

Chain Wheel/Chain ▶ 80 Series (16A)



Please order according to the diagram

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

Chain Wheel

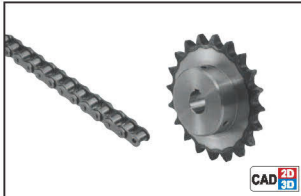
Model(①Code) — Number Teeth — ③DH7
ECHDA-80 9 **D25**

Chain

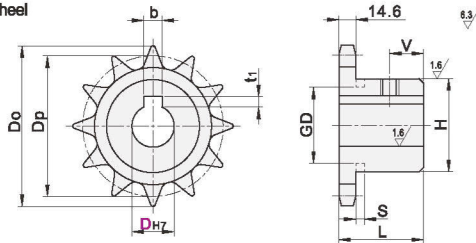
Model(①Code) — Number sections — Connector Type
EDHGA-80 100 **b**



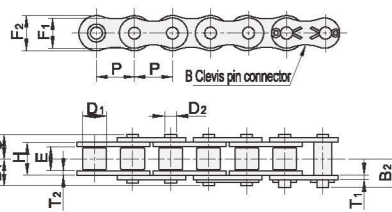
Discounted Price
Quantity 1~9 10~
Price 100% Separate Quotation
Price Excluding Tax (¥/unit)



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.

Chain Wheel

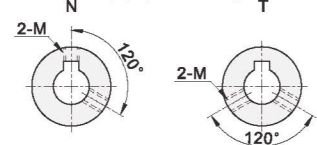
Code	Type	Material		Heat Treatment	Surface Treatment
		National Standard	Equivalent		
ECHDA	80 Series	45	S45C	High-frequency tooth tip	Black Oxide Finish
ECHDB		0Cr18Ni9	SUS304	—	—

Chain

Code	Type	Pitch(P)	Material
EDHGA	80 Series	25.4	Steel
EDHGB			Stainless Steel
EDHJD			Steel

① Please do not use Series 80 sprocket chains with Series 16B sprocket chains!

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
24~30	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 sprocket hubs with an asterisk (*) in the H value have slots.

Number Teeth	S	GD
9	10.4	44

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			
ECHDA-80	9	25	28	30	32	35						85	74.27	58*			7		
	10	25	28	30	32							93	82.19	52					
	11	25	28	30	32	35	38					102	90.16	60					
	12	25	28	30	32	35	38	40	42	(45)		110	98.14	67					
	13	25	28	30	32	35	38	40	42	45	48	50	118	106.14	77				
	14	25	28	30	32	35	38	40	42	45	48	50	127	114.15					
	15	25	28	30	32	35	38	40	42	45	48	50	55	60	135	122.17	40	12	
	16	25	28	30	32	35	38	40	42	45	48	50	55	60	143	130.2			
	17	25	28	30	32	35	38	40	42	45	48	50	55	60	151	138.23			
	18	25	28	30	32	35	38	40	42	45	48	50	55	60	159	146.27	93		
	19	25	28	30	32	35	38	40	42	45	48	50	55	60	167	154.32			
ECHDB-80	20	25	28	30	32	35	38	40	42	45	48	50	55	60	176	162.37			
	21	25	28	30	32	35	38	40	42	45	48	50	55	60	184	170.42			
	10	25	30										93	82.19	52				
	12	25	30										110	98.14	67				
	13	25	30										118	106.14	77	40	12		
	14	25	30										127	114.15					
	15	25	30										135	122.17	93				
16		30	35									143	130.2						
20		35	40									176	162.37						

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

Chain

Model	Code	Number sections	Connector Type	Inner Height of Inner Link	Roller Outer Diameter			Pin			Link			
					E	D ₁	C	B ₁	B ₂	D ₂	T ₁	T ₂	H	F ₁
Standard type	EDHGA-80	4~	B (Split Pin)	15.88	15.88	16.30	18.30	20.20	7.94	3.18	3.18	22.60	20.83	24.13
Heavy Duty	EDHJD-80				15.88	17.95	19.95	22.35	7.94	3.99	3.99	24.28		