

# SUZHOU MONA DRIVE EQUIPMENT CO.,LTD

## Test Certificate

Main Specifications:

DATE: 2019-11-05

Product Name:	PMS Gearless Traction Machine	Product Type:	MCK200
Rated Voltage:	380 V	Main Sheave Spec.:	400-5/10-U105-15mm
Rated Power:	7.4 KW	Rated Torque:	740 Nm
Rated Speed:	95 Rpm	Rated Current:	17 A
Rated Frequency:	25.3 Hz	Serial No.:	293441
Motor Poles	32 P	Roping:	2 : 1
Rated load:	1088 Kg	Rated speed:	1.0 m/s

Measured Value:

S/N	Test Items	Criteria	Test Result
1	Insulating Resistance of Stator Winding	$\geq 100M\Omega$	OK
2	Dielectric Test of Stator Winding	1760V AC,1min No Damage	OK
3	Braking Surface runout	$< 0.10mm$	OK
4	Sheave groove runout	$< 0.15mm$	OK
5	Static Brake Torque	$> \text{Rated Torque} \times 2.5$	OK
6	The Lowest Voltage for Start Up and Highest Voltage for Release of Braking	$< 70\%$ 、 $< 50\%$	OK
7	Brake air gap	0.2~0.5mm	OK
8	Main Sheave Material Hardness	HB220 ~ 260	OK
9	Groove Surface Roughness	Ra 6.3um	OK
10	Braking Surface Roughness	Ra 3.2um	OK
11	Resistance deviation	/	$\pm 2\%$
12	Vertical Vibration Speed Effective Value	$< 0.5mm/s$	OK
13	No-Load Noise Test	$\leq 62dB$	OK
14	Outer Shape Quality	No Deficiency	OK

Conclusion of Inspection:

Compliance with Requirement

Testing Specialist: Ning Yu

Date: 2019-11-05

Approver: Fei Lu

Date: 2019-11-05