

Chain Wheel/Chain ▶ 100 Series (20A)



Please order according to the diagram

①~③ Select the type and parameters in the order of for ordering

Chain Wheel

Model(①Code)

ECJBA-100

② Number Teeth

10

③ D_{H7}

D25

Chain

Model(④Code)

EDJGA-100

⑤ Number sections

50



Discounted Price
Quantity 1~9 10~
Price 100% Separate Quotation
Price Excluding Tax (Yen)



CAD 3D

Chain Wheel

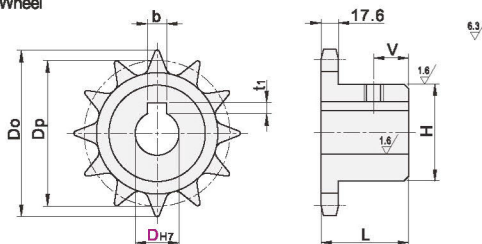
Code	Type	Material		Heat Treatment	Surface Treatment
		National Standard	Equivalent		
ECJBA	100 Series	45	S45C	High-frequency tooth tip	Black Oxide Finish

Chain

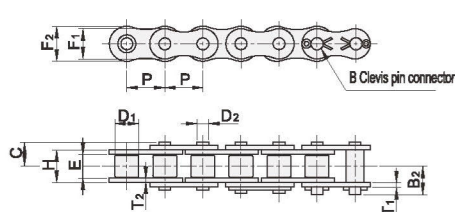
Code	Type	Pitch(P)	Material
EDJGA	100 Series	Standard type	Steel
EDJJA		Heavy Duty	

① Please do not use Series 100 sprocket chains with Series 20B sprocket chains!

Chain Wheel

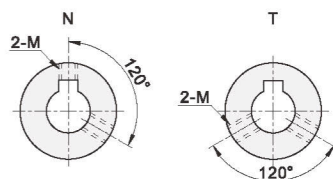


Chain



- ① When the number of chain links is even, the product will be supplied with one full-buckle connector.
- ② When the number of chain links is odd, the product will be supplied with one full-buckle connector and one half-buckle connector.
- ③ Additional connectors can be ordered separately.

Installation Method
(keyways+Threaded Hole)



- ① Offset between tooth tip and keyway center is +0.5.
- ② Due to manufacturing tolerances, it is not possible to ensure that the tooth tips and keyways of multiple products will align perfectly.

Keyway/Threaded Hole Size

D	Keyway b×t ₁	M
25~30	8×3.3	8
32~38	10×3.3	8
40~42	12×3.3	8
45~50	14×3.8	10
55	16×4.3	12
60	18×4.4	12

Chain Wheel

Model		Shaft Hole Diameter										Outer Diameter	Diameter of Reference Circle		Hub		V
Code	Number Teeth	D _{H7}										D _o	D _p		H	L	
ECJBA-100	10	25	28	30	32	35	38	40	42			117	102.75	65	50	16	
	11	25	28	30	32	35	38	40	42	45	(48) (50)	127	112.7	75			
	12	25	28	30	32	35	38	40	42	45	48 50 55	138	122.67	86			
	13	25	28	30	32	35	38	40	42	45	48 50 55	148	132.67	94			
	14	25	28	30	32	35	38	40	42	45	48 50 55 60	158	142.68				
	15	32 35 38 40 42 45					48 50 55 60	168	152.71	98							
	16	38 45					50 55 60	179	162.74								
	17	38 45					50 60	189	172.79								
	18	38 45					50 60	199	182.84								
	19	38 45					50 60	209	192.9	107							
	20	38 45					50 60	220	202.96								
21	45 50 60					230	213.03										

① The installation method for specifications corresponding to the ()D dimension is T, and the remaining specifications are N.

Chain

Model		Connector Type	Inner Height of Inner Link		Roller Outer Diameter		Pin			Link				
Code	Number sections		E	D ₁	C	B ₁	B ₂	D ₂	T ₁	T ₂	H	F ₁	F ₂	
Standard type	EDJGA-100	4~	19.05	19.05	19.95	—	22.95	9.54	3.99	3.99	27.45	26.04	30.16	
Heavy Duty	EDJJA-100				21.35	25.35	9.54	4.80	4.80	29.10				