

Planetary Gear Type Industrial Pump Head



Model No.: DZ45

Flow Rate : 1000-28150mL/min



DZ45-I
tubing with connector



DZ45-II
continuous tubing

Product Introduction

DZ45 pump head, aluminum alloy shell, 304 stainless steel roller assembly. Four rollers design, low pulsation. Planetary gear roller, driven rotor.

Product Features

Long service life of tube: The rollers of the planetary gears are powered by self-transmission, rolling friction with the tube, extending the service life of the tube.

High torque, shock resistant: Planetary gears have multiple contact surfaces, multiple gear surfaces receive shock loads evenly across 360°, make the load on each gear smaller and can accept higher torque shock.

Running smoothly: The unique multi-point uniform fit in planetary gear combinations, and our company's gear processing technology is fine grinding, can achieve higher precision positioning and make it run smoothly.

Technical Specifications

Pump Head	Housing Material	Tube Clamp Material	Speed (rpm)	mL/r	Tubing		Flow Rate (L/min)	Weight (kg)
					Size	ID×Wall Thickness(mm)		
DZ45	Aluminum alloy	Aluminum alloy	0.1-300	0.019	193#	9.6x4.8	0.0019-5.66	10
				0.035	88#	12.7x4.8	0.0035-10.5	
				0.047	189#	15.9x4.8	0.0047-13.98	
				0.063	191#	19.4x4.8	0.0063-18.78	
			0.1-270	0.104	92#	25.4x4.8	0.0104-28.15	

 Dimension Drawing (Unit:mm)

