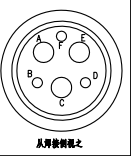


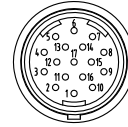
PIN	Colour	Function
A	Yellow	U
B	Red	Brake+
C	Black	W
D	Blue	Brake-
E	Red	V
F	YEL/GRN	PE



Connector Detail (Power Wire)

PIN	FUNCTION	COLOR	PIN	FUNCTION	COLOR
1	DC +5V	RED	10	/U	BROWN
2	GND	BLACK	11	V	WHITE/BLACK
3	A	BLUE/BLACK	12	/V	WHITE
4	/A	BLUE	13	NC	NC
5	B	GREEN	14	Z	YELLOW
6	/B	GREEN/BLACK	15	/Z	YELLOW/BLACK
7	NC	NC	16	W	GRAY/BLACK
8	NC	NC	17	/W	GRAY
9	U	BROWN/BLACK			

Connector Detail (Feedback Wire)



17 PIN



Brake Data			
DC	24v	Torque	10Nm
Power	19w	Max Machinal Speed	5000rpm

Tecnical Data	
No. of poles	8
DC Link Voltage $U_{dc}$ (DC Link)	48
Rated Power $P_n$ (W)	1260
Rated Torque $T_n$ (Nm)	4
Rated Speed $n_n$ (rpm)	3000
Rated Current $I_n$ (A)	32
Maximum torque $T_m$ (Nm)	12
Maximum Current $I_m$ (A)	96
Standstill torque $T_s$ (Nm)	4.4
Standstill current $I_s$ (A)	35.2
Resistance line-line $R_L$ ( $\Omega$ )	0.035
Inductance line-line $L_L$ (mH)	0.2
Electrical time constant $\tau_e$ (ms)	5.7
Mechanical time constant $\tau_m$ (ms)	2.1
Voltage constant $K_e$ (V/krpm)	8
Torque constant $K_t$ (Nm/A)	0.132
Rotor moment of inertia $J_m$ (Kg.cm <sup>2</sup> )	6.1
Max. voltage rising $du/dt$ (KV/ $\mu$ s)	8
Insulation class	F
Max. radial force $F_r$ (N)	630
Max. axial force $F_a$ (N)	315
Weight(Kg)	7.2
Feed back device	2500p/rev incremental encoder
	0IH48-TSS214N566

Cooling method		Totally enclosed non-ventilated
protection level		IP65,shaft sealing IP54
Evironmental conditions	Temperature	-20℃~40℃
	Humidity	Below 90%RH (No dewing)
	Environment	Far away active gas,combustible gas,oil drop,ash.
	Installation altitude	UP TO 1000m:rated power, above 1000m:15% power decreasing per 100m,max.4000m
Rating conditions	Mounting	Aluminum flange 305x305x13mm
	Temperature	60K housing temperature ring at 40℃ ambient

V1.2	KA200123		WYDSL	20-7-18	DESIGN	DATE	P/N.	9.6975SS
REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE	ZZB	20180823	TITLE
UNLESS OTHERWISE SPECIFIED TOLERANCES: DECIMALS: .x $\pm 0.5$ .xx $\pm 0.25$ .xxx $\pm 0.1$ UNIT: mm DO NOT SCALE DRAWING			MATERIAL		CONTR.	CHECK	USED ON	SMH110D-0120-30ABK-4DKR
						YJL	20180823	DWG NO.
						APPD		REV
						SL	20180823	V1.2
			FIRST ANGLE PROJECTION			SCALE	KINCO MOTOR	
						SHEET	OF	