

Material: ASTM A608 Grade HK 30

Standard Specification for Centrifugally Cast Iron-Chromium-Nickel High-Alloy

Group: Ferrous Stainless Steel Alloys

Sub Group: ASTM A 608/A 608M Centrifugally Cast Iron-Chromium-Nickel High-Alloy

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

Grade Belongs to the Industry: Centrifugal Cast

Chemical Composition			Heat Treatment	
Carbon	C %	0.250 -0.350	Solution Annealing	
Silicon	Si %	0.500 - 2.000		
Manganese	Mn %	1.500 max.		
Phosphorus	P %	0.040 max.		
Sulphur	S %	0.040 max.		
Chromium	Cr %	23.000 - 27.000		
Nickel	Ni %	19.000 - 22.000		
Molybdenum	Mo %	0.050 max.		
Iron	Fe %	Balance	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	25 min.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	9 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
A351 HK30	ASTM	USA	Casting
SA 351 HK30	ASME	USA	Casting
310 C40	BS	British	Casting
F.8452	UNE	Spain	Casting
G X 40 CrNi 26-20	UNI	Italy	Casting
422952	CSN	Czech Republic	Casting
393 G-X 40 CrNi 25 20	SFS	Finland	Casting

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