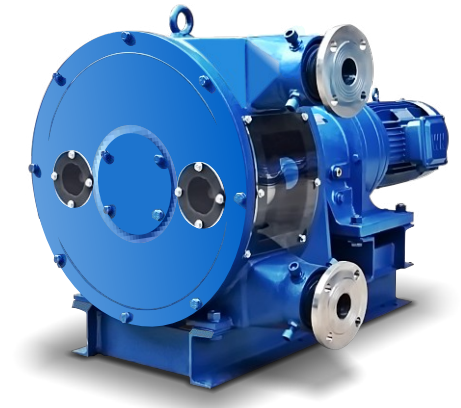


SeFluid is one of the leading peristaltic pump manufacturers in China. We are committed to continuously improving the performance and life of our pumps. Therefore, we use top quality components for our products. The motors, gearboxes and bearings used in our hose pumps are produced by China's top manufacturers. At the same time, we continuously improve the raw material formulation of our hoses, resulting in the same service life as other peristaltic pump manufacturers around the world.

We produce better peristaltic pumps with highest quality

Unlike most other peristaltic pump brands, we insist on not using any lubricant in all our pumps. It is easy to replace hoses for our pumps, replace hoses while ensuring that they have the same life as other brands of hoses, without worrying about environmental pollution caused by oil leakage.

In the manufacture of our hose pumps, we adhere to the highest product quality standards in China. All products are tested and tested 100% before they leave the factory. At the same time, during the lifetime use of our products, we ensure that we provide complete after-sales technical support to ensure that customers can use our products with confidence.



Why SeFluid Peristaltic Pump Series?

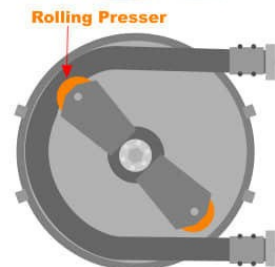
Long Service Life Peristaltic Pump Hose

The hose is one of the core components of a peristaltic pump. The quality of the hose determines the life and performance of the peristaltic pump. A good hose can maximize the function of the peristaltic pump. Peristaltic pump hose is generally composed of three layers: the inner layer, the middle layer and outer layer. The inner layer is a special material layer in direct contact with the fluid. Depending on the physical properties of the fluid, the inner layer will use different materials. The middle layer is a reinforcement layer, mainly used to strengthen the hose strength and resistance to crush life. The outer layer is friction resistant and wraps around the ribs inside the reinforcement and withstands the sliding or rolling friction of the peristaltic pump rotor shoe or rollers.

SeFluid peristaltic pump hoses have an inner layer of high quality special rubber that is suitable for use with corrosive and abrasive fluids. The middle layer of reinforcement is made of high quality nylon, enabling the hose to withstand pressures up to 16 bar and has excellent fatigue resistance. The outer layer is made of high quality wear-resistant rubber, which strengthens the strength of the hose and at the same time has very good wear resistance, and can withstand long rolling friction and high temperatures generated by friction, thus greatly extending the life of the hose. In addition, the shape of each SeFluid peristaltic pump hose is machined to a high degree of precision to ensure that the hose fits the pump perfectly.

No Need of Lubricant

In the current market, most peristaltic pumps use a sliding shoe extrusion structure. The contact between the extrusion device and the hose is by means of sliding friction. In order to reduce damage to the hose from the sliding shoe, a large amount of lubricant must be filled in the pump cavity. These lubricants need to be changed after extended use or when the hose is replaced. Replacing these lubricants is cumbersome, time-consuming and costly, and the used lubricants that are replaced have the potential to contaminate the environment. What's more, after the hose has reached the end of its life, or if it ruptures





unexpectedly for special reasons, the lubricant in the pump cavity may penetrate directly into the conveyed material, resulting in serious contamination of the material. This can lead to serious contamination of the material to be pumped, such as pharmaceuticals or foodstuffs, with very serious consequences.

Meanwhile, all SeFluid hose pump series use sliding rollers as extrusion devices, so that the pump cavity does not need to be filled with any lubricating oil. As a result, our peristaltic pump series are characterized by lower maintenance costs, easy hose replacement, short downtime and no contamination of the environment or the material.

