

Pump head-LK series

LK15

Flow: 0.0063-2190mL/min

Using tubing: 13#, 14#, 19#, 16#, 25#, 17#, 18#

Application: It is used for precise filling and mechanical matching of small and medium doses of various liquids, such as pharmaceutical, food, chemical, biological, laboratory, environmental engineering and other industries; the most prominent feature of LK series products is their high linearity and stable flow ; Good flow repeatability, the tube is not easy to run out of the pump head and the tube is forced, and the reliability is high.

Characteristics

1. The product has the dust-proof function of the roller, which improves the overall life of the product. (See the picture on the right for details)
2. High flow linearity (linearity refers to the degree of agreement between the linear relationship between speed and flow)
3. Independent clamping device, the clamping does not depend on the arc, the position of the tubing does not change when the arc is removed, and the flow repeatability is good; and this clamping device can greatly reduce running tube, ban the possibility of tube.
4. Widen scroll wheel, high fault tolerance.
5. The product is compact in structure and small in size, which is convenient for mechanical supporting applications; the arc can be disassembled, which is easy to clean the inside of the pump head.
6. The stuck tube device can adapt to 7 types of tubings: 13#, 14#, 19#, 16#, 25#, 17#, 18#.
7. Support multiple pump heads in series; four rollers to reduce pulsation.
8. The main body is made of polyphenylene sulfide (PPS) material, which is resistant to high temperature and chemical corrosion (especially excellent in resistance to strong chemical corrosion such as organic solvents), stable size, accurate flow and long-term high-load movement.
9. The roller device is made of 304 stainless steel, which is durable.
10. All gaskets are made of PTFE gaskets, which are anti-aging and corrosion-resistant, and prolong the service life of the pump head.

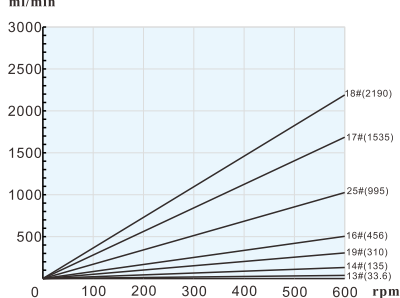
Specifications

Model	LK15		
Technical index			
Using tubing	13#, 14#, 19#, 16#, 25#, 17#, 18#	外壳材质	PPS
Flow range	0.0063-2190mL/min	滚轮装置材质	SS
Tubing wall	1.6mm	滚轮数量	4
Roller seal	Yes	泵头重量	0.55kg
Factory pressure	0.15Mpa	产品编号	02021503

Using tubing and flow range

Tubing	Tubing size ID*wall mm	Flow (mL/min) (0.1-600rpm)
13#	0.8*1.6	0.0063-37.8
14#	1.6*1.6	0.022-132
19#	2.4*1.6	0.051-306
16#	3.2*1.6	0.084-504
25#	4.8*1.6	0.171-1026
17#	6.4*1.6	0.281-1686
18#	7.9*1.6	0.365-2190

Flow reference curve



The roller is dustproof and waterproof, extending the life of the pump head

--Utility model patent number: 201720657416.X

After a lot of practice, the life of the pump head of the peristaltic pump mainly depends on the life of the pump head roller. The reason is that during the use of the pump head, the roller bearing will be contaminated due to factors such as tubing rupture and harsh environmental conditions, causing irreversible injury. LK series peristaltic pump head roller seal can effectively prevent the roller bearing from being contaminated, greatly extending the service life of the pump head, and the roller bearings are made of corrosion-resistant stainless steel.



Size

