

FEC CHAIN CORPORATION

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TEST CERTIFICATE

Distributor:	code #: 1080	distributor's name: ASAO & CO., LTD
Customer:		customer's name: LK HOIST CO.,LTD
Article name: (Application)	Load chain for electric chain hoist	
Spec. standard	<input type="checkbox"/> DIN EN 818-7:2002 , <input type="checkbox"/> JIS B 8812:1999 <input type="checkbox"/> ISO 3077 , <input checked="" type="checkbox"/> FEC	
Material spec.:	SAE15B24(Mn-B steel)	
Finish:	<input checked="" type="checkbox"/> temper-colored, <input type="checkbox"/> zinc-plated, <input type="checkbox"/> coated() <input type="checkbox"/> zinc-phosphated, <input type="checkbox"/> manganese-phosphated <input checked="" type="checkbox"/> oiled, <input type="checkbox"/> no-oiled	
Stamping:	<input type="checkbox"/> FEC standard, <input checked="" type="checkbox"/> customer's request → LK, JAPAN , FEC#	
Product code#:	FCD06319	
description:	φ 6.3*P19	
quality type	G80/ type-DAT	

Dimention:			Result
Nominal diameter(dn)	[mm]	6.3 +0.3/-0.3	6.2~6.3
Internal width, min.:	[mm]	8.0	8.2~8.3
external width, max.:	[mm]	21.2	20.8~20.9
Nominal pitch 1 t	[mm]	19.0 +0.26/-0.1	19.0~19.2
5 t	[mm]	-	-
11 t	[mm]	209.0 +0.7/-0.3	209.4~209.6
Diameter at the weld(ds), max.:	[mm]	7.2	6.7~6.8
Mechanical properties:			
Working load limit(WLL), max.:	[kg]	1000	-
(drive mechanism g		-	-
Manufacturing proof force(MPF), min.:	[KN]	31.5	31.5
Stress at min. MPF		-	-
Guranteed breaking force(BF), min.:	[KN]	50	56~66
Stress at min. BF		-	-
Total ultimate elongation(A), min.:	[%]	10	14~17
Surface hardness/HV3, min.:	[-]	500	566~607
/HV5, min.:	[-]	-	-
Hardness /HRC, min.:	[-]	-	-
Case depth, min.:	[mm]	0.13	0.23~0.24
Bend deflection(f), min.:	[mm]	no visible defect	OK
Fatigue resistance, min.:	[cycle]	2*10 ⁶	OK

Packing:			
Weight per meter:	[kg/m]	0.864	
Length 1	[meter]	200m-15/pcs	
2	[meter]	-	
Packing	-	Cardboard Box	

I hereby certify above all is true.

Keizo Nakaaki

Keizo Nakaaki
Quality Assurance Dept.,
Chief Inspector

issued date: October 14,2008

[Note]