

# 2.50" - 4.00" Bore

## Performance & Economy in a Versatile Assembly

The unique design of UEA's 2.50" - 4.00" bore slip rings means outstanding quality and performance and economy for the customer. These powerful slip rings, which can be easily installed and serviced in the field, are available in four standard bore sizes:

- Model S25 with 2.50" (63.5mm) bore
- Model S30 with 3.00" (76.2mm) bore
- Model S35 with 3.50" (88.9mm) bore
- Model S40 with 4.00" (101.6mm) bore
- (Custom bore sizes available)

### General Features

- Patented double pivot brush design
- Superior cleaning action
- High contact pressure
- Two copper graphite brushes/circuit minimum
- Copper alloy rings
- Temperature extremes: -40°F to 200°F (-40°C to 93.3°C)
- Corrosion inhibiting parts throughout
- Brass set screw connectors or copper lugs for easy center harness attachment
- Optional pre-wired harnesses

### Unique Features

- 7.5, 10-15, 20, 30-45, 60-75, 125-150, 200-300, 500-600 Amperes/circuit rated at 28 V-DC up to 600 V-AC
- Double stacked brushes on 200-600 Amp circuits
- Nylon GSM Nylatron on stainless steel bearings
- 50 RPM max. rotational speed
- Can be modified down to 2.0" or up to 4.5" bore size for certain applications

### Dimensions for 2.50" - 4.00" Bores

- Mounting holes —Two 0.531" (13.5mm) dia. holes at 180° on 8.25" (209.6mm) dia. B.C.
- Diameter—12.00" (304.8mm) max. (without enclosure)
- Core lead extension 'CL' beyond 'H' dimension depends upon number and type of core leads

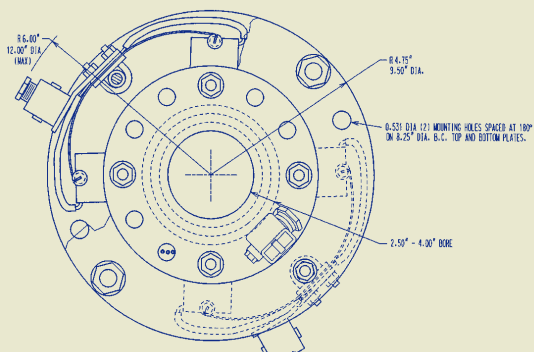
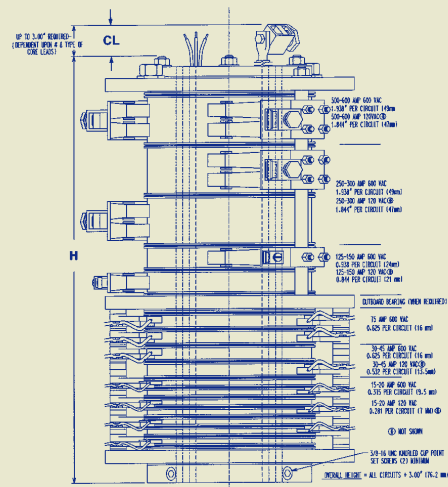
## CORE HEIGHT CHART

Amperage	Voltage*	Core Hgt/Ckt** Inches (mm)
7.5A	28, 120	0.188 (4.78)
10-20	28, 120	0.281 (7.14)
10-20	220-600	0.375 (9.53)
30-45	28, 120	0.532 (13.51)
30-45	220-600	0.625 (15.88)
75	28, 600	0.625 (15.88)
125-150	28, 120	0.844 (21.44)
125-150	220-600	0.938 (23.83)
200-300	28, 120	1.844 (46.84)
200-300	220-600	1.938 (49.23)
500-600	28, 120	1.844 (46.84)
500-600	220-600	1.928 (49.23)
Center Bearing, when required		0.813 (20.65)

