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Site réalisé par: SIGMAPHI  S.A.
OCTUPOLE MAGNETS BNL BIRC LINE

Customer: BROHKAVEN Nat.Lab.
Plant: UPTON - USA
Delivery date: 1996
Maximum field grad.: 1450 T/M³
Type of winding: Conical layers
Nominal current: 170 A
Conductor: Hollow copper 5x5x hole Ø 3 mm
Type of cooling: Forced water cooling
Coil weight: 8x10 Kg
Steel weight: 300 Kg

SECOND STAG MASS ANALYZING MAGNET ORNL. RADIOACTIVE PROJECT

Customer: MARTIN MARIETTA Energy systems
Plant: Oak Ridge USA
Delivery date: 1995
Maximum field: 0.54T
Power dissipation: 20KW
Type of winding: Doubles Pancakes
Nominal current: 330 A
Conductor: Hollow copper square 10 mm hole Ø 6 mm
Type of cooling: Forced water cooling
Coil weight: 400 Kg
Steel weight: 7200 Kg
<table>
<thead>
<tr>
<th>Customer</th>
<th>GENERAL ATOMICS-SAN DIEGO</th>
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<th>GENERAL ATOMICS-SAN DIEGO</th>
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<td>500 Kg coated laminations 1 mm thick</td>
<td>Coil weight</td>
<td>4000 Kg coated laminations 1 mm thick</td>
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<td>Quantity produced</td>
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NIRS LAMINATED QUADRUPOLE MAGNET

Customer: MELCO KOBE JAPAN  
Plant: NLHEP  
Delivery date: 1997  
Bore radius: 75 mm  
Maximum field: 8 T/m  
Power dissipation: 17 KW  
Maximal current: 625 A  
Conductor: Hollow Copper 16x16xØ9 mm  
Type of cooling: Forced water cooling  
Coil weight: 6200 Kg coated laminations 1 mm thick  
Quantity produced: 10

NLHEP MASSIVE SEXTUPOLE MAGNET

Customer: MELCO KOBE JAPAN  
Plant: NLHEP  
Delivery date: 1997  
Bore radius: 26 mm  
Maximum field: 255 T/m  
Power dissipation: 75 W  
Maximal current: 23 A  
Conductor: Enamelled copper  
Type of cooling: Air free  
Coil weight: 105 Kg  
Quantity produced: 8
N°112 SEXTUPOLE LAMINATED MAGNETS BERLIN Electroenspeicherring

Customer: BESSY II
Plant: BERLIN GERMANY
Delivery date: 1996
Stored energy: 1.6 GeV
Type of winding: Layers
Nominal current: 250 A
Conductor: Hollow copper 7.5x7.5xØ4.5 mm
Type of cooling: Forced water cooling
Coil weight: 6x30 Kg
Steel weight: 800 Kg Coated laminations 1 mm thick

N°46 CORRECTOR H/V LAMINATED MAGNETS STORAGE RING DAØNE

Customer: INFN
Plant: Lab. Nazionali di Frascati - ITALIA
Delivery date: 1996
Maximum field in the center: 176 G
Type of winding: 364 Turn winding
Power dissipation: 70.5 W
Nominal current: 7.3 A
Conductor: Copper wire Ø2.6
Type of cooling: Air free
Coil weight: 4x30 Kg
Steel weight: 50 Kg Coated laminations 1 mm thick