

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, ☐ o-oiled		
Stamping:	☐ FEC standard, ☒ customer's request LKA, JAPAN ,FEC6,FEC7 → (Lot: 11,1C,1F,2H,7N,7P)		
Product code#:	FCD09528		
description:	φ 9,5*P28,6		
quality type	G80/ type-DAT		
Dimention:			Result
Nominal diameter(dn)	[mm]	9.5 +0.1/-0.5	9.5~9.6
Internal width,min.:	[mm]	11.6	11.6~11.9
external width, max.:	[mm]	30.7	30.3~30.6
Nominal pitch 1 t	[mm]	28.6 +0.36/-0.2	28.6~28.8
5 t	[mm]	-	-
11 t	[mm]	314.6 +1.0/-0.5	314.4~315.1
Diameter at the weld(ds), max.:	[mm]	10.5	9.8~10.3
Mechanical properties:			
Working load limit(WLL), max.:	[kg]	2200	-
(drive mechanism g		-	-
Manufacturing proof force(MPF), min.:	[KN]	70	70
Stress at min. MPF		-	-
Guranteed breaking force(BF), min.:	[KN]	120	140.5~149.5
Stress at min. BF		-	-
Total ultimate elongation(A), min.:	[%]	10	13~16
Surface hardness/HV3, min.:	[-]	500	532~574
/HV5, min.:	[-]	-	-
Hardness /HRC, min.:	[-]	-	-
Case depth,min.:	[mm]	0.19	0.21~0.24
Bend deflection(f),min.:	[mm]	no visible defect	OK
Fatigue resistance, min.:	[cycle]	2*10 ⁶	OK
Packing:			
Weight per meter:	[kg/m]	1.96	
Length 1	[meter]	100m-/30pcs	
2	[meter]		
Packing	-	Steel barrel	
I hereby certify above all is true.			
 MASAKI MIWA Quality Assurance Dept., Chief Inspector			
issued date: February 14,2017			
[Note]			