Leistung: Dauerbetriebsleistung in kW bei normalem Spindelbetrieb und intensiver Wasserkühlung.
Die Spitzenleistung ist erheblich höher

Rotor: Käfigwerkstoff: normal Aluminium oder Kupfer für ein grösseres Achsloch (bis ca. 100 m/s)
Für höhere Umfangsgeschwindigkeiten ist eine spezielle Kupfer-Ausführung oder bei reduzierter Leistung eine Ausführung mit Aluminiumlegierung möglich

| Drehzahl 1000 1/min | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Frequenz Hz | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
| mW 4/2-2-116e/.. | | | | | 0.15 | | | | | 0.31 | | | | | 0.47 |
| mW 4/3-2-116e/.. | | | | | 0.25 | | | | | 0.53 | | | | | 0.8 |
| mW 4/4-2-116e/.. | | | | | 0.41 | | | | | 0.82 | | | | | 1.2 |
| mW 4/5-2-116e/.. | | | | | 0.5 | | | | | 1.1 | | | | | 1.6 |
| mW 4/6-2-116e/.. | | | | | 0.66 | | | | | 1.4 | | | | | 2.0 |
| mW 4.5/2.5-2-126d/.. | | | 0.12 | 0.19 | 0.27 | 0.33 | 0.39 | 0.45 | 0.51 | 0.57 | 0.64 | 0.7 | 0.77 | 0.83 | 0.89 |
| mW 4.8/1.5-2-88d/.. | | | | 0.11 | 0.14 | 0.16 | 0.19 | 0.21 | 0.23 | 0.25 | 0.28 | 0.3 | 0.33 | 0.35 | 0.38 |
| mW 4.8/2.5-2-88d/.. | | | 0.18 | 0.25 | 0.32 | 0.38 | 0.45 | 0.51 | 0.58 | 0.65 | 0.71 | 0.78 | 0.85 | 0.92 | 1.0 |
| mW 4.8/3-2-88d/.. | | | 0.24 | 0.33 | 0.41 | 0.49 | 0.57 | 0.65 | 0.74 | 0.82 | 0.9 | 1.0 | 1.1 | 1.1 | 1.2 |
| mW 4.8/4-2-88d/.. | | 0.19 | 0.3 | 0.41 | 0.53 | 0.65 | 0.76 | 0.87 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.7 |
| mW 4.8/5-2-88d/.. | | 0.25 | 0.39 | 0.54 | 0.69 | 0.91 | 1.1 | 1.2 | 1.4 | 1.5 | 1.7 | 1.8 | 2.0 | 2.1 | 2.3 |
| mW 4.8/6-2-88d/.. | 0.1 | 0.32 | 0.51 | 0.68 | 0.85 | 1.0 | 1.2 | 1.4 | 1.5 | 1.7 | 1.9 | 2.0 | 2.2 | 2.4 | 2.5 |
| mW 5.4/1.5-2-52c/.. | | | | 0.2 | 0.24 | 0.29 | 0.33 | 0.38 | 0.43 | 0.48 | 0.53 | 0.57 | 0.62 | | |
| mW 5.4/2.5-2-52c/.. | | | 0.26 | 0.35 | 0.44 | 0.53 | 0.62 | 0.71 | 0.81 | 0.9 | 1.0 | 1.1 | 1.2 | | |
| mW 5.4/3-2-52c/.. | 0.06 | 0.17 | 0.33 | 0.45 | 0.57 | 0.69 | 0.81 | 0.93 | 1.1 | 1.2 | 1.3 | 1.5 | 1.6 | | |
| mW 5.4/4.5-2-52c/.. | 0.12 | 0.3 | 0.55 | 0.74 | 0.94 | 1.1 | 1.3 | 1.5 | 1.7 | 1.9 | 2.1 | 2.3 | 2.5 | | |
| mW 5.4/6-2-52c/.. | 0.18 | 0.45 | 0.8 | 1.1 | 1.3 | 1.6 | 1.8 | 2.1 | 2.4 | 2.6 | 2.9 | 3.1 | 3.4 | | |
| mW 6/2-2-45c/.. | | 0.12 | 0.22 | 0.34 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | | | |
| mW 6/3-2-45c/.. | 0.07 | 0.19 | 0.34 | 0.55 | 0.8 | 1.0 | 1.1 | 1.3 | 1.4 | 1.6 | 1.7 | 1.9 | | | |
| mW 6/4.5-2-45c/.. | 0.12 | 0.3 | 0.54 | 0.86 | 1.2 | 1.4 | 1.7 | 1.9 | 2.1 | 2.4 | 2.6 | 2.8 | | | |
| mW 6/6-2-45c/.. | 0.22 | 0.5 | 0.91 | 1.3 | 1.7 | 2.0 | 2.3 | 2.6 | 3.0 | 3.3 | 3.6 | 4.0 | | | |
| mW 6/8-2-45c/.. | 0.33 | 0.8 | 1.3 | 1.8 | 2.3 | 2.8 | 3.2 | 3.7 | 4.1 | 4.6 | 5.1 | 5.5 | | | |
| mW 7/2-2-267d/.. | 0.07 | 0.15 | 0.33 | 0.5 | 0.7 | 0.87 | 1.0 | 1.2 | 1.3 | 1.5 | | | | | |
| mW 7/3-2-267d/.. | 0.16 | 0.33 | 0.6 | 0.86 | 1.1 | 1.4 | 1.7 | 1.9 | 2.2 | 2.4 | | | | | |
| mW 7/4-2-267d/.. | 0.2 | 0.6 | 1.0 | 1.4 | 1.8 | 2.2 | 2.5 | 2.9 | 3.2 | 3.6 | | | | | |
| mW 7/5-2-267d/.. | 0.3 | 0.75 | 1.3 | 1.8 | 2.3 | 2.8 | 3.2 | 3.7 | 4.1 | 4.6 | | | | | |
| mW 7/6-2-267d/.. | 0.4 | 1.0 | 1.7 | 2.3 | 2.9 | 3.5 | 4.1 | 4.7 | 5.3 | 5.8 | | | | | |
| mW 7/7-2-267d/.. | 0.5 | 1.2 | 2.1 | 2.8 | 3.5 | 4.2 | 4.9 | 5.6 | 6.3 | 7.0 | | | | | |
| mW 7/10-2-267d/.. | 0.7 | 1.9 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 8.0 | 9.1 | 10 | | | | | |
| mW 8.3/3-2-55a/.. | 0.2 | 0.5 | 0.91 | 1.3 | 1.6 | 2.0 | 2.3 | 2.6 | | | | | | | |
| mW 8.3/5-2-55a/.. | 0.45 | 1.1 | 2.1 | 2.9 | 3.6 | 4.3 | 5.1 | 5.8 | | | | | | | |
| mW 8.3/6-2-55a/.. | 0.6 | 1.5 | 2.5 | 3.5 | 4.6 | 5.5 | 6.4 | 7.3 | | | | | | | |
| mW 8.3/7-2-55b/.. | 0.75 | 1.8 | 3.1 | 4.2 | 5.3 | 6.4 | 7.5 | 8.6 | | | | | | | |

