

6.00" - 8.00" Bore

Full Performance in a Larger Unit

UEA Large Bore Slip Rings were specifically designed for applications requiring large center passageways. They have all the features and performance capabilities of the S15 model.

Two standard large bore models are available:

- Model S60 with 6.00" (152.4mm) bore
- Model S80 with 8.00" (203.2mm) bore

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

- 10-15, 20, 30, 45, 75, 125-150, 200-300, 500-600 Amperes/circuit, rated from 28 V-DC to 600 V-AC
- 30 rpm maximum rotational speed
- Minimum height design
- Optional high-abrasion brushes for corrosive atmospheres
- Rugged Valox polyester and nylon components
- Optional side-mounted junction blocks
- Special bore sizes between 6" and 8" or down to 5"

Dimensions for 6.00" - 8.00" Bores

- Mounting holes—two 0.500" (12.7mm) dia. holes at 180° on 12.38" (314.5mm) dia. B.C.
- Diameter—13.5" (342.9mm) exclusive of copper lugs on higher power circuits
- Core lead extension 'CL' beyond 'H' dimension depends upon number and type of core leads

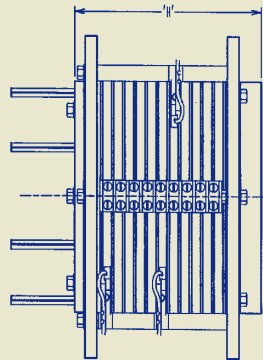
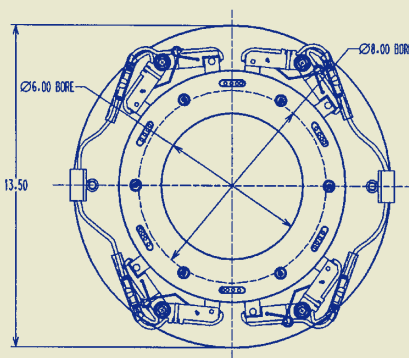
CORE HEIGHT CHART

Amperage	Voltage*	Core Hgt/Ckt** Inches (mm)
10-15	28, 120	0.281 (7.14)
20	28, 120	0.281 (7.14)
10-20	220-600	0.531 (13.49)
30	28, 120	0.281 (7.14)
30	220-600	0.531 (13.49)
45	28, 120	0.469 (11.91)
45	220-600	0.719 (18.26)
75	28, 120	0.469 (11.91)
75	220-600	0.719 (18.26)
125	28-600	0.719 (18.26)
125-150	28, 120	0.844 (21.44)
125-150	220-600	1.094 (27.79)
250-300	28, 120	1.804 (45.82)
250-300	220-600	2.054 (52.17)
500-600	28, 120	1.804 (45.82)
500-600	220-600	2.054 (52.17)

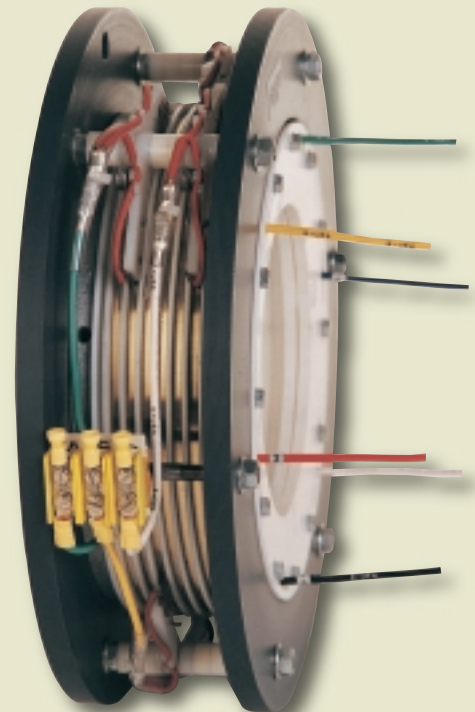
*28V-DC, 120V-AC, 220-600V-AC or V-DC

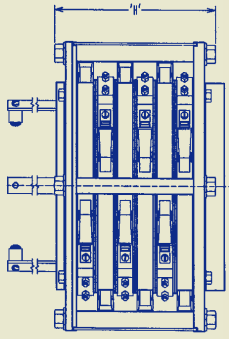
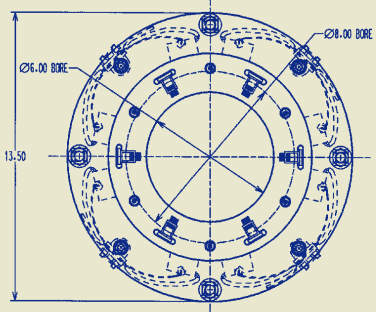
**tolerance 3%

