



**SINCE 2002**

# **NIKO QUALITY MANAGEMENT POLICY STANDARDIZATION SYSTEM**



**[GRAY-IRON HOUSINGS] PRODUCTION  
PROCESS-QUALITY STANDARD**

**[INSERT BALL BEARINGS] PRODUCTION  
PROCESS-QUALITY STANDARD**

**12 STEPS TO CHECK QC INSPECTION  
-QUALITY LEVEL**

**ASSEMBLY**

[GRAY-IRON HOUSINGS] PRODUCTION  
PROCESS-QUALITY STANDARD

[INSERT BALL BEARINGS] PRODUCTION  
PROCESS-QUALITY STANDARD

12 STEPS TO CHECK QC INSPECTION  
-QUALITY LEVEL

ASSEMBLY





## NIKO Quality Management Policy Standardization System

[First edition A-190601]

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Executing & General QC consulting by: HYC plant

Computer Software & website information consulting by: Mr. Stanley Zuo

### The Material for Cast Iron Housing

The mechanical properties of cast iron housing

Items	Country	Cast iron material		
1	China	HT250	HT200	HT150
2	Japan	FC250	FC200	FC150
3	America	NO.35	NO.30	NO.20
4	Germany	GG25	GG20	GG15
5	Belgium	FGG25	FGG20	FGG15
6	ISO Standard	250	200	150

### The Material for Insert Bearing

Standard	Material	
Japanese industrial standard (JIS)	JIS	SUJ 2
International Organization for Standardization (ISO)	ISO	100Cr6
Deutsches Institut fur Normung(ISO)	DIN	100Cr6
China	China	Gr15



# CATEGORIES

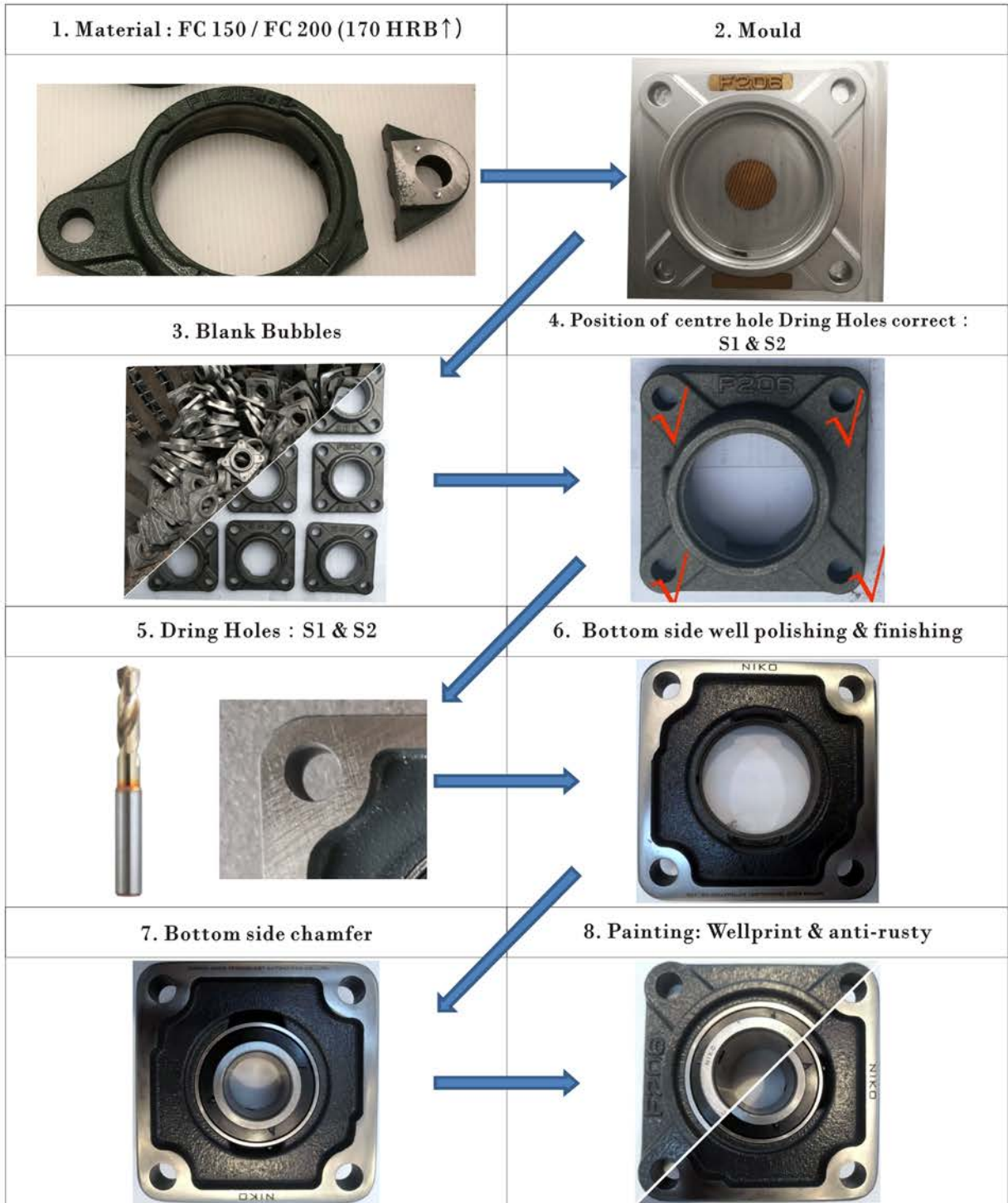
I. [GRAY-IRON HOUSINGS] PRODUCTION PROCESS-QUALITY STANDARD ▲	.....	P3 - P4
II. [INSERT BALL BEARINGS] PRODUCTION PROCESS-QUALITY STANDARD ▲	.....	P5 - P6
III. 12 STEPS TO CHECK QC INSPECTION -QUALITY LEVEL ▲	.....	P7 - P8
IV. ASSEMBLY ▲	.....	P9 - P10





