

Material: PN H 5 M

Standard Specification for Steel Castings for Pressure Purposes

Group: Ferrous Mild Steel Alloys

Sub Group: PN H 5 M Steel Castings for Pressure Purposes

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

Grade Belongs to the Industry: Steel

Chemical Composition			Heat Treatment	
Carbon	C %	0.150 max.	Normalizing or Annealing or Hardening + Tempering	
Silicon	Si %	0.500 max.		
Manganese	Mn %	0.500 max.		
Phosphorus	P %	0.035 max.		
Sulphur	S %	0.030 max.		
Chromium	Cr %	4.500 - 6.000		
Molybdenum	Mo %	0.450 - 0.600		
Nickel	Ni %	0.500 max.		
Iron	Fe %	Balance	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	-
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
1.7365	DIN	Germany	Casting
1.7365	EN	European Union	Casting
17102	CSN	Czech Republic	Steel
GX15CrMo5	DIN	Germany	Casting
GX15CrMo5	DIN	Germany	Casting
GX15CrMo5	EN	European Union	Casting
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