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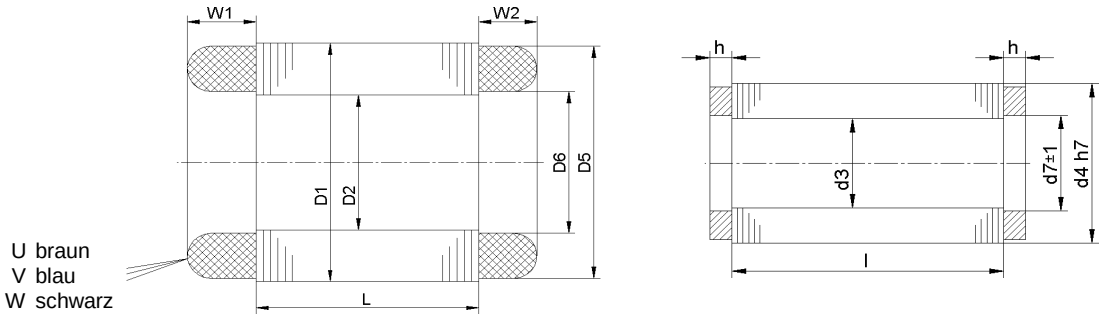
| Drehzahl 1000 1/min | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Frequenz Hz | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
| mW 8.3/9-2-55b/.. | 1.1 | 2.7 | 4.2 | 5.7 | 7.2 | 8.7 | 10 | 12 | | | | | | | |
| mW 8.5/5-2-53b/.. | 0.57 | 1.4 | 2.1 | 2.8 | 3.5 | 4.2 | 4.8 | 4.8 | | | | | | | |
| mW 8.5/7.5-2-53b/.. | 1.0 | 2.2 | 3.3 | 4.5 | 5.7 | 6.8 | 7.9 | 8.0 | | | | | | | |
| mW 8.5/9-2-53b/.. | 1.3 | 2.8 | 4.2 | 5.7 | 7.1 | 8.5 | 9.9 | 10 | | | | | | | |
| mW 9/4-2-66a/.. | 0.45 | 1.3 | 2.2 | 2.9 | 3.6 | 4.3 | 5.1 | | | | | | | | |
| mW 9/6-2-66a/.. | 0.82 | 2.1 | 3.4 | 4.5 | 5.7 | 6.8 | 7.9 | | | | | | | | |
| mW 9/8-2-66a/.. | 1.2 | 3.0 | 4.7 | 6.3 | 7.9 | 9.4 | 11 | | | | | | | | |
| mW 9/10-2-66a/.. | 1.6 | 3.9 | 6.2 | 8.3 | 10 | 12 | 15 | | | | | | | | |
| mW 10.6/5-2-57a/.. | 1.0 | 2.8 | 4.0 | 5.3 | 6.6 | 7.5 | | | | | | | | | |
| mW 10.6/8-2-57a/.. | 2.0 | 5.0 | 7.0 | 9.3 | 12 | 13 | | | | | | | | | |
| mW 10.6/10-2-57a/.. | 2.7 | 6.5 | 9.8 | 12 | 15 | 16 | | | | | | | | | |
| mW 10.6/12-2-57a/.. | 3.5 | 8.0 | 12 | 15 | 18 | 20 | | | | | | | | | |
| mW 12/6-2-79a/.. | 2.3 | 5.0 | 7.5 | 10 | 12 | | | | | | | | | | |
| mW 12/9-2-79a/.. | 4.0 | 8.0 | 12 | 15 | 18 | | | | | | | | | | |
| mW 12/12.5-2-79a/.. | 6.0 | 12 | 18 | 22 | 26 | | | | | | | | | | |
| mW 13.5/11-2-92a/.. | 6.3 | 13 | 19 | 24 | 28 | | | | | | | | | | |