**[GRAY-IRON HOUSINGS] PRODUCTION  
PROCESS-QUALITY STANDARD**

## Housings



NIKO Quality Management Policy Standardization System










**[INSERT BALL BEARINGS] PRODUCTION  
PROCESS-QUALITY STANDARD**

Insert Ball Bearings

[INSERT BALL BEARINGS] PRODUCTION  
 PROCESS-QUALITY STANDARD

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<p>9. Material: SUJ2</p>	<p>10. The set-screw hole must made heat-treatment and dimension correct</p>
	
<p>11. Grease standard:(-20℃ ~ +120℃)</p>	<p>12. Marking.</p>
	
<p>13. The set-screws could be serewd in and out smoothly , and must go beyond the inner diameter surface of inner rings</p> 	



# **12 STEPS TO CHECK QC INSPECTION -QUALITY LEVEL**

A. 型号 [Model]:		H. 合格数量 [P/O Qty.]	
B. 报告编号 [Report No.]		I. 100% 外检 QC 数量 [100% Appearance QC Qty.]	
C. 工厂编号 [Factory Sorting No.]		J. 抽检 QC 数量 [Random QC Qty.]	
D. 入厂日期 [Day of Entry Workshop]		K. 合格品数量 [Number of the Qualified]	
E. QC 入厂数量 [Qty. of Entrance]		L. 不合格品数量 [Number of the Unqualified]	
F. 抽检日期 [Random QC Date]		M. 不合格率 % [Reject Ratio %]	
G. 100% 外检日期 [100% Appearance QC Date]		N. 合格品留样 [Gold Sample of the Qualified]	

检号 [Check No.]	检验项目 [Inspection items]	不合格数量(套) [Un-passed Qty. (In pcs)]
1	Rusty (生锈)	
2	Bad smell (异味/臭味)	
3	Cleaning (脱物及杂物)	
4	Black speckles (黑斑)	
5	Stamping (产品打穿)	
6	Painting color Pantone (圆子油嘴颜色)	
7	Painting without break off (圆子油嘴漆无脱落)	
8	Bottom side whether or not clean (底部是否干净有清洗)	
9	The grease nipple could be screwed (圆子油嘴螺帽能否正常旋入)	
10	Color of grease nipple hat white (圆子油嘴帽颜色: 白色)	
11	Color of grease nipple white (圆子油嘴颜色: 白色)	
12	The grease nipple must be through-holes and there must not be the fillings inside the nipple (油嘴螺帽必须: 用针检测油嘴螺帽是否为通孔, 孔内不能有残留任何异物。)	

检号 [Check No.]	其它检验项目 [Extra Inspection items]	不合格数量(套) [Un-passed Qty. (In pcs)]

检验员 [Surveyor]: 吕振波  
审核 [Auditing]: 黄展礼 沈星



# IV

## ASSEMBLY

Assembly 1



Assembly 2



Assembly 3



Well Assembly





**NIKO QUALITY MANAGEMENT  
POLICY STANDARDIZATION SYSTEM**

[WWW.NIPPONKODOBEARINGS.CO.JP](http://WWW.NIPPONKODOBEARINGS.CO.JP)