

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	☐ DIN EN 818-7:2002 , ☐ JIS B 8812:1999 ☐ ISO 3077 , ☒ FEC		
Material spec.:	SAE15B24(Mn-B steel)		
Finish:	☒ temper-colored, ☐ zinc-plated, ☐ coated() ☐ zinc-phosphated, ☐ manganese-phosphated ☒ oiled, ☐ no-oiled		
Stamping:	☐ FEC standard, ☒ customer's request LKA, JAPAN ,FEC7 → (Lot, 1A,1C,1F,61,6U,6X,6Y,7A,7C,7F)		
Product code#:	FCD11234		
description:	φ 11.2*P34		
quality type	G80/ type-DAT		

			Result
Dimention:			
Nominal diameter(dn)	[mm]	11.2 +0.3/-0.3	11.1~11.2
Internal width,min.:	[mm]	14.7	14.7~15.0
external width, max.:	[mm]	37.5	36.8~37.3
Nominal pitch 1 t	[mm]	34.0 +0.4/-0.2	34.0~34.3
5 t	[mm]	-	-
11 t	[mm]	374.0 +1.3/-0.4	374.4~375.3
Diameter at the weld(ds), max.:	[mm]	12.0	11.6~11.9
Mechanical properties:			
Working load limit(WLL), max.:	[kg]	3000	-
(drive mechanism g		-	-
Manufacturing proof force(MPF), min.:	[KN]	98	98
Stress at min. MPF		-	-
Guranteed breaking force(BF), min.:	[KN]	160	189.0~205.0
Stress at min. BF		-	-
Total ultimate elongation(A), min.:	[%]	10	12~16
Surface hardness/HV3, min.:	[-]	500	535~585
/HV5, min.:	[-]	-	-
Hardness /HRC, min.:	[-]	-	-
Case depth,min.:	[mm]	0.22	0.24~0.32
Bend deflection(f),min.:	[mm]	no visible defect	OK
Fatigue resistance, min.:	[cycle]	2*10 ⁶	OK
Packing:			
Weight per meter:	[kg/m]	2.65	
Length 1	[meter]	200m-20/pcs	
2	[meter]		
Packing	-	Steel barrel	

I hereby certify above all is true.

M. Miwa
MASAKI MIWA
Quality Assurance Dept.,
Chief Inspector

issued date: July 27,2017

[Note]