

MODEL FC-280SA (-2470)

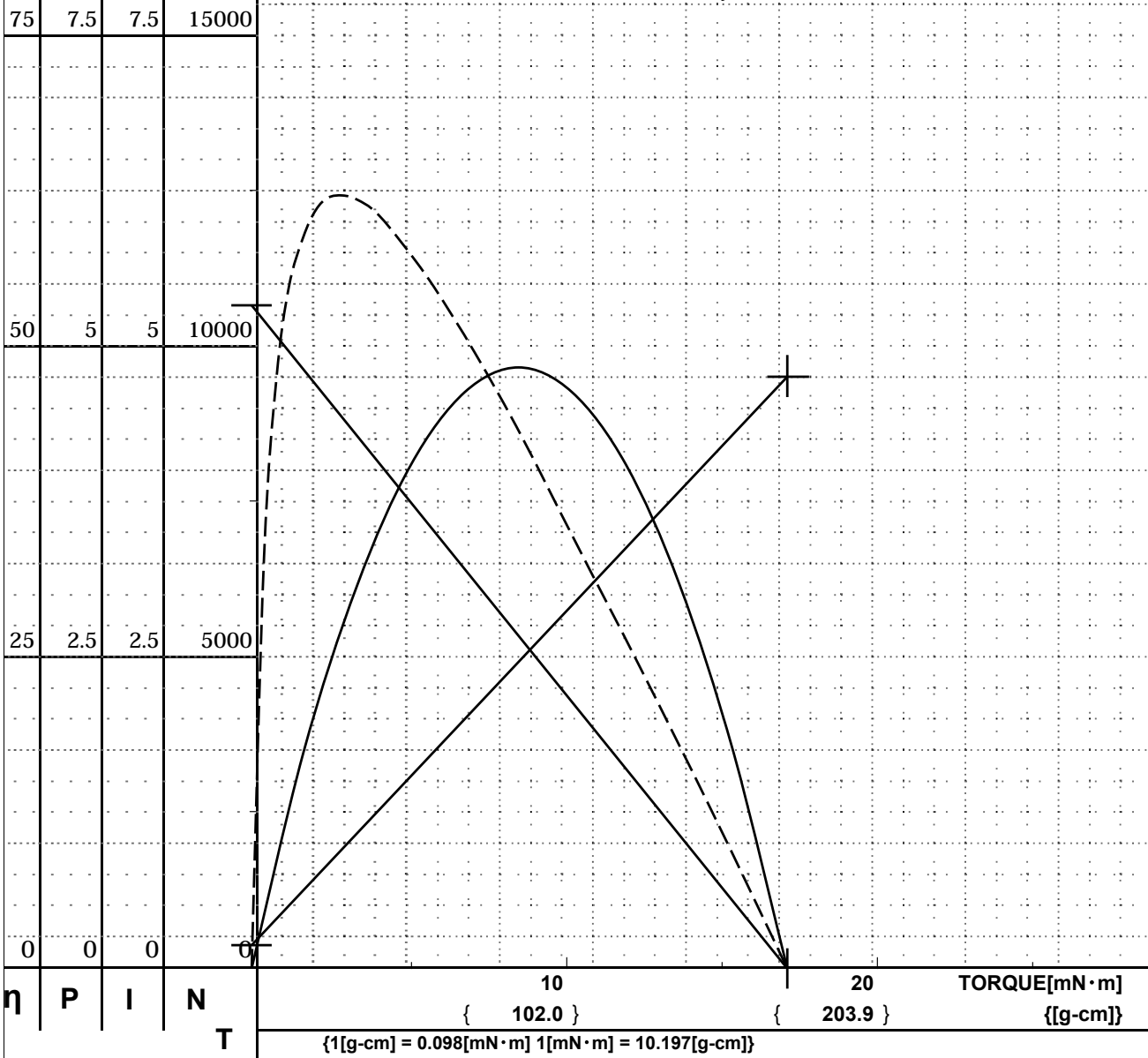
VOLTAGE 4.5 V

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
				10
				{ 102.0 }
				20
				{ 203.9 }
				TORQUE[mN·m]
				{[g-cm]}

{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)