High Performance Reducer

The gearbox is also one of the core components of the hose pump and one of determining factor for the life of a peristaltic pump. The gearbox greatly increases the torque of the central shaft by reducing the speed of the motor, thus driving the hose pump rotor to crush the hose and transfer the material.

On all SeFluid peristaltic pumps, top brands of gearboxes are applied offering small size, high torque, long life and quiet operation. Each reducer is carefully adjusted and tested before delivery. SeFluid peristaltic pumps are designed to work well throughout their lifetime without special or additional maintenance.

Fluid types peristaltic pumps suit to

A peristaltic pump is very ideal for pumping of below fluid types which are hard for other pump types to handle:

High Viscosity Glue, honey etc.	Toxic Liquid Cyanide, catalyst ect.	Corrosive Liquid Acid or alkaline liquids	Abrasive Fluid Slurry and concrete	Dosing Required Fluid Dosing in chemical industry
High Pureness Fluid Edible oil, wine, biotechnology and pharmacy	Bad Flowability Media Mud like material, cosmetics etc.	Fluid containing solid and long fibers Domestic sewage and industrial waste water	Shearing Sensitive Liquid Delivery of shrimp for fishery industry; Fruit particles in food industry	

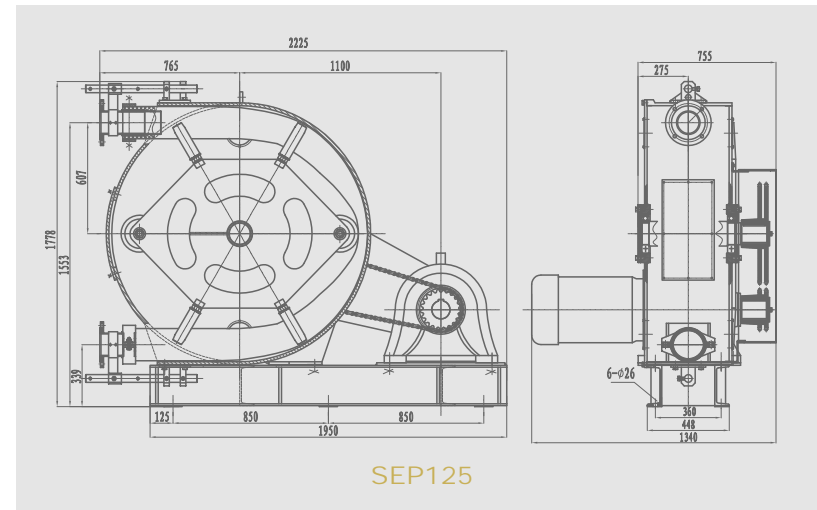
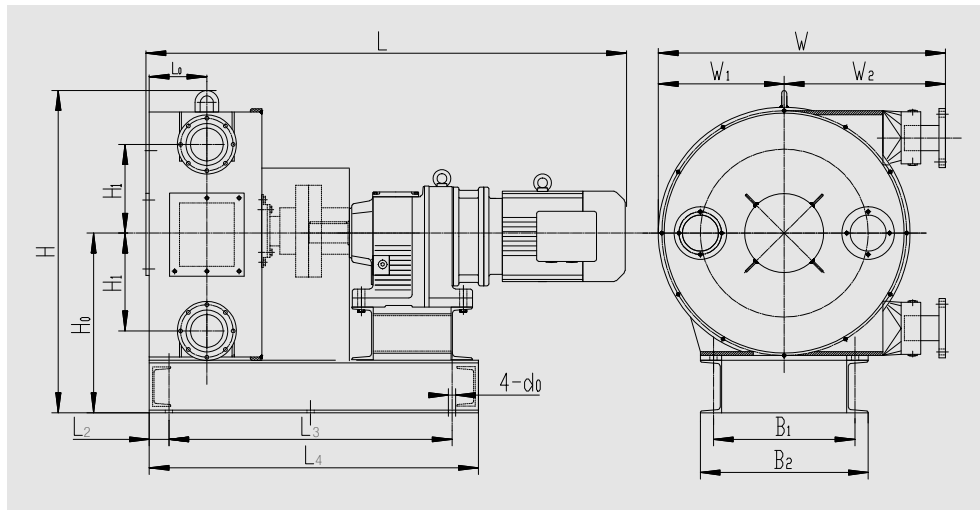