\*28V-DC, 120V-AC, 220-600V-AC or V-DC

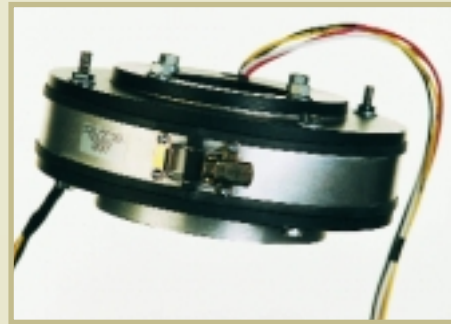
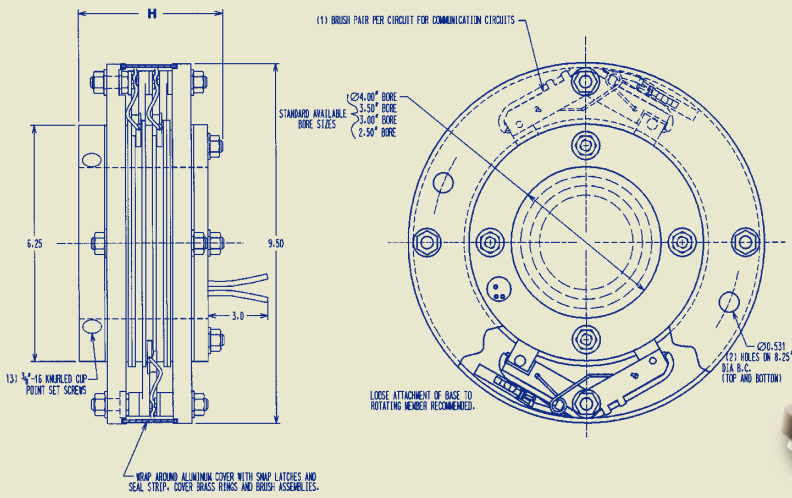
\*\*tolerance 3%

Height: To determine 'H', add 3.00" (76.2mm) to total height of circuits required.

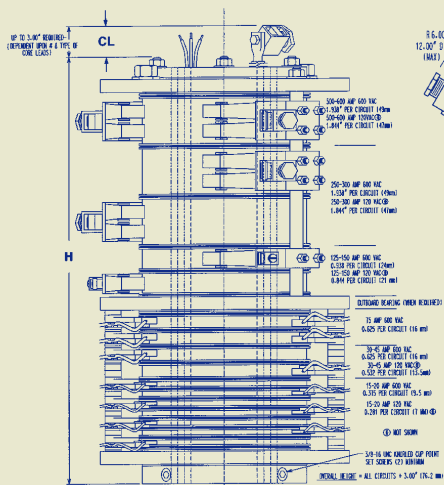
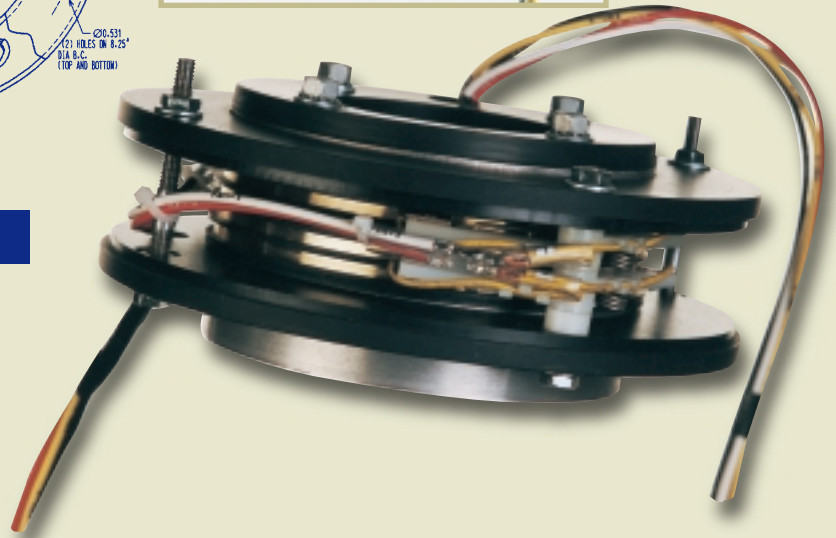




# 2.50" - 4.00" Bore continued



**Model S40C**



**Model S250**

