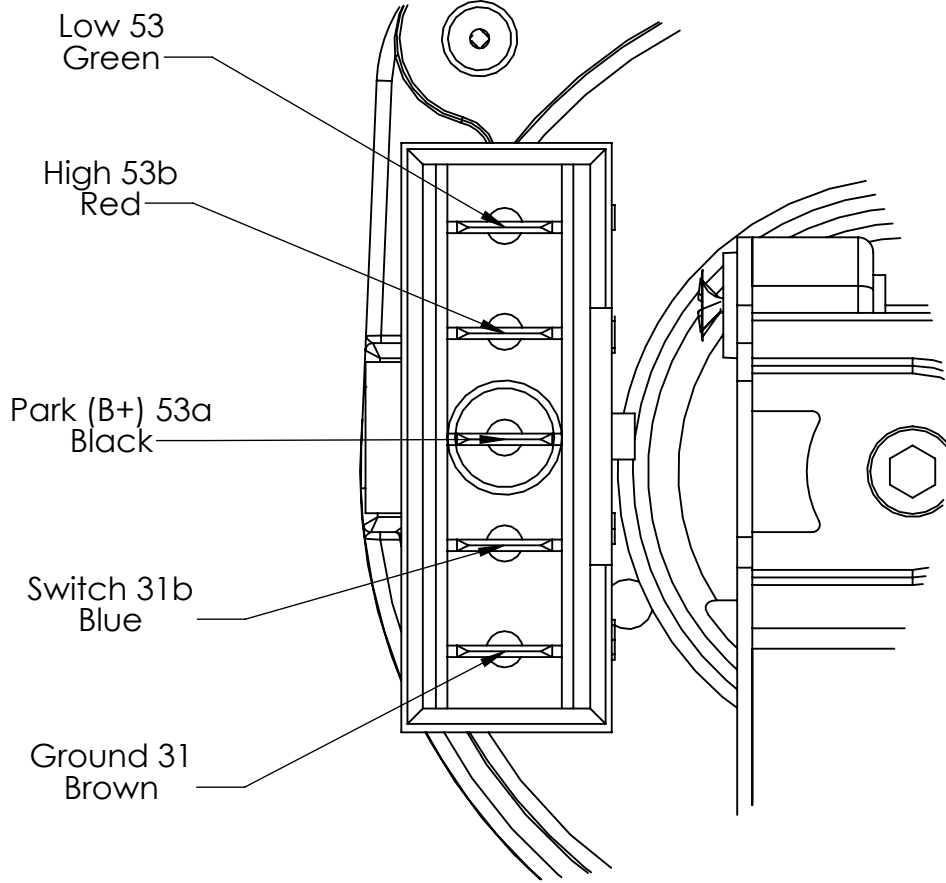
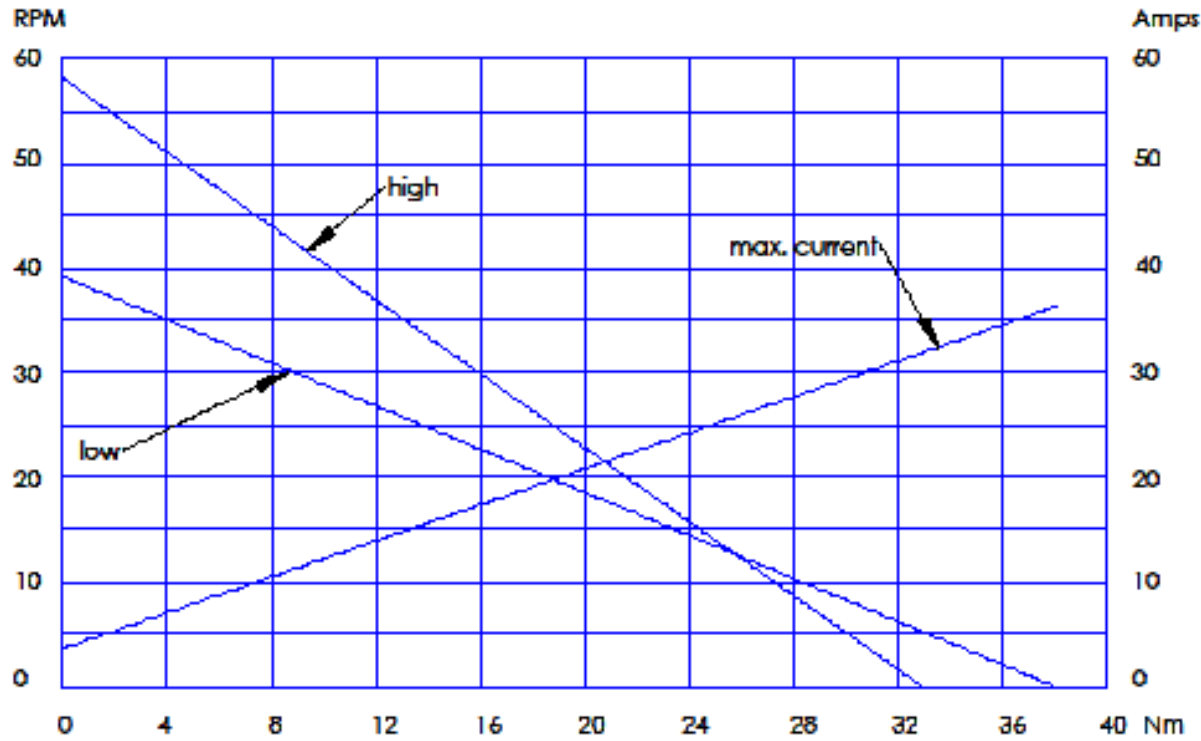


