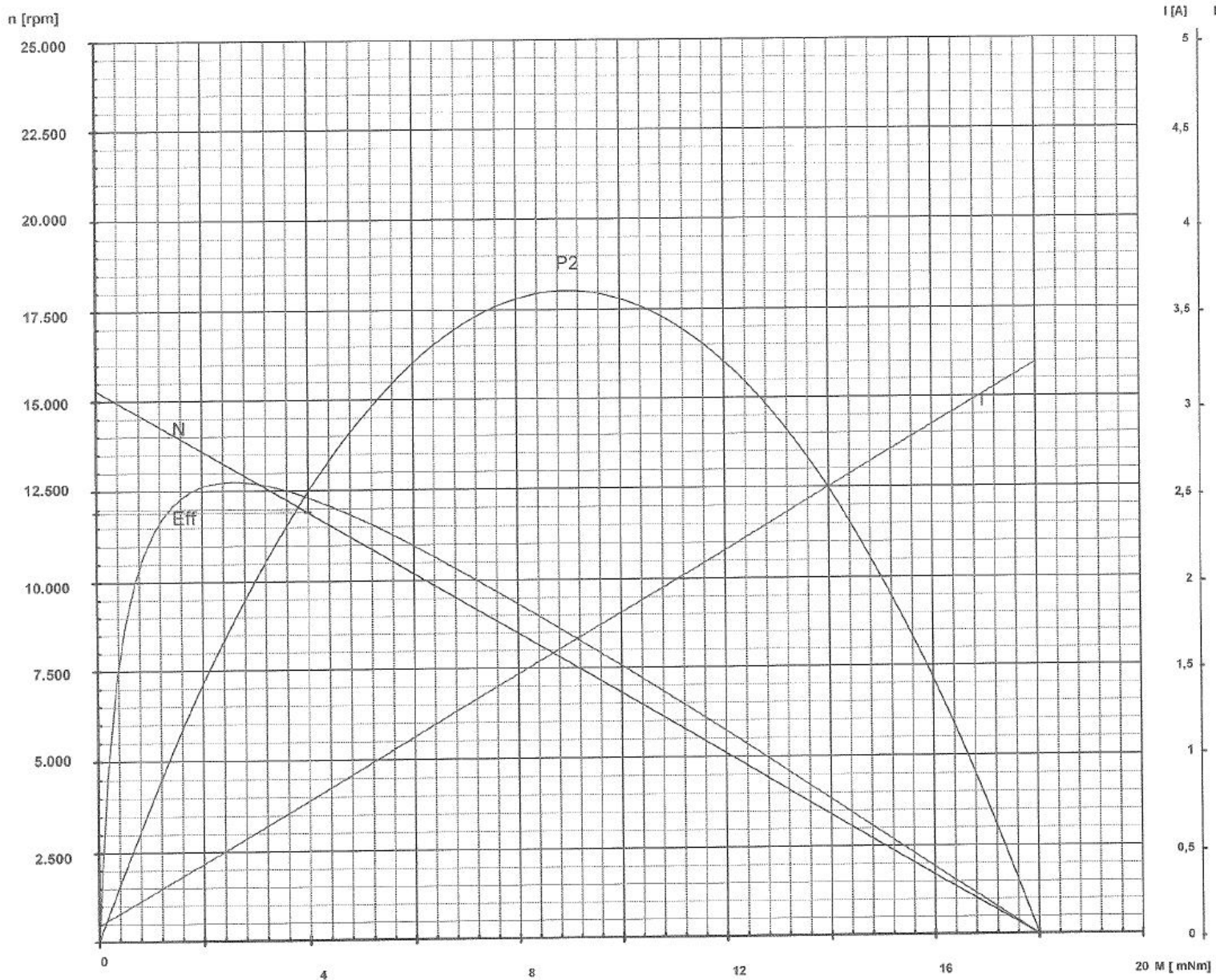


Project-No.
 Motor type - code
 Customer / Supplier

HC310-33340

SOF / Lot-Code
 Sample-No.
 Date



| I [A] | Pout [W] | η [%] |
|-------|----------|------------|
| 5 | 10 | 100 |
| 4,5 | 9 | 90 |
| 4 | 8 | 80 |
| 3,5 | 7 | 70 |
| 3 | 6 | 60 |
| 2,5 | 5 | 50 |
| 2 | 4 | 40 |
| 1,5 | 3 | 30 |
| 1 | 2 | 20 |
| 0,5 | 1 | 10 |
| 0 | 0 | 0 |

Performance curve

Ambient temperature 25 °C
 Test voltage 13,00 V
 Circuit resistance 0 Ω
 Winding 0,18 - 170T
 Direction of rotation CCW

At no load

Speed 15.300 rpm
 Current 0,09 A

At stall (extrapolated)

Stall torque 18,00 mNm
 Current 3,19 A

At max. efficiency

Efficiency 50,98 %
 Speed 13.100 rpm
 Current 0,54 A
 Torque 2,59 mNm
 Output power 3,55 W

At max. output power

Output power 7,21 W
 Speed 7.650 rpm
 Current 1,64 A
 Torque 9,00 mNm
 Efficiency 33,82 %

At torque load of

4,00 mNm
 Speed 11.900 rpm
 Current 0,78 A
 Output power 4,98 W
 Efficiency 49,23 %

Characteristic parameters

Speed / torque gradient 850,00 rpm / mNm
 Torque constant 5,81 mNm / A
 Terminal resistance 4,075 Ω
 Friction torque at no load 0,523 mNm

Additional information