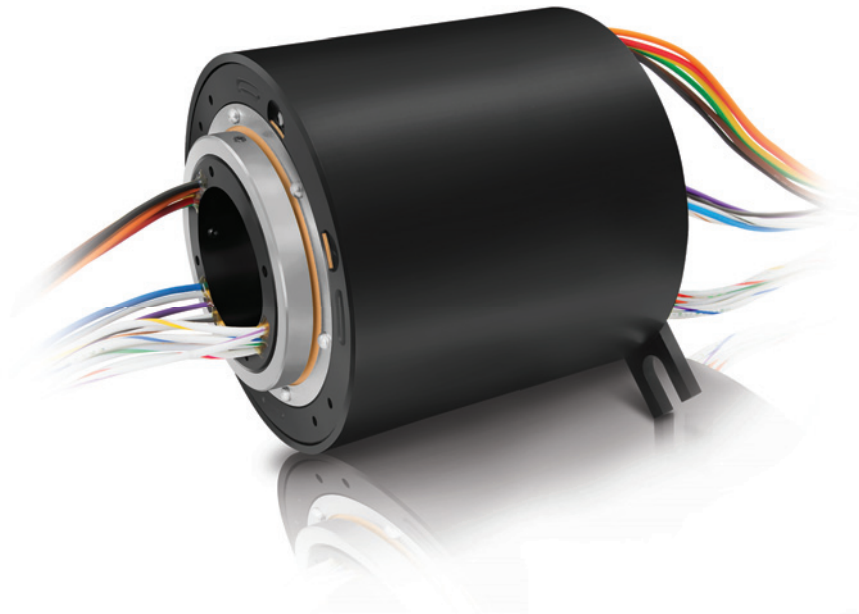


# EST SERIES

## Series Overview

- + 1.5" Inch Thru-bore for Shaft Mounting
- + Unique Fiber Brush Contact Technology
- + Low Contact Force per Fiber
- + Transfers Analog and Digital Signals
- + Low Electrical Noise
- + Data Speeds up to 50 Megabits / Sec.\*
- + Compatible With a Range of Data Bus Protocols



The EST Series electrical thru-bore slip ring is a rotating assembly used to transfer power, control circuits or data (analog / digital) from stationary inlets to rotating outlets.

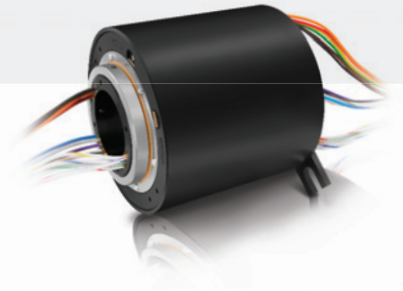
EST Series slip rings feature a 1.5 inch thru-bore for shaft mounting and incorporate low-wear, fiber brush contacts that do not require lubrication and produce virtually no wear debris. Standard models are available in 6, 12, 18, and 24 circuits.

