

Werkzeugnis (2.2) [1] Typstest

| | |
|---|---|
| Hersteller: SIEMENS s.r.o. Works Elektromotory Mohelnice Industry Sector Anschrift: VOGELWEIHESTR. 1-15 D-90441 Nuernberg Germany | Getestet von / Tř Siemens AG Siemens AG I DT LD P R&D 3 MOH 31 Nádražní 25 789 85 Mohelnice Czech Republic |
| T11180L-131,133,132-4 | 5.886.18.73530.034 |

SIEMENS

Made in Czech Republic



3~ Mot 1MB1513-1EB2 - Zone 21 , 1MB1523-1EB2 - Zone 22 , 1MB1533-1EB2 - Zone 2
 IEC/EN 60034 180L IMB3 IP55 ThCl155(F) -20<=TAMB<=40°C

Bearing

DE 6208-2ZC3
 NE 6208-2ZC3

| V | Hz | A | kW | PF | rpm | NOM.EFF | IE_CL | CL |
|------|----|------|------|------|------|---------|-------|----|
| 400D | 50 | 35,0 | 18,5 | 0,82 | 1470 | 92,6 | IE3 | K |
| 690Y | 50 | 20,5 | 18,5 | 0,82 | 1470 | 92,6 | IE3 | K |
| 460D | 60 | 34,5 | 21,3 | 0,83 | 1770 | 93,6 | IE3 | K |
| 460D | 60 | 30,5 | 18,5 | 0,81 | 1775 | 93,6 | IE3 | K |

| Bemess. Daten | Mot. Nr. | Ständer [4] | | | n [7] | Leistungs- | | cos phi [15] | T [16] | Eta [17] | Ist/In [22] | Tst/Tn [23] | 2p [15] |
|---------------|----------|-------------|-------|-------|---------|------------|--------|--------------|--------|----------|-------------|-------------|---------|
| | | f [3] | U [5] | I [6] | | P1 [9] | P2 [8] | | | | | | |
| | | [Hz] | [V] | [A] | [1/min] | [kW] | [kW] | [-] | [Nm] | [%] | [-] | [-] | |
| Leerl. [10] | | 50 | 400 | 14,63 | 1500 | 0,381 | | 0,037 | | | | | 4 |
| | | 60 | 460 | 13,62 | 1800 | 0,441 | | 0,039 | | | | | 4 |
| Last[18] | | 50 | 400 | 34,95 | 1471 | 19,838 | 18,532 | 0,818 | 120,09 | 93,42 | | | 4 |
| | | 60 | 460 | 34,52 | 1770 | 22,743 | 21,340 | 0,826 | 114,90 | 93,83 | | | 4 |
| Anzug[19] | | 60 | 460 | 30,67 | 1775 | 19,688 | 18,590 | 0,805 | 99,53 | 94,42 | | | 4 |
| | | 50 | 400 | 258,5 | | 82,300 | | 0,479 | | | 7,39 | 2,32 | 4 |
| | | 60 | 460 | 260,3 | | 87,340 | | 0,433 | | | 7,54 | 2,22 | 4 |

Kurzschlußläufer [11] Ausführung: EN 60034 IEC 60034 [12]

| load | | %Pn | 25% | 50% | 75% | 100% |
|-----------------|---------|-----|-------|-------|--------|--------|
| Input Power [9] | P1 | kW | 5,120 | 9,958 | 14,818 | 19,838 |
| Output Power[8] | P2 | kW | 4,674 | 9,343 | 13,920 | 18,532 |
| Power factor | cos phi | - | 0,446 | 0,668 | 0,766 | 0,818 |
| Efficiency [17] | eta | % | 91,29 | 93,83 | 93,94 | 93,42 |

| | | | |
|----------------------------------|----------------|------------|--------------------------|
| Widerstand zwischen Klemmen [13] | U1-V1 0,2384 Ω | bei 19,9°C | Rpf20= 0,3577 Ω bei 20°C |
| | V1-W1 0,2384 Ω | | |
| | W1-U1 0,2383 Ω | | |

Prüfung der Isolierung bestanden [14] Kühllufttemperatur max. 40 °C [20]
 bzw. nach Leistungsschildangabe [21]

English / Francais / česky

[1] Test report / Fiche d'essais / Osvědčení o zkoušce
 [2] Reference / Référence / Objednavatel
 [3] Frequency / Fréquence / Kmitoččet
 [4] Stator / Stator / Stator
 [5] Voltage / Tension / Napětí
 [6] Current / Courant / Proud
 [7] Speed r.p.m. / Vitesse tr/min / Otáčky
 [8] Output / Puissance nominale / Výkon
 [9] Input / Puissance absorbée / Příkon
 [10] No load test / Marche á vide / Naprázdno
 [11] Squirrel-cage rotor / Rotor en court-circuit / Rotor nakrátko
 [12] According to standard / Exécution selon prescription/Provedení

[13] Resistance between terminals / Résistance entre bornes / Odpor na svorkách
 [14] Withstand voltage test / Essais de tension de tenue / Zkouška vinutí
 [15] Number of poles / Nombres des pôles / Polarita
 [16] Torque / Couple / Moment
 [17] Efficiency / Rendement / Účinnost
 [18] Load / Mesure á..charge / Zátěž
 [19] Locked rotor test / Test en court circuit / Zkouška nakrátko
 [20] Cooling air temperature max...°C / Temp. de l'air de refroidissement max...°C / Teplota okolí max...°C
 [21] or indication on name plate / ou indique sur la plaque / pro údaj na výkonovém štítku
 [22] Starting current related to rated current / courant rotor bloqué en proportion de courant assigné / Poměr proudu záběrového k proudu jmenovitému
 [23] Starting torque related to rated torque / couple rotor bloqué en proportion de couple assigné / Poměr momentu záběrového k momentu jmenovitému