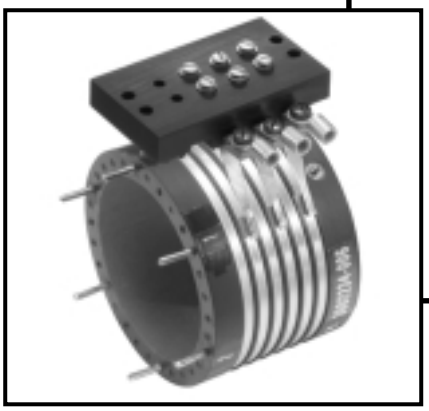
CAY-731 – 740 series

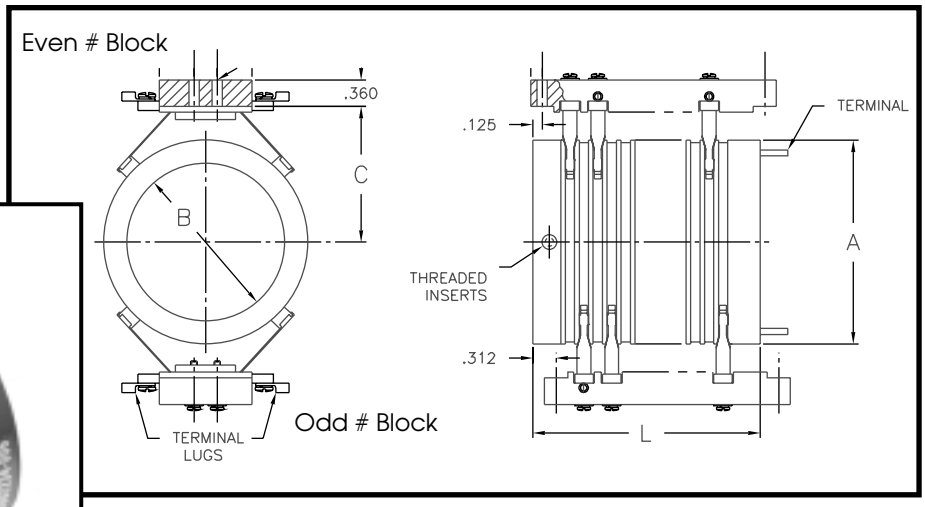
THRU BORE DESIGN

multi-purpose ring & brush block set

Taken from our DAY-490/DAY-499 series of enclosed assemblies, these power slip rings and matching brushes have found wide use because of their suitability in applications ranging from very low to very high speeds, while operating at low signal levels to loads of ten amperes per ring. Built for applications where bearing mounted assemblies are not practical, they feature coin silver rings and silver graphite brushes, and are available, with in-between shaft sizes and special mounting configurations. Contact our Engineering Department for further details.



unit shown with one brush block



M E C H A N I C A L

1. Rings: Coin silver
2. Brushes: Silver graphite, two per ring
3. Leafs: Beryllium copper
4. Insulation: Epoxy or laminated plastic

E L E C T R I C A L

1. No. of Rings: Up to 100
2. Current: 10 amp per ring (20 amp available)
2. Voltage: 250 volts maximum AC or DC
3. Dielectric Strength: 750 volts rms between circuits
4. Contact Resistance Variation: 10 milliohms maximum at maximum speed

PART NO.	A	THRU BORE B	C	Max Speed (RPM)
CAY-731	1.875	1.250	1.447	5000
CAY-732	2.750	2.125	1.829	4000
CAY-733	3.750	3.125	2.281	3000
CAY-734	4.875	4.125	2.822	2500
CAY-735	5.875	5.250	3.307	2000
CAY-736	7.000	6.250	3.857	1500
CAY-737	8.000	7.250	4.342	1500
CAY-738	9.000	8.250	4.837	1000
CAY-739	10.000	9.250	5.332	1000
CAY-740	11.000	10.250	5.827	750

TO DETERMINE "L" DIMENSION USE THE FOLLOWING FORMULA:
"L" = .750" + (.1875 x NO OF RINGS)

* CONSULT FACTORY FOR EXACT SLIP RING TERMINATION ON ASSEMBLIES WITH MORE THAN 30 RINGS

ORDERING INFORMATION:

CAY- [ ] [ ]

No. Of Rings
Model