



原材料检验报告 Inspection report of raw material

ZWA(体)-223

型号Type	Ø20.00mm-TRB1239/256.04				钢种Material	GCr15				报告日期: Report date	2019.05.16				报告编号: 190509-05-1.3 Report No.						
炉号 Heat No.	E21902432XX				来源 Steel factory	江阴兴澄特种钢铁有限公司 JIANGYIN XINGCHENG SPECIAL STEEL WORKS Co.,Ltd				执行标准: Standard	GB/T 18254-2016										
低倍组织Macrostructure				非金属夹杂物Non-metallic inclusions								碳化物Carbides		显微孔隙	脱碳层(mm)	退火组织	硬度(HBW)	碳化物尺寸	外观质量	判定结论	
中心疏松 Center Porosity	一般疏松 Random Porosity	方形偏析 Segregation	裂纹 Crack	A		B		C		D		带状 Banding	网状 Net work	液析 Eliquation	Microcavity	Decarburization layer depth	Microstructure	Carbide Size	Appearance Quality	Conclusion	
0.5	0	0	No	0	0	0	0	0.5	0	0	0.5	0.5	2	2	0	No	0.15	3			
																				OK	OK
GCr15		化学成分(%) Chemical composition(%)													判定结论						
	C	Si	Mn	P	S	Cr	Mo	Ni	Al	Cu	Ti	Pb	Sn								
标准值 Normal	0.93-1.05	0.15-0.35	0.25-0.45	≤0.025	≤0.020	1.40-1.65	≤0.10	≤0.25	≤0.05	≤0.25	≤0.005	≤0.005	≤0.03								
实测值 Actual	0.96	0.22	0.33	0.023	0.002	1.51	0.01	0.04	0.006	0.051	0.001	0.002	0.004								
	Ca	As	Sb																		
标准值 Normal	≤0.001	≤0.04	≤0.005																		
实测值 Actual	0.0001	0.02	<0.003																		

检验结论: Ø20.00mm料圆符合GB/T18254-2016标准要求。
 Conclusion: The results for material- Ø20.00mm inspection are fulfilled the requirements of GB/T18254-2016.

检验员Inspector: 张德鹏 审核Checked by: 王春雨 批准Approved by: 杨兴年

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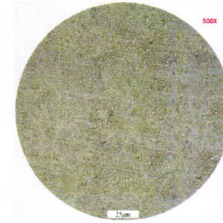
检验报告

Inspection report for final heat treatment

大连光扬轴承制造有限公司

ZWA(体)-228

委托部门 Authorized Dept: 生产 Production	报告编号 Report No.: 190509-05-4
送检品名 Part name: TRB1239/256/04	送检日期 Submit Date: 2019.06.27
送检目的 Test purpose: 常规 Normal inspect	检验日期 Test date: 2019.06.28
材 质 Material: GCr15 钢	试样编号 Sample no. : 190509-05
<p>一、来样情况 Sample state: 送检滚动体一粒。One roller.</p> <p>二、金相检验 Metallographic Examination: 热处理组织检验结果如下 Result as follows: 马氏体组织 2.0 级 (实物见右图)Martensite Grade 2.0 屈氏体 1 级。Troostite Grade 1 网状碳化物 2.0 级.Carbide network Grade 2.0</p> <p>三、硬度检验 Hardness: 距曲表面 3-5mm 处硬度为 hardness of distance from surface 3-5mm: 61.0HRC 心部硬度 hardness at core: 61.0HRC</p> <p>四、脱碳层检验 Decarburization layer: 滚动体脱碳层检验结果如下: 脱碳层 0.03mm。</p> <p>五、结论 Conclusion: a) 该滚动体热处理质量符合 JB/T1255-2014 标准要求。 Final heat treatment quality for the roller conforms to the requirement of standard JB/T1255-2014.</p>	
<p>拟制 Inspector: 张德鹏 审核 Checked by: 王春雨 批准 Approved by: 杨兴年</p>	



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