

Features:

1. Applied with current forward-feedback control, speed observer and inertia detection functions which ,in turn, greatly improve the responsiveness performance.

2. Updated with control switch function which in turn reduce overshoot and adjustment time effectively.

Drive type	EDB-08A[]A	EDB-10A[]A	EDB-10A[]A	EDB-15A[]A
Motor type	EMJ-08APA	EMJ-10APA	EMG-10APA	EMG-15APA
Rated power(W)	750	1000	1000	1500
Power supply voltage range	180~240Vac			
Power supply	Single/Three phase			
Control methods	"P" :Position control			
	"M" :Position ,torque &speed control			
Communication interface	Modbus RS485			
Servo feedback	2500P/R encoder			
Frequency responsiveness with load	300HZ			
Rated torque(N·m)	2.39	3.18	4.78	7.16
Instantaneous peak torque(N·m)	7.16	9.55	14.3	21.5
Rated electric current(A)	4	5.3	6	9
Rated rotate speed(RPM)	3000		2000	
Max. rotate speed(RPM)	4500		3000	
Inertia Jm(× 10-4Kg·m2)	1.35	1.74	10	14.5

Drive type	EDB-20A[]A	EDB-30A[]A	EDB-50A[]A
Motor type	EMG-20APA	EMG-30APA	EMG-50APA
Rated power(W)	2000	3000	5000
Power supply voltage range	180~240Vac		
Power supply	Three phase		
Control methods	"P":Position control		
	"M" :Position ,torque &speed control		

Communication interface	Modbus RS485		
Servo feedback	2500P/R encoder		
Frequency responsiveness with load	300HZ		
Rated torque(N·m)	9.55	14.3	23.9
Instantaneous peak torque(N·m)	28.7	43	71.6
Rated electric current(A)	12	18	28
Rated rotate speed(RPM)	2000		
Max. rotate speed(RPM)	3000		
Inertia Jm(× 10-4Kg·m2)	19	41.3	65.7

Drive type	EDB-10A[A]	EDB-20A[A]	EDB-30A[A]	EDB-50A[A]
Motor type	EML-10APA	EML-20APA	EML-30APA	EML-40APA
Rated power(W)	1000	2000	3000	4000
Power supply voltage range	180~240Vac			
Power supply	Single/Three phase	Three phase		
Control methods	"P" :Position control			
	"M" :Position ,torque &speed control			
Communication interface	Modbus RS485			
Servo feedback	2500P/R encoder			
Frequency responsiveness with load	300HZ			
Rated torque(N·m)	9.55	19.1	28.7	38.2
Instantaneous peak torque(N·m)	28.7	57.3	86	114.6
Rated electric current(A)	6	12	18	24
Rated rotate speed(RPM)	1000			
Max. rotate speed(RPM)	1500			
Inertia Jm(× 10-4Kg·m2)	19	36	54	72

EDC series

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