

# Motor Characterization algorithm

Searching for top speed

100\_000\_000      900\_000\_000

↑  
Mid

From: 100\_000\_000      To: {mid}      Step: 100\_000\_000

-OR-

From: {mid}      To: 900\_000\_000      Step: 100\_000\_000

Result1

Result1 - (10 \* 10\_000\_000)      Result1      Step: 10\_000\_000

↑  
Mid

Result2

Result2 - (10 \* 1\_000\_000)      Result2      Step: 1\_000\_000

↑  
Mid

Result3

Result3 - (10 \* 500\_000)      Result3      Step: 500\_000

↑  
Mid

Result - Ending Limit