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



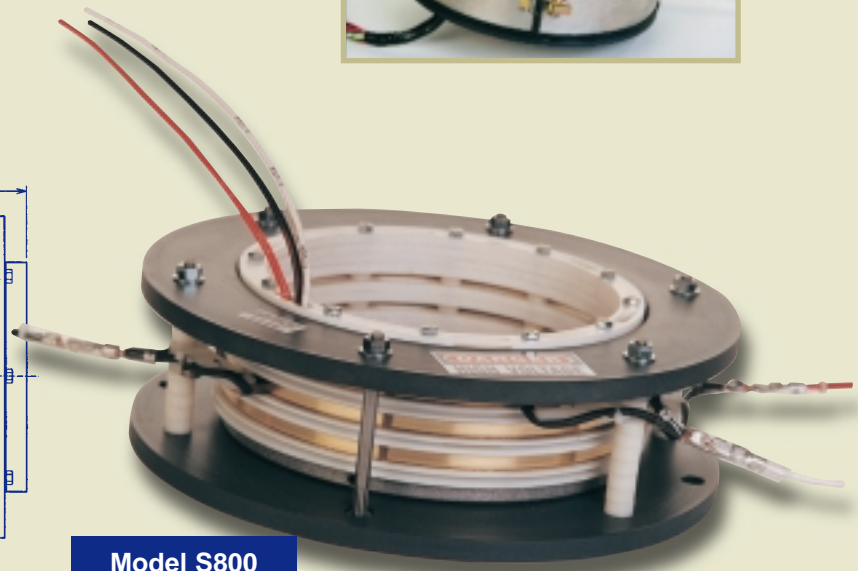
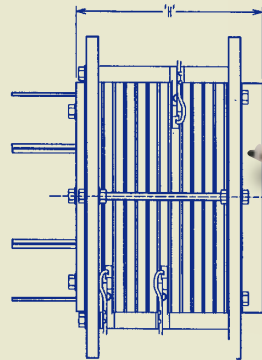
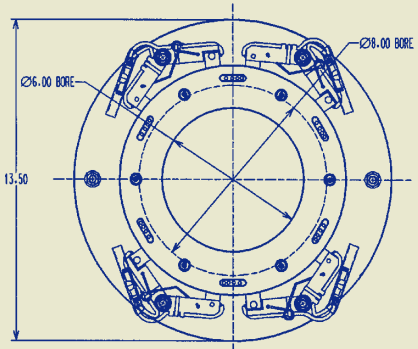
Model S60A



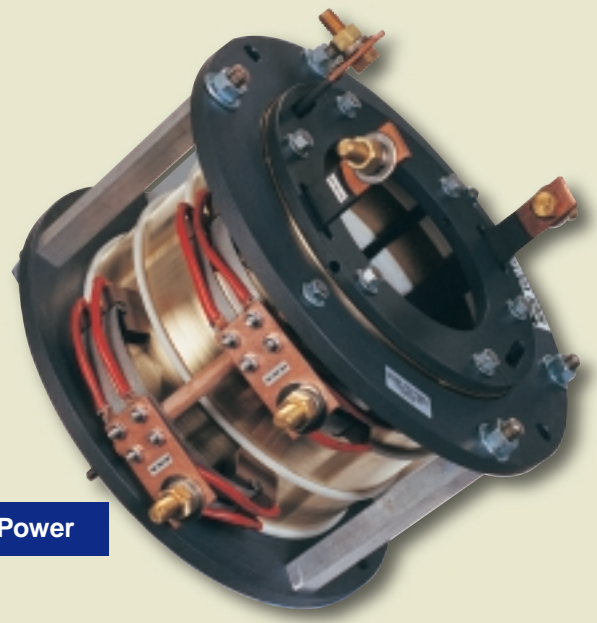
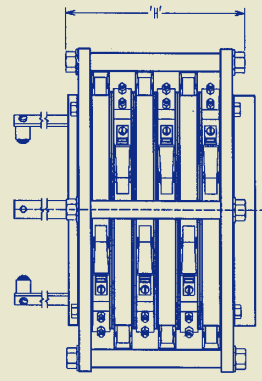
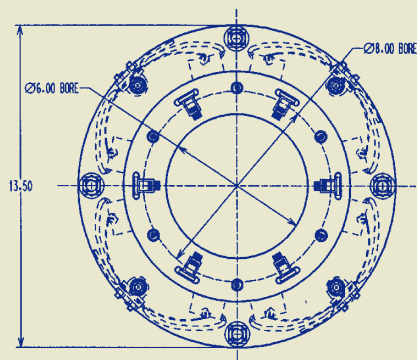


Model S60C

16(1) CIRCUITS RATED AT 250 AMP, 600 VAC



Model S80



Model S600 High Power

16(1) CIRCUITS RATED AT 250 AMP, 600 VAC