- Material: carbon steel / SS304(pump body) / SS316L(pump body)
- Lubricant: no need
- Hose: NR (natural rubber), EPDM (Ethylene Propylene Diene Monomer), NBR (Nitrile-butadiene rubber), NR-F, Neoprene, Silicon Rubber, CSM(Hypalon)

Technical Specification (Single Hose Series)

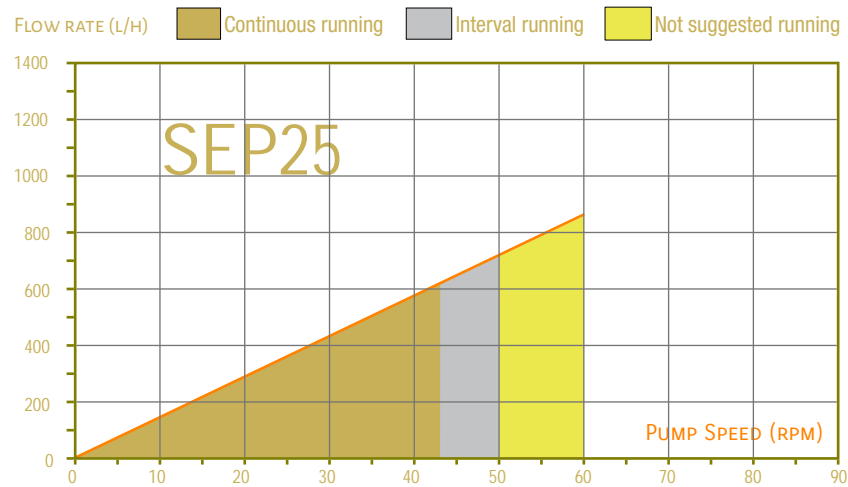
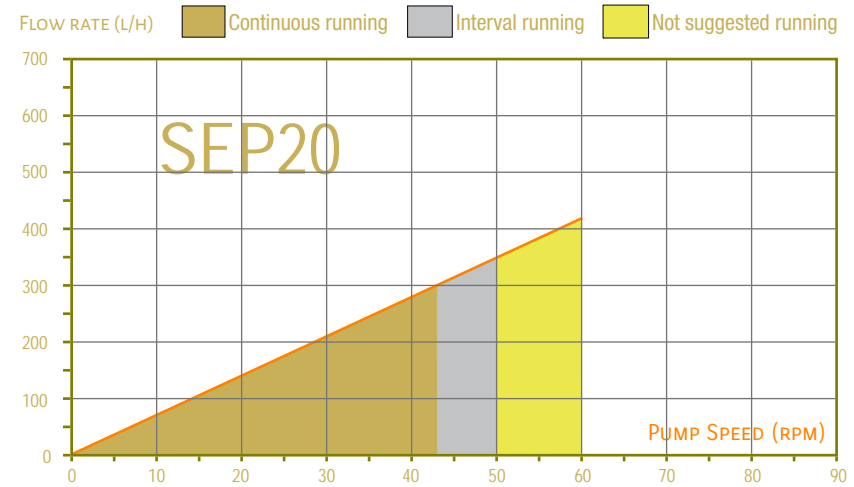
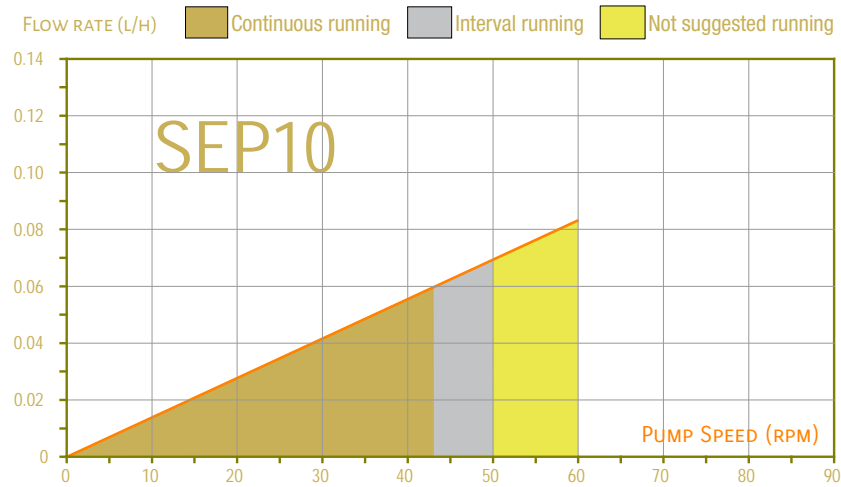
ITEM	SEP10	SEP20	SEP25	SEP32	SEP40	SEP50	SEP65	SEP75	SP100	SEP125
Rated Power (Kw)	0.37	0.75	1.1	1.5	2.2	4	5.5	7.5	15	22
Nomal Flow Rate (l/h)	60	300	500	1000	2500	6000	11000	20000	30000	50000
Max. Discharge Pressure (Mpa)	1.2	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.8
Speed (rpm)	43	43	35	43	50	50	43	50	21	20
Max. Temperature (°C)	90	90	90	90	90	90	90	90	90	90

