GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASME SB-150 C63200

Standard Specification for Alumium Bronze Rod, Bar and Shapes

Group - Non-Ferrous Copper Alloy

Sub Group - ASME SB-150 Alumium Bronze Rod, Bar and Shapes

Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry - Rod, Bar and Shape

Chemical Composition		
Aluminium	Al %	8.700 - 9.500
Iron	Fe %	3.500 - 4.300
Manganese	Mn %	1.200 - 2.000
Ni + Co	Ni% + Co%	4.000 - 4.800
Lead	Pb %	0.020 max.
Silicon	Si %	0.100 max.
Cu + Ag	Cu% + Ag%	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As Drawn or Hardening and Tempering

Mechanical Properties	
Tensile Strength in Mpa	620 min.
Yield Strength in Mpa	275 - 345
Elongation in %	15 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
C63200	UNS	USA	Rod, Bar, Tube and Shapes
B124 C63200	ASTM	USA	Rod, Bar and Shape
B150 C63200	ASTM	USA	Rod, Bar and Shape
B283 C63200	ASTM	USA	Forging
SB-171 C63200	ASME	USA	Plate and Sheet
SB-283 C63200	ASME	USA	Forging
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Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com