Material - IS 3444 Grade 23

Standard Specification for Castings, Iron-Chromium, Iron-Choromium-Nickel Corrosion Resistant, for General Application

Group - Non-Ferrous Nickel Alloys

Sub Group - IS 3444 Grade 23 Castings, Iron-Chromium, Iron-Choromium-Nickel Corrosion Resistant, for General Application

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

Grade Belongs to the Industry - Casting

Chemical Composition		
Carbon	C %	0.120 max.
Silicon	Si %	1.000 max.
Manganese	Mn %	1.000 max.
Phosphorus	P %	0.040 max.
Sulphur	S %	0.030 max.
Chromium	Cr %	1.000 max.
Copper	Cu %	26.000 - 33.000
Vanadium	V %	0.600 max.
Cobalt	Co %	2.500 max.
Iron	Fe %	6.000 max.
Nickel	Ni %	Balance
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment

As-Cast or Annealing or Age Hardning

Mechanical Properties	
Tensile Strength in Mpa	500 min.
Yield Strength in Mpa	320 min.
Elongation in %	6 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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