

SAMPLE'S MAIN TECHNICAL PARAMETERS AND CONFIGURATION

Main technical parameter	Rated output rotate speed	51.47r/min	Rated output torque	4080N·m
	Structure type of drive machine		Three-phase asynchronous gear	
Motor	Model	HX-YFD200-6-30	Rated rotate speed	25kW
	Rated voltage	400V	Rated current	36A
	Rated power	980r/min	Protection degree	IP55
	Rated frequency	50Hz	Insulation grade	F
	Structure type	Three-phase asynchronous inner rotor		
	Manufacturer	Tianjin Huaxing Motor Manufacture Co., Ltd.		
Gear reducer	Model	CG26-135	Rated power	25kW
	Structure type	Level 1: Worm wheel, worm shaft Level 2: Helical gear		
	Reduction gear ratio	Level 1: 29:6 Level 2: 67:17		
	Center distance	Level 1: 135mm Level 2: 175mm		
	Shaft angle	Level 1: 90° Level 2: 180°		
	Manufacturer	Siemens Mechanical Drive Systems (Tianjin) Co., Ltd.		
Brake	Model	DSMBL245-13	Insulation grade	F
	Structure type	Two sets, block-type	Rated voltage	AC220V
	Manufacturer	Siegland Dremmen Ernde GmbH		
Manufacturer technical request	No-load running noise	≤65dB(A)	System total efficiency	≥82%
	Highest permit temperature rise of gear reducer oil	80K	Highest permit temperature of gear reducer oil	130°C



No.	Items.	Result	Conclusion
1	The assembles of drive unit	Pass	OK
2	The max. tolerance between the speed, measured under no load and rated speed	4.1%	OK
3	Link between the brake and the step, pallet or belt	Doublebank chains	OK
4	Working type of the brake	Braking when no voltage	OK
5	The marks and facies of hand winding device	Pass	OK
6	Color of the hand wining device	Yellow	OK
7	The yawp under no load	53.5dB(A)	OK
8	The min start voltage of the brake	56.8%	OK
9	The max. release voltage of the brake	11.1%	OK
10	Voltage resistance test for the brake loop	No breakdown	OK
11	System efficiency of the drive machine working in rated power output	Positive: 72.1% Reverse: 72.6%	OK
12	The temperature and temperature rise of the oil in reduction gearbox after load test	90.0°C 79.0K	OK
13	The temperature rise of motor stator coil after load test	105.0K	OK
14	The temperature rise of the brake coil after load test	20.5K	OK
15	The insulation resistance of motor stator coil after load test	500MΩ	OK
16	Oil leakage after load test	No leakage	OK