FEC CHAIN CORPORATION
337 KANAORI-CHO ,MINAMI-KU, HAMAMATSU CITY,
SHIZUOKA PREF.,435-0026 JAPAN
TEL:+81−53−425−4116 , 2162 FAX:+81−53−425−5122

TEST CERTIFICATE

Distributor: Customer:	code #: 1080	distributor's name: ASAO & CO., LTD 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 ,FEC6,FEC7 → (Lot: 11,1C,1F,2H,7N,7P)			
Product code#: description: quality type	FCD09528 φ 9,5*P28,6 G80/ type-DAT			
				Result
Dimention:				
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.

M. Miwa

MASAKI MIWA
Quality Assurance Dept.,
Chief Inspector

issued date: February 14,2017

[Note]