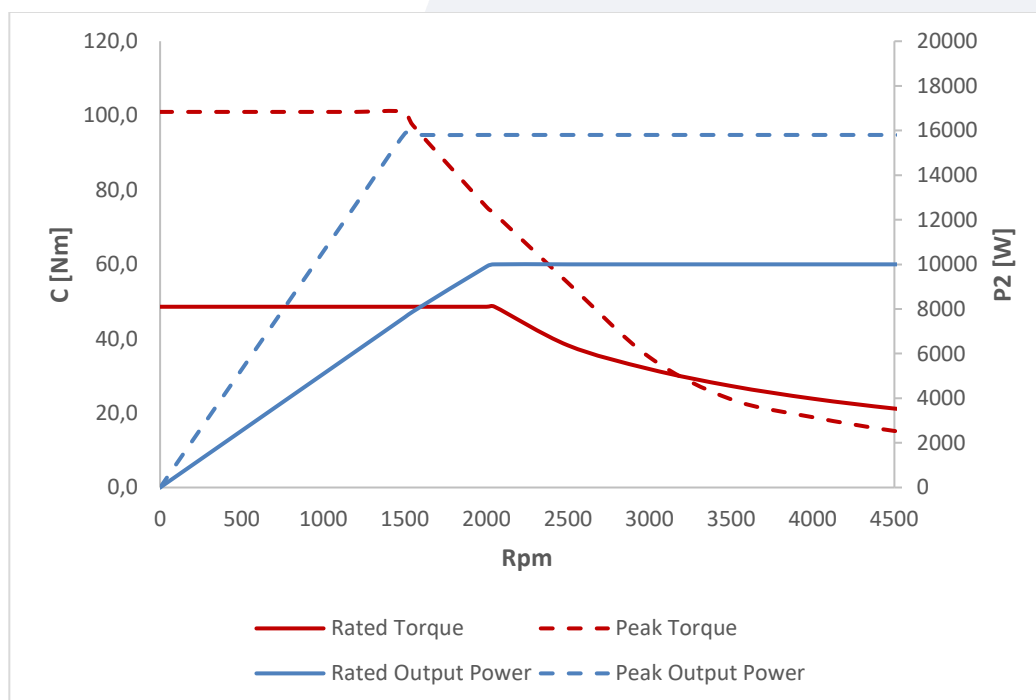


## AC 200-165 53

|                          |  |  |               |  |
|--------------------------|--|--|---------------|--|
| <b>Motor Rated Power</b> |  |  | <b>10000W</b> |  |
|--------------------------|--|--|---------------|--|

|                              |  |  |               |  |
|------------------------------|--|--|---------------|--|
| <b>Inverter Power Supply</b> |  |  | <b>600Vdc</b> |  |
|------------------------------|--|--|---------------|--|

| Description        | Symbol | Unit     |           |  |
|--------------------|--------|----------|-----------|--|
| Operating Mode     | -      | -        | S2-60min  |  |
| Motor speed        | $n_n$  | rpm      | 1900      |  |
| Number of poles    | $2p$   | -        | 4         |  |
| Voltage            | $V$    | Vac      | 424       |  |
| Frequency          | $f_n$  | Hz       | 63        |  |
| Nominal Torque     | $C_n$  | Nm       | 50.3      |  |
| Nominal Current    | $I_n$  | Arms     | 18.5      |  |
| Efficiency         | $\eta$ | -        | 85        |  |
| Protection Degree  | IP     |          | IP 54     |  |
| Insulation Class   | -      | -        | F         |  |
| Connection         | -      | -        | DELTA     |  |
| Thermal Protection | -      | -        | KTY84-130 |  |
| Speed Sensor       | -      | Puls/Rev | 64        |  |
| Brake Supply Volt  | $V_B$  | Vdc      | -         |  |
| Brake Torque       | $C_B$  | Nm       | -         |  |
| Brake Power        | $P_B$  | W        | -         |  |



| Description  | Symbol | Unit | Rated Power | Max speed | Max torque |  |
|--------------|--------|------|-------------|-----------|------------|--|
| Duty         |        |      | S2-60min    | S2-30min  | S2-5min    |  |
| Rpm          | $n$    | rpm  | 1900        | 4500      | 1500       |  |
| Torque       | $C$    | Nm   | 50.3        | 21.2      | 101        |  |
| Output power | $P$    | W    | 10000       | 10000     | 15800      |  |
| Current      | $I$    | Arms | 18.5        | 18.5      | 33.0       |  |
| Frequency    | $f$    | Hz   | 63          | 155       | 52         |  |

**PRELIMINARY**