Size

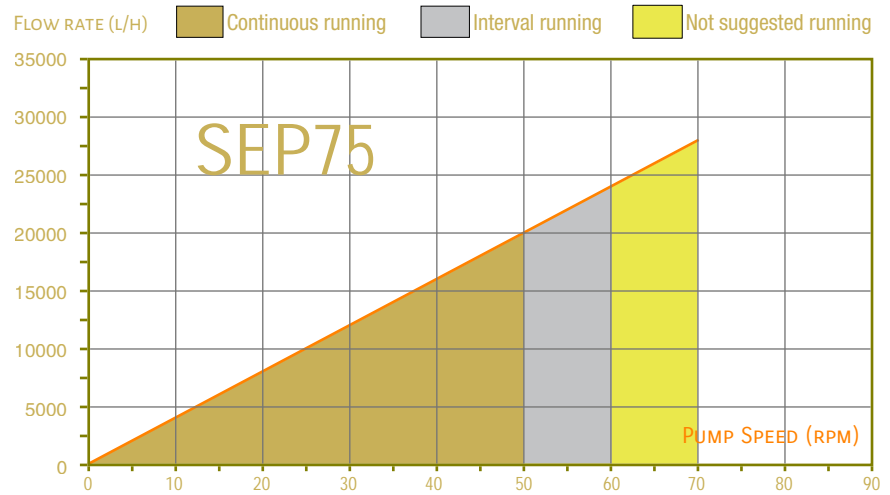
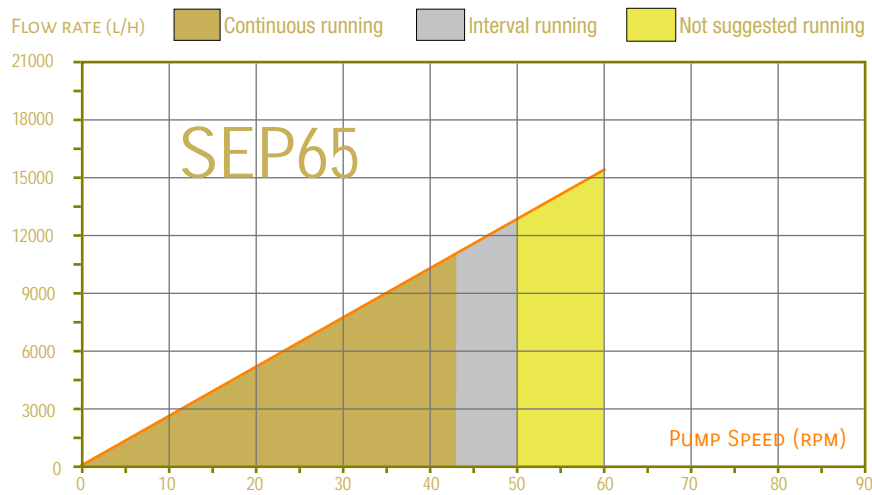
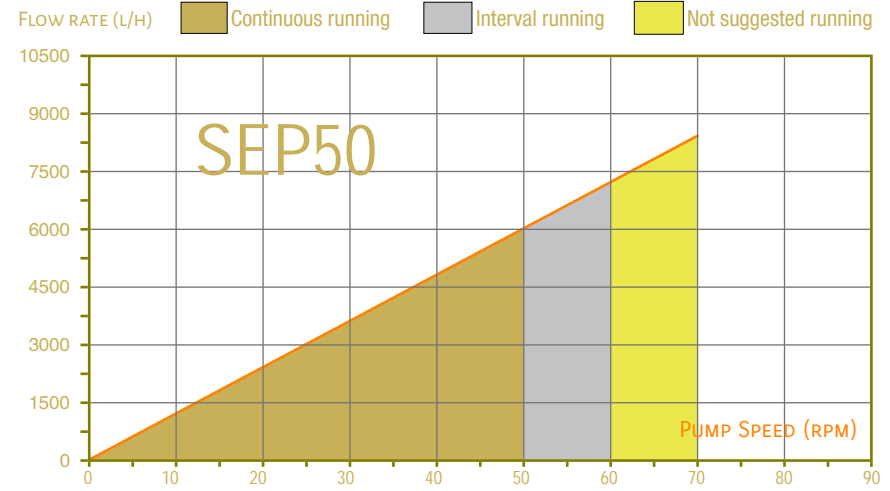
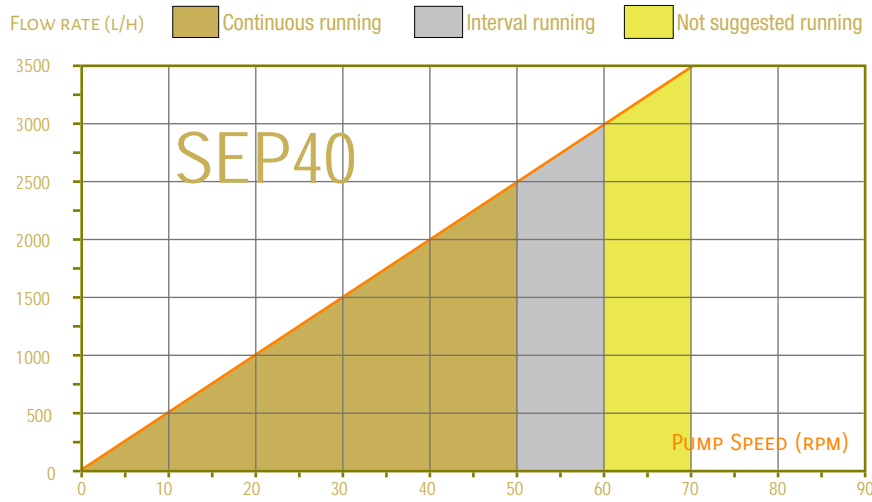


MODEL	L	L ₀	L ₂	L ₃	L ₄	H	H ₀	H ₁	W	W ₁	W ₂	B ₁	B ₂	d ₀	d _g
SEP10	535	59	20	330	370	292	174	68	250	85	165	105	145	11	10
SEP20	735	93	30	395	455	394	228	86	377	130	247	130	165	12	20
SEP25	872	100	25	400	545	524	326	115	466	156	310	225	275	16	25
SEP32	894	107	25	530	580	565	328	138	492	187	305	220	270	16	32
SEP40	970	115	50	480	635	590	320	160	482	212	270	255	305	16	38
SEP50	1065	137	50	650	750	685	368	215	725	270	455	330	380	18	50
SEP65	1440	165	75	800	1000	955	526	282	810	352	458	400	456	22	65
SEP75	1460	75	60	860	1000	980	545	282	872	382	490	430	490	22	76
SEP90	1510	218	58	860	1020	1200	645	382	1089	488	601	660	720	22	90
SEP100	1650	220	58	880	1060	1205	650	390	1100	490	605	660	720	26	125

