

ECN090-03P3-09P1

Through hole slip ring

ECN series is a family of through bore slip rings, with a central hole from 3mm up to $\phi 980\text{mm}$, designed and manufactured by CENO with patented technology. Slip rings of the ECN series have the characteristics of precious metal contact and a long service life up to 200 million turns. The through bore can be used to mount the slip ring on a bracket or used for routing hydraulic pneumatic passages as it can integrate pneumatic hydraulic rotary joints, high-frequency rotary joints and fiber optic rotary joints to meet more technical challenges.

Features


- ◆ Temp $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$
- ◆ 3 rings*15A, 9 rings*5A
- ◆ Through bore 90mm
- ◆ Aluminium housing
- ◆ Reliability performance

Applications

- ◆ Automatic winding machine
- ◆ Packaging machine
- ◆ Lithium battery
- ◆ Offshore equipment
- ◆ Military industry

Optional

- ◆ Through hole size
- ◆ Current rating
- ◆ Integrate various signal
- ◆ IP protection grade
- ◆ Contacts material

ECN090-03P3-09P1	Specification	Picture
Circuits & Current	3*15A, 9*5A	
Voltage	0~380VAC	
Electrical noise	Max 70m Ω (50rpm)	
Dielectric strength	$\geq 1000\text{V}@50\text{Hz}$	
Insulation resistance	$\geq 500\text{M}\Omega@500\text{VDC}$	
Operating speed	0-50 rpm	
Contact material	Precious metal	
Housing material	Aluminium alloy	
IP protection grade	IP54	
Working temperature	$-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$	
Through hole size	90 mm	
Cable length	800 mm on both sides	

Outline Drawing

