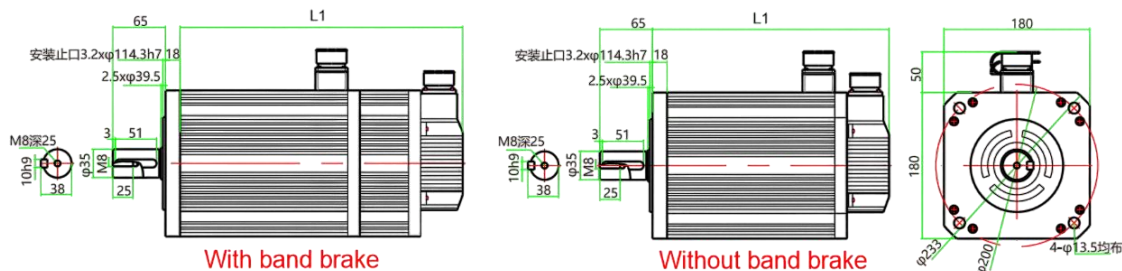


180 HS- M 04030 Z H

① ② ③ ④ ⑤ ⑥

①	Motor frame size	60,80,110,130,180
②	Motor poles	4 poles
③	Feedback device	M:full line 2500 line incremental encoder A:Tamagawa 17bit multi-turn absolute value 2A:Tamagawa 23bit multi-turn absolute value
④	Performance parameter	04=rated torque 4N.m; 30=rated speed 3000rpm
⑤	Brake	Z:with band brake; without Z:default normal(without band brake)
⑥	Rated voltage	H:rated voltage 380v; Without H:default rated voltage 220v

Without band brake	180HS-M19015	180HS-M21520	180HS-M27015	180HS-M35015	
With band brake	180HS-M19015Z	180HS-M21520Z	180HS-M27015Z	180HS-M35015Z	
Rated power(KW)	3	4.5	4.3	5.5	
Rated voltage (VAC)	220	380	380	380	
Rated current(A)	12 7.5	16 9.5	16 10	24 12	
Rated speed(R/min)	1500	2000	1500	1500	
Rated torque(N.m)	19	21.5	27	35	
Peak torque(N.m)	47	53	67	70	
Servo Driver	Standard	HG200-50A	HG200-50A		
	High efficient	M2-50A	M2-50A	SDB75A SDB75A	
Polar number	4				
Encoder line(PPR)	2500PPR /Incremental encoder (Standard)				
	17 bit incremental encoder (option)				
	absolute encoder (option)				
Gear Box	option PF142				
Protection grade	IP65				
Use environment	Environment temperature:-20℃-50℃, Environment humidity:relatively				
Motor winding socket	winding lead	U	V	W	PE
	socket number	2	3	4	1
Electric pulse encoder socket (15 cores)	signal wire	5V 0V A+ B+ Z+ A- B- Z- U+ V+ W+ U- V- W- PE			
	socket number	2 3 4 5 6 7 8 9 10 11 12 13 14 15 1			
Absolute encoder socket (7 cores)	signal wire	E- E+ SD- 0V SD+ 5V PE			
	socket number	2 3 4 5 6 7 1			



	180HS-M19015	180HS-M21520	180HS-M27015	180HS-M35015
L1(without band brake) mm	232	243	262	292
L1(with band brake) mm	304	316	334	364