

# Motor Performance Test Report

Rev.0.6.3, July, 2014

2.8kgcm dyno, Central LAB

Note to Measurement

1. Rotating direction is viewed from output shaft unless specified.
2. Series Resistance = mOhm.
3. DUT cool down for >5 minutes before any measurement.
4. Testing Mode #3: Ramp Up & Down within 8s - up to rated load.

Project No: SAP2715A  
 Motor Type: DF-30F-2003  
 SOR / ISOR: 24C / 70%RH  
 Motor Winding: CCW  
 Remark: 2#

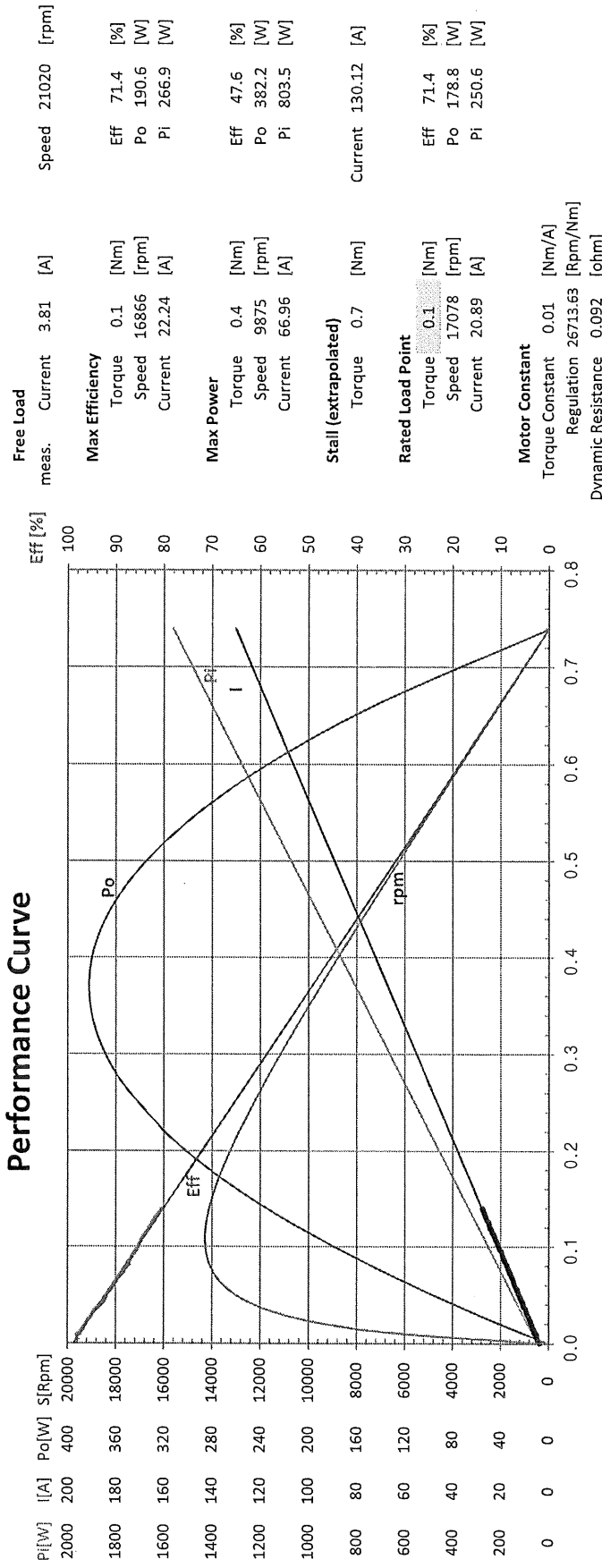
Customer Project: 12 [Vdc]

Test Voltage: 24C / 70%RH

Ambient: CCW

Test Motor No: CCW

## Motor Characteristics



Curve Fitting Range: from 0[Nm] to 0.145[Nm]

Linear Fitting R-> Speed-Torque: 0.9924

Current-Torque: 0.9997

Curve Fitted Data

Load Point [Nm]	Speed [rpm]	Current [A]	Pin [W]	Pout [W]	Eff [%]
0.1	17078	20.89	250.65	178.84	71.4
0.2	14407	37.97	455.68	301.73	66.2
0.3	11735	55.06	660.72	368.67	55.8
0.4	9064	72.15	865.75	379.66	43.9
0.5	6392	89.23	1070.78	334.71	31.3

Job Number: E180409

Tested by: LONGSC

Date: 5/10/2018

Reviewed by:

Date: