

MODEL FC-280SA (-2470)

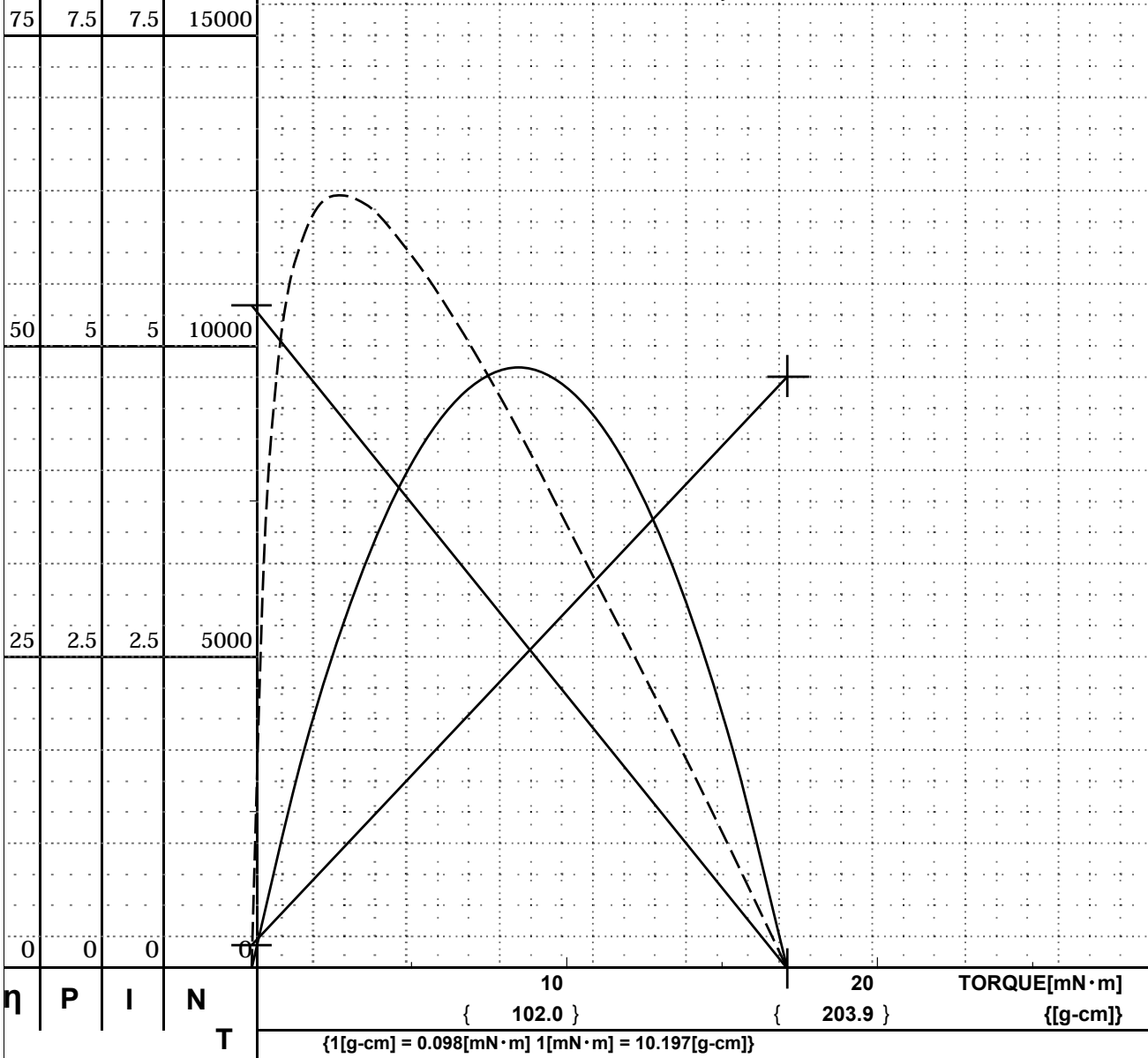
VOLTAGE 4.5 V

0

Constant

EFFICIENCY [%]	OUTPUT [W]	CURRENT [A]	SPEED [r/min]
75	7.5	7.5	15000
50	5	5	10000
25	2.5	2.5	5000
0	0	0	0

For Reference only.



η P I N T TORQUE[mN·m] TORQUE[g·cm]
 { 102.0 } { 203.9 }
 {1[g·cm] = 0.098[mN·m] 1[mN·m] = 10.197[g·cm]}

N = 0

No. _____

At Maximum Efficiency

Speed 8863 r/min
Current 0.974 A
Power 2.729 W
Torque 2.94 mNm
Eff. 62.28 %

At Maximum Power

Torque 8.647 mNm
Speed 5339 r/min
Current 2.485 A
Power 4.835 W
Eff. 43.23 %

Motor Characteristics

No 10679 r/min Ec 1.195 V
Io 0.195 A Alpha 32.21
Is 4.776 A V 4.5 V
Ts 17.29 mNm Kt 3.776 mNm/A
R 0.942 Ohms Km 3.89 mNm/Sqrt(W)