# Massblatt

## Skizze




| Hauptabmessungen alle Masse in mm | Stator | | | | Rotor | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Durchmesser | | Wickelkopf-Länge | | Bohrung | | | | Ring-Länge | | |
| Typ D1/Lfe [cm] | D1 (Rohmass) | D2 | W1 mit PTC | W2 | d3 min Al | d3 min Cu | d3 max Al | d3 max Cu | h Al | h Cu | h Cu-St |
| mW 4/ … - 2- 116e/… | 40.2 | 21 | 12 | 10 | 9.1 | 9.1 | 11.5 | 11.5 | - | 4 | 4 |
| mW 4.5/ … - 2- 126d/… | 45.2 | 24 | 12 | 10 | 9.5 | - | 14.5 | - | 4 | - | - |
| mW 4.8/ … - 2- 88d/… | 48.2 | 28 | 14 | 11 | 13.5 | 18.8 | 15 | 19 | 6 | 4 | 8 |
| mW 5.4/ … - 2- 52c/… | 55 | 30 | 15 | 13 | 11.0 | - | 17 | - | 6 | - | - |
| mW 6/ … - 2- 45c/… | 60.2 | 32 | 16 | 14 | 10.5 | - | 15.5 | - | 7 | - | - |
| mW 7/ … - 2- 267d/… | 70.2 | 40 | 18 | 14 | 20.5 | - | 22 | - | 7.5 | - | - |
| mW 8.3/ … - 2- 55../… | 83.35 | 50 | 25 | 22 | 23.0 | 23.0 | 25 | 28 | 8.5 | 6 | 14 |
| mW 8.5/ … - 2- 53b/… | 85.4 | 50 | 23 | 21 | 23.0 | 23.0 | 27 | 28 | 8.5 | 6 | 14 |
| mW 9/ … - 2- 66a/… | 90 | 55 | 29 | 25 | 23.0 | 23.0 | 32 | 34 | 10 | 6 | 14 |
| mW 10.6/ … - 2- 57a/… | 106.5 | 65 | 40 | 32 | 32.5 | - | 35 | - | 8 | - | - |
| mW 12/ … - 2- 79a/… | 120 | 75 | 40 | 35 | 32.0 | 37.0 | 40 | 44 | 20 | 8 | 16 |
| mW 13.5/ … - 2- 92a/… | 135 | 85 | 42 | 38 | 37.0 | - | 44 | - | 18.5 | - | - |