



ETK Bearing Quality Control Center

Test Report

Art No.:	ETK20006015	Steel Ball Grade:	G10	Total Page: 1	
Samples Name:	Bearing Steel Ball		Size	φ9.525mm (3/8")	
Appoint Company	ETK BEARING CO.		Qty:	1 pc	
Standard	G/BT 308-2002		Samples No.:	PDT	
Samples Siutation		Test Date	2022/6/10	Sending Samples date	2022/6/5

Test Results

Item	Test List	Technical Requirements	Testing results	Single Determine	
1	Dimension	9.525mm	9.525mm	Approval	
2	Gauge	+4um	+4um	Approval	
3	Spherical Error	$\Delta Sph \leq 0.25um$	0.077um	Approval	
4	VDWS	$VDws \leq 0.25um$	0.08um	Approval	
5	Ball Diameter Variable	$VdwL \leq 0.50um$	0.15um	Approval	
6	Roughness	$Ra \leq 0.02um$	0.007um	Approval	
7	Hardness	61~66HRC	62.5	Approval	
8	Metallurgical structure	2-4 Grade	2	Approval	
9	Appearance Quality	No rust, scratches, spots, crack			
10	Surface Quality	Check the pic			
Note	Only available for the sample		Test Results	Approval	
Check	Sun Xiao Min	Check		Approval	Wang Jing Wei





ETK Bearing Quality Control Center

Report No.: 20200228001

Total Page: 1

Item:	Steel Cage	Item	UC208	No.:	DT150927001	Supplier Name	Liaocheng JinDi Steel Cage Co.
Qty:	10 pcs	Sample Situation: Ok		Sample Date	2022.6.8		

Steel Cage Testing Report

Item:	Testing Test List	Standard	Testing Data									
			1	2	3	4	5	6	7	8	9	10
1	OD	66.7±0.25	66.60	66.65	66.70	66.70	66.68	66.63	66.60	66.60	66.65	66.70
2	Center diameter (Pocket)	61±0.07	60.05	60.05	60.04	60.04	60.05	60.05	60.04	60.05	60.05	60.04
3	ID	55.3±0.25	61	61	61.01	61.01	61.02	61	61	61	60.02	60.02
4	Aperture	1.68	1.68	1.68	1.68	1.68	1.675	1.68	1.68	1.68	1.68	1.675
5	K Data	6.41+0.06	4.83	4.82	4.82	4.82	4.83	4.83	4.82	4.83	4.82	4.83
6	Radial momentum	0.45-0.55	45	47	45	46	47	53	54	51	50	51
7	Plate thickness	1.0-0.09	0.96	0.96	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.96
8	Rivet riveting height	4.1±0.03	4.15	4.16	4.17	4.13	4.13	4.12	4.15	4.16	4.16	4.15
9	Parallelism of flat part	≤0.04	0.03	0.03	0.03	0.02	0.03	0.02	0.02	0.03	0.03	0.03
10	Rivet shedding (Kg)	≥9	9.1	9.4	10	10.5	11	11	10.3	9.7	9.9	10
11	warping	≤0.04	0.03	0.02	0.03	0.03	0.01	0.02	0.02	0.03	0.03	0.02

Note:	This report is responsible for the samples only.	Determine	OK
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Inspector:	Sun HuiMin	Auditor:	Chen NanXiong	Date:	2022.6.8	Stamp:	
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