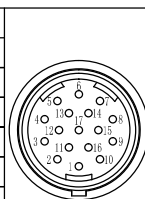


A diagram of a circular object, possibly a cross-section of a container or a mechanical part. It features a large outer circle with a double-line border. Inside this border, there are six smaller circles arranged in a hexagonal pattern. The circles are labeled as follows: 'A' is at the top-left, 'F' is at the top-right, 'B' is on the left, 'D' is on the right, 'C' is at the bottom, and 'E' is at the top center. The circles are of varying sizes, with 'A' and 'F' being the largest, and 'E' being the smallest.

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			

[illegible]

Technical Data		
No. of poles		8
DC Link Voltage U_{dc} (DC Link)		48
Rated Power P_N (W)		1260
Rated Torque T_N (N.m)		4
Rated Speed n_n (rpm)		3000
Rated Current I_N (A)		32
Maximum torque T_m (N.m)		12
Maximum Current I_m (A)		96
Standstill torque T_s (N.m)		4.4
Standstill current I_s (A)		35.2
Resistance line-line R (Ω)		0.03
Inductance line-line L (mH)		0.2
Electrical time constant τ_e (ms)		5.7
Mechanical time constant τ_m (ms)		2.0
Voltage constant K_v (V/krpm)		8
Torque constant K_t (Nm/A)		0.132
Rotor moment of inertia J_m (kg.cm ²)		5.8
Max. voltage rising du/dt (KV/ μ s)		8
Insulation class		F
Max. radial force F_r (N)		630
Max. axial force F_a (N)		315
Weight (kg)		6.2
Feed back device		2500p/rev incremental encoder
		01H48-TS5214N566
Cooling method		Totally enclosed non-ventilated
protection level		IP65, shaft sealing IP54
Environmental 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:1.5% power decreasing per 100m, max. 4000m
Rating conditions	Mounting	Aluminum flange 305x305x13mm
	Temperature	60K housing temperature ring at 40℃ ambient