

SPECIFICATIONS

General Information

Rotor R.P.M.	600
Motor H.P. and R.P.M.	2500 HP, 600 RPM (By PCC)
Feed Material	Blended Coal Mixture (80% PRB & 20% Cumberland Mine)
Feed Size	3" X 0"
Product Size	98% Minus 4 Mesh
Capacity	500 STPH
Height of Feed Drop (Above inlet flange)	110"
Total Machine Weight	141,000 Lbs.
Cage Assembly Weight	10,700 Lbs.
Rotor Assembly Weight	33,450 Lbs.
Number of Hammer Rows	Eight (8)
Hammer Weight (Each)	50 Lbs. (Hardfaced)
Quantity/Set	100
End Hammer Weight (Each)	42 Lbs. (Hardfaced)
Quantity/Set	16
Type Lubrication	Grease (SHC 220)
Type Drive	Coupling

Screen Bars Per Cage	<u>Size of Opening</u>	<u>Quantity</u>
Scrubber Bars	1/4"	14
Top Bar	3/8"	1
Intermediate Bars	3/4"	19
Bottom Bar	1-5/16"	1
Scrubber Fill Bar (Z Block)	N/A	1
Bearing P/N (Manufacturer Number)	167037 (SKF 23248 CAK/C3/W33)	
Unmounted Radial Internal Clearance	.0106" to .0138"	
Bearing Clearance Reduction (During Mounting)	.0045" to .0060"	
Final Bearing Clearance (After Mounting)	.0061" to .0078"	

< NOTE >

Do not use the maximum reduction of radial internal clearance when the initial unmounted radial internal clearance is in the lower half of the tolerance range or where large temperature differentials between the bearing rings can occur in operation.