## Specifications

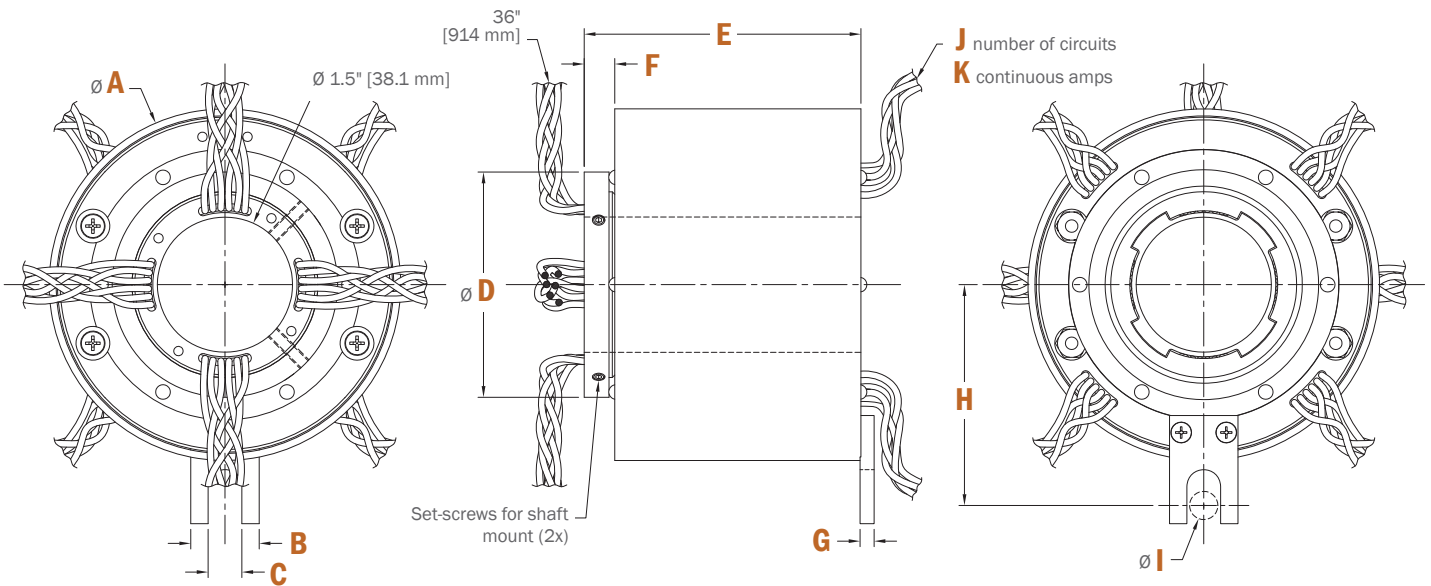
Max. Operating Speed	250 RPM Continuous
Standard Circuit Options	6, 12, 18, 24
Voltage	600
Amps / Circuit	10
Lead / Size Type	16 gauge silver/tin plated copper, Teflon®
Temperature Range	-40 °F to 176 °F (-40 °C to +80 °C)

\* For higher data speeds see our ESE & ESET Series slip rings

## EST SERIES



## Dimensions



	EST6	EST12	EST18	EST24
<b>A</b>	3.90" [99.06mm]	3.90" [99.06mm]	3.90" [99.06mm]	3.90" [99.06mm]
<b>B</b>	.76" [19.30 mm]	.76" [19.30 mm]	.76" [19.30 mm]	.76" [19.30 mm]
<b>C</b>	.375" [9.53mm]	.375" [9.53mm]	.375" [9.53mm]	.375" [9.53mm]
<b>D</b>	2.5" [63.50mm]	2.5" [63.50mm]	2.5" [63.50mm]	2.5" [63.50mm]
<b>E</b>	2.13" [54.10mm]	3.07" [77.98mm]	4.01" [101.85mm]	4.94" [125.48mm]
<b>F</b>	.34" [8.64mm]	.34" [8.64mm]	.34" [8.64mm]	.34" [8.64mm]
<b>G</b>	.15" [3.81mm]	.15" [3.81mm]	.15" [3.81mm]	.15" [3.81mm]
<b>H</b>	2.45" [62.23mm]	2.45" [62.23mm]	2.45" [62.23mm]	2.45" [62.23mm]
<b>I</b>	.313" [7.95mm]	.313" [7.95mm]	.313" [7.95mm]	.313" [7.95mm]
<b>J</b>	6 Circuits	12 Circuits	18 Circuits	24 Circuits
<b>K</b>	10 Amps	10 Amps	10 Amps	10 Amps

# EST SERIES

## Wire Color Codes

EST6			EST12			EST18			EST24		
Tag #	Color	Description/Awg	Tag #	Color	Description/Awg	Tag #	Color	Description/Awg	Tag #	Color	Description/Awg
1	BLK	10A/16	1	BLK	10A/16	1	BLK	10A/16	1	BLK	10A/16
2	BRN										
3	RED										
4	ORN										
5	YEL										
6	GRN										
7	BLU										
8	VIO										
9	GRY										
10	WHT										
11	WHT-BLK										
12	WHT-BRN										
13	WHT-RED										
14	WHT-ORN										
15	WHT-YEL										
16	WHT-GRN										
17	WHT-BLU										
18	WHT-VIO										
19	WHT-GRY										
20	WHT-BLK-BRN										
21	WHT-BLK-RED										
22	WHT-BLK-ORN										
23	WHT-BLK-YEL										
24	WHT-BLK-GRN										



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