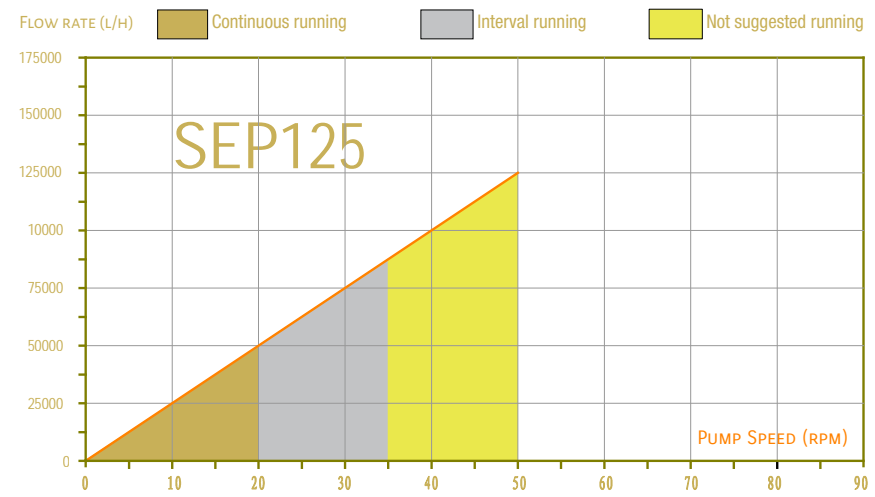
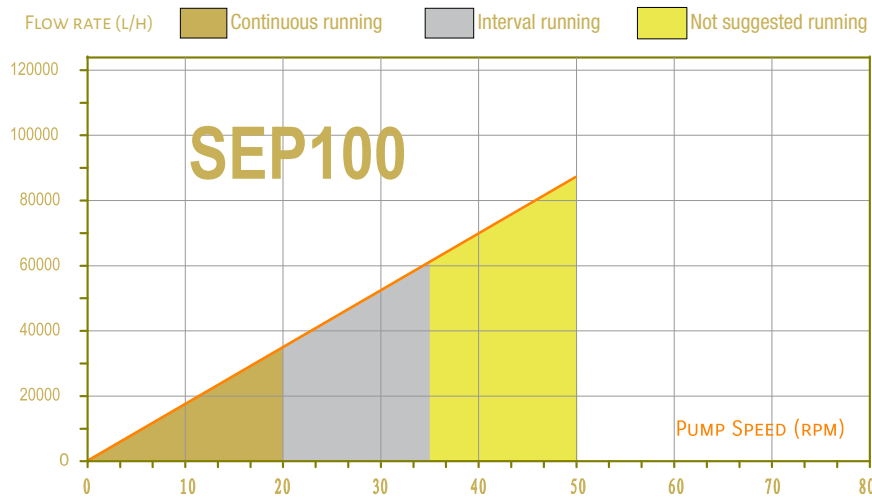
Curve Graph



