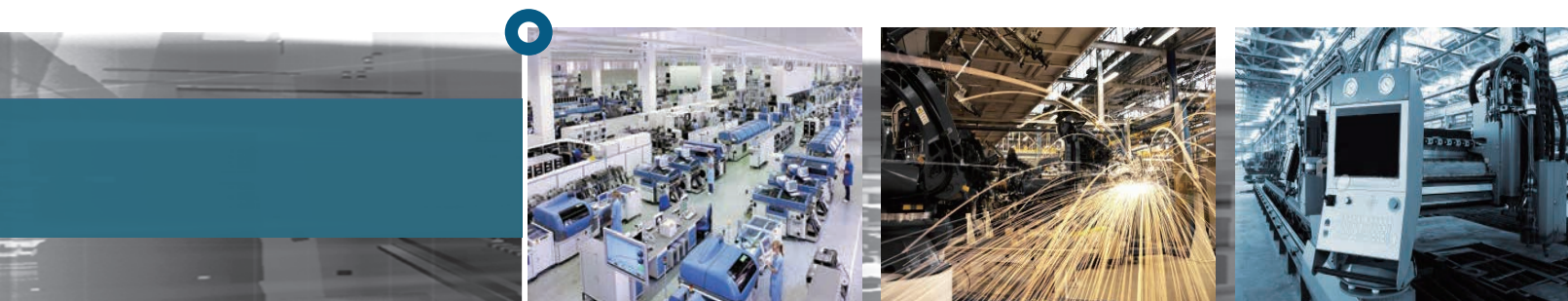


SE3 Series

High Performance Vector Control
AC Motor Drive





SE3

Electrical Specifications

220V series one-phase/three-phase

Frame		A		B		
Model SE3-021-□-xy		0.4K	0.75K	1.5K	2.2K	
Output	HD	Rated output capacity (kVA)	1	1.5	3.2	4.2
		Rated output current (A)	2.7	4.5	8	11
		Applicable motor capacity (HP)	0.5	1	2	3
		Applicable motor capacity (kW)	0.4	0.75	1.5	2.2
		Overload current rating	150% 60 seconds 200% 3seconds (inverse time characteristics)			
	Carrier frequency (kHz)	1~15KHz				
	ND	Rated output capacity (kVA)	1.2	2	3.4	4.8
		Rated output current (A)	3	5	8.5	12.5
		Applicable motor capacity (HP)	0.5	1	2	3
		Applicable motor capacity (kW)	0.4	0.75	1.5	2.2
Overload current rating		120% 60seconds (inverse time characteristics)				
Carrier frequency (kHz)	1~15KHz					
Maximum output voltage		Three-phase 200-240V				
Power supply	Rated power voltage		One-phase 200-240V 50Hz / 60Hz			
	Power voltage permissible fluctuation		One -phase 170-264V 50Hz / 60Hz			
	Power frequency permissible fluctuation		±5%			
	Power source capacity (kVA)		1.5	2.5	4.5	6.9
Cooling method		Self cooling		Forced air cooling		
Weight (kg)		1.0	1.0	1.5	1.5	

Frame		A			B		C		D		
Model SE3-023-□-xy		0.4K	0.75K	1.5K	2.2K	3.7K	5.5K	7.5K	11K	15K	
Output	HD	Rated output capacity (kVA)	1.2	2	3.2	4.2	6.7	9.5	12.5	18.3	24.7
		Rated output current (A)	3	5	8	11	17.5	25	33	49	65
		Applicable motor capacity (HP)	0.5	1	2	3	5	7.5	10	15	20
		Applicable motor capacity (kW)	0.4	0.75	1.5	2.2	3.7	5.5	7.5	11	15
		Overload current rating	150% 60 seconds 200% 3seconds (inverse time characteristics)								
	Carrier frequency (kHz)	1~15KHz									
	ND	Rated output capacity (kVA)	1.3	2.1	3.4	4.8	7.4	10.3	13.7	19.4	26.3
		Rated output current (A)	3.2	5.5	8.5	12.5	19.5	27	36	51	69
		Applicable motor capacity (HP)	0.5	1	2	3	5	7.5	10	15	20
		Applicable motor capacity (kW)	0.4	0.75	1.5	2.2	3.7	5.5	7.5	11	15
Overload current rating		120% 60seconds 150% 3seconds (inverse time characteristics)									
Carrier frequency (kHz)	1~15KHz										
Maximum output voltage		Three-phase 200-240V									
Power supply	Rated power voltage		Three-phase 200-240V 50Hz / 60Hz								
	Power voltage permissible fluctuation		Three-phase 170-264V 50Hz / 60Hz								
	Power frequency permissible fluctuation		±5%								
	Power source capacity (kVA)		1.5	2.5	4.5	6.4	10	12	17	20	28
Cooling method		Forced air cooling									
Weight (kg)		1.0	1.0	1.0	1.5	1.5	4.0	4.1	5.7	5.8	

Note: The test conditions of rated output current, rated output capacity and inverter power consumption are: the carrier frequency (P.72) is at the set value; the inverter output voltage is at 440V; the output frequency is at 60Hz, and the ambient temperature is 40°C.

Electrical Specifications

440V series three-phase

Frame		A			B		C			D			
Model SE3-043-□ - xy		0.4K	0.75K	1.5K	2.2K	3.7K	5.5K	7.5K	11K	15K	18.5K	22K	
Output	HD	Rated output capacity (kVA)	1	2	3	4.6	6.9	10	14	18	25	29	34
		Rated output current (A)	1.5	2.7	4.2	6	9	12	17	24	32	38	45
		Applicable motor capacity (HP)	0.5	1	2	3	5	7.5	10	15	20	25	30
		Applicable motor capacity (kW)	0.4	0.75	1.5	2.2	3.7	5.5	7.5	11	15	18.5	22
		Overload current rating	150% 60 seconds 200% 3seconds (inverse time characteristics)										
		Carrier frequency (kHz)	1~15KHz										
	ND	Rated output capacity (kVA)	1.4	2.3	3.5	5	8	12	15.6	21.3	27.4	31.6	37.3
		Rated output current (A)	1.8	3	4.6	6.5	10.5	15.7	20.5	28	36	41.5	49
		Applicable motor capacity (HP)	0.5	1	2	3	5	7.5	10	15	20	25	30
		Applicable motor capacity (kW)	0.4	0.75	1.5	2.2	3.7	5.5	7.5	11	15	18.5	22
		Overload current rating	120% 60seconds (inverse time characteristics)										
		Carrier frequency (kHz)	1~15KHz										
Maximum output voltage		Three-phase 380-480V											
Power supply	Rated power voltage		Three-phase 380-480V 50Hz / 60Hz										
	Power voltage permissible fluctuation		Three-phase 323-528V 50Hz / 60Hz										
	Power frequency permissible fluctuation		±5%										
	Power source capacity (kVA)		1.5	2.5	4.5	6.9	10.4	11.5	16	20	27	32	41
Cooling method		Self cooling	Forced air cooling										
Weight (kg)		1.0	1.0	1.0	1.5	1.5	3.9	4.0	4.0	5.7	5.8	5.8	

Note: The test conditions of rated output current, rated output capacity and inverter power consumption are: the carrier frequency (P.72) is at the set value; the inverter output voltage is at 440V; the output frequency is at 60Hz, and the ambient temperature is 40°C.