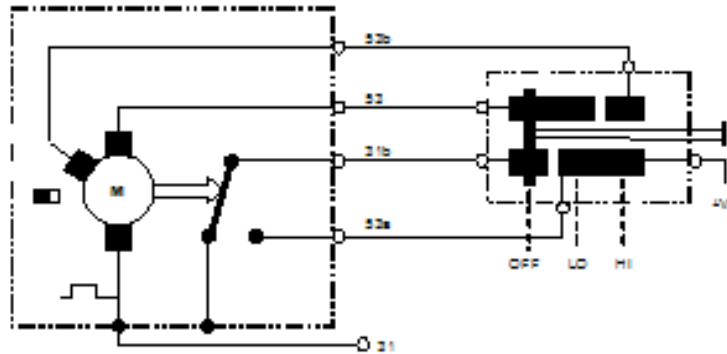
REV	DATE	DESCRIPTION
A	1/13/11	INITIAL RELEASE

D103 Model wiper motor nominal performance

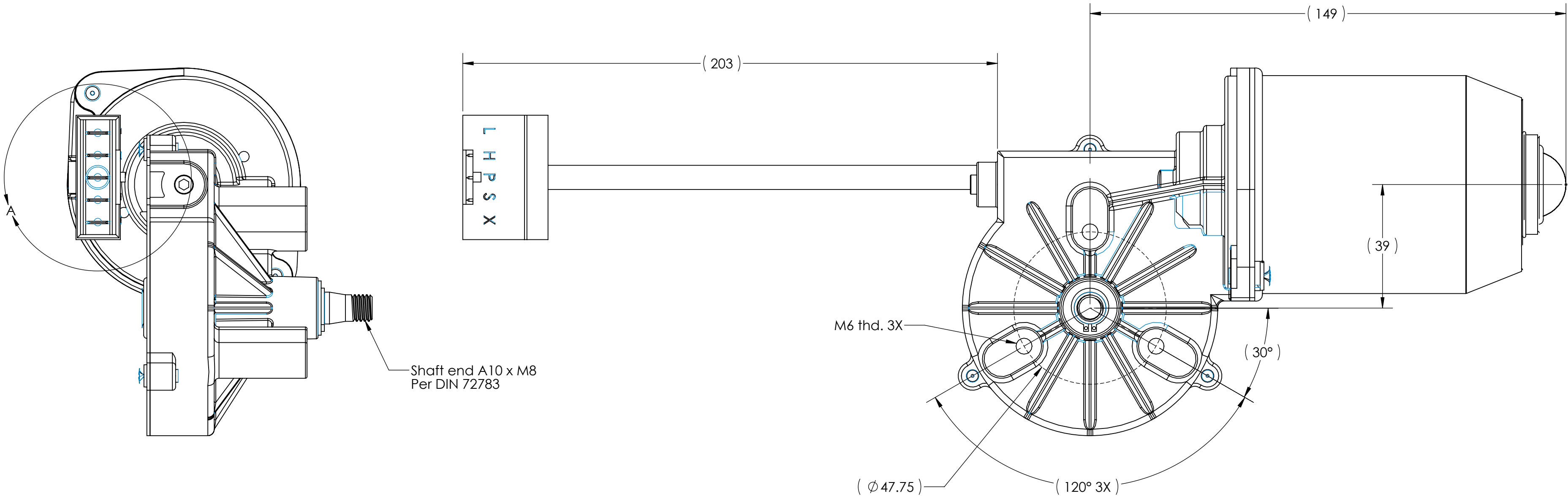
Test voltage: 13.5 V
Hot motor
Speeds ±5



CIRCUIT DIAGRAM



Detail A
Scale 2:1



Notes

Voltage: 12V
Test Voltage: 13.5V
Stall Torque: Low Speed 38 Nm, High 33 Nm
Max. Stall Current: 36 Amps
Motor Thermoswitch protected, 105° C ref
Rotation Direction: CCW
Low Speed: 39±5 rpm, hot, no load
High Speed: 58±7rpm, hot, no load
Intrusion protection: IP6K3

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN MM 3rd ANGLE PROJECTION	DRAWN	JH	1/13/11
	CHECKED		
	ENG APPR.		
INTERPRET GEOMETRIC TOLERANCING PER: ISO 2768-1 M MATERIAL		COMMENTS:	
FINISH			
APPLICATION			

TITLE: D103 MOTOR			
SIZE C	DWG. NO. 411.01000.3812	REV A	
SCALE: 1:2	WEIGHT:	SHEET 1 OF 1	