Curve Graph



Curve Graph



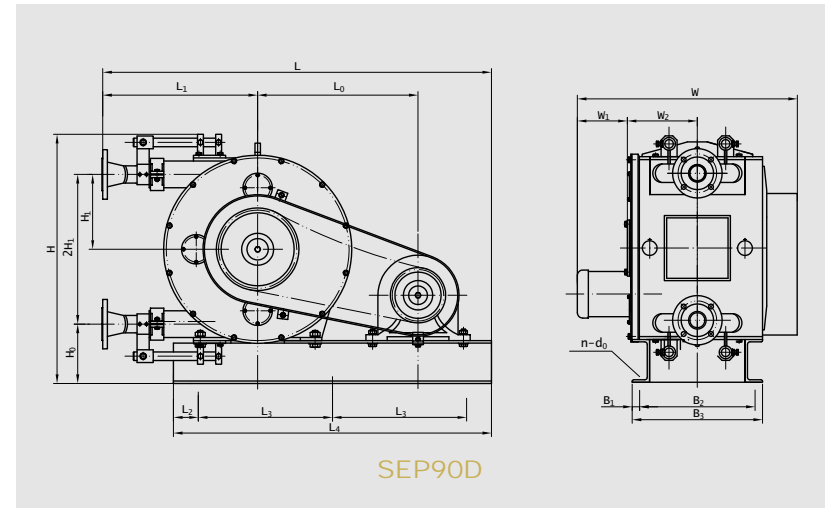
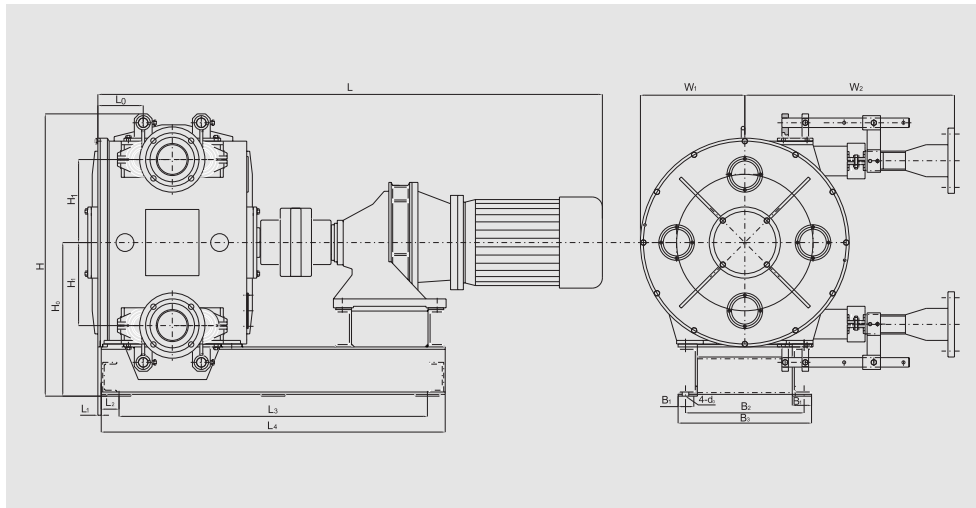
Technical Specification (Double Hose Series)



- Material: carbon steel / SS304 (pump body) / SS316L (pump body)
- Lubricant: no need
- Hose: NR (natural rubber), EPDM (Ethylene Propylene Diene Monomer), NBR (Nitrile-butadiene rubber), NR-F, Neoprene, Silicon Rubber, CSM (Hypalon)

ITEM	SEP10D	SEP65D	SEP75D	SEP90D
Max. Continuous Working Flow Rate (l/h)	120	25000	35000	60000
Rotation Speed (rpm)	43	43	43	25
Rated Power (Kw)	0.75	11	11	30
Max. Interval Working Flow Rate (l/h)	150	29000	45000	80000
Rotation Speed (rpm)	50	50	50	35
Rated Power (Kw)	1.1	15	15	37
Max. Discharge Pressure (Mpa)	1.0	0.8	0.8	0.6
Max. Temperature (°C)	90	90	90	90

Size



MODEL	L	L ₀	L ₁	L ₂	L ₃	L ₄	H	H ₀	H ₁	W	W ₁	W ₂	B ₁	B ₂	B ₃	d ₀	d ₁
SEP10D	705	101	5	70	270	480	293	174	68	255	90	165	20	110	150	13	20
SEP65D	1735	285	12	60	1040	1160	952	518	275	1059	352	707	65	400	450	22	100
SEP75D	1890	305	15	67	1160	1294	1022	548	298	1120	390	730	65	440	490	22	100

MODEL	L	L ₀	L ₁	L ₂	L ₃	L ₄	H	H ₀	H ₁	W	W ₁	W ₂	B ₁	B ₂	B ₃	n-d ₀	d ₁
SEP90D	2050	1000	790	150	775	1850	1720	295	680	1365	395	318	40	495	575	6×Φ26	125

Curve Graph

