

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		
Carbon	C %	0.150 max.
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
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Normalizing or Annealing or Hardening + Tempering

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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