

● GH standard model and performance

Type BKSC—XXXXGHX	41P5	42P2	43P7	45P5	47P5	4011	4015	4018	4022	4030	4037	4045	4055	4075	4090	4110	4132	4160	4185	4220	4315	
Adaptive motor capacity kW	1.5	2.2	3.7	5.5	7.5	11	15	18.5	22	30	37	45	55	75	90	110	132	160	185	220	315	
Output	Capacitor KVA	2.5	3	5.5	8.5	11	17	21	24	30	40	50	60	72	100	125	138	194	200	280	340	460
	Current A	3	5	8	13	17	25	32	37	45	60	75	90	110	152	180	230	255	336	370	450	630
	Max: output voltage	Triphase380/400/415/440V corresponding input voltage																				
	Max: output speed	4 grade motor 32000rpm;1600HZ																				
Power resource	Rated voltage, frequency	Triphase380/400/415/440V; 50/60HZ																				
	Voltage fluctuation range	+10%,-15%																				
	Frequency fluctuation range	±5%																				
Control characteristic	Control mode	Sine wave PWM modulation, entire closed loop Vector control																				
	Torque characteristic	Basic frequency below 200% rated torque output, precision: ±5%																				
	Speed adjustable range	1:15000																				
	Speed control precision	±0.1%																				
	Frequency setting resolution	Digital quantity:0.01Hz analog: unipolar maximum output frequency/4092; bipolarity maximum output frequency/2046																				
	Site control precision	±1 pulse																				
	Acceleration	0 ~ 3 0 0 0 S																				
	Braking mode	Dynamic braking 125%,125% rated torque; internal braking unit																				
Overload capability	200% rated current 30S																					
Input and output interface	Digital quantity input	12 photo coupler isolated input; input mode: PNP and NPN are optional																				
	Digital quantity output	6 photo coupler isolated output:24V,10mA																				
	Analog quantity input	2 path:-10V ~ 10V.0 ~ 10V																				
	Analog quantity output	2 path:-10V ~ 10V																				
	Relay output	1 path: normally open/closed contact:AC250V/DC30V,1A																				
	Failure output relay	1 path: normally open/closed contact:AC250V/DC30V,1A																				
	Encoder input interface	2, Motor encoder, incremental, rotary resolver, sin-cos/absolute encoder are optional, external encoder: incremental encoder is optional																				
	Impulse input	1, directional impulse or ortho impulse																				
	Encoder output interface	1, maximum received frequency 300KHz; line drive received mode:RS422 standard																				
	Bus interface	RS485, CAN, MECHATROLINK, POWERLINK, ETHERCAT																				
Control function	Speed control	Range:0 ~ 32000rpm,direction:positive and negative; speed command: analog quantity, impulse frequency, Multistage speed control, communication																				
	position control	self-zeroing, Reciprocating positioning, Multipoint position																				
	torque control	Rolling control, swing control, torque limiting																				
	Other function	External encoder positioning, synchro-driven, hydraulic servo, PID control																				
Protection function	driver/ motor over current	independent driver, over-current test function for motor																				
	driver/ Motor overload	independent driver, over-current test function for motor																				
	Motor overheat	internal thermal protection interface of motor																				
	Low voltage/over voltage	Major circuit busbar voltage is lower than 400V, undervoltage alarm output, major circuit busbar voltage is higher than 800V, over-voltage alarm output																				
Using environment	Using field	no dust, aggressive gas and flammable gas																				
	Temperature	-10-45°C																				
	Moisture	Less than 95%RH(non-condensing)																				
	Vibration	Vibration frequency ≤ 20Hz, 9.8m/s ² ; 20Hz ≤ Vibration frequency ≤ 50Hz, 2m/s ² ;																				