

| Nennspannung | V DC | 24 | | | | | 205 | | | | | V DC | Voltage rating |
|----------------|----------|------|------|------|------|------|-------|-------|-------|------|------|----------|--------------------|
| | | 100 | 46 | 36 | 22 | 14 | 100 | 37 | 18 | 11 | 5 | % | ED* LK |
| ED* LK | % | 100 | 46 | 36 | 22 | 14 | 100 | 37 | 18 | 11 | 5 | % | ED* LK |
| Nennstrom | A | 1,35 | 2,70 | 3,40 | 5,30 | 8,30 | 0,161 | 0,381 | 0,768 | 1,19 | 2,42 | A | Current rating |
| Nennwiderstand | Ω | 17,7 | 8,9 | 7,0 | 4,5 | 2,9 | 1.272 | 538 | 267 | 172 | 84,6 | Ω | Nominal resistance |
| D 92, 25° | MA Ncm | 88 | 125 | 138 | 160 | 175 | 79 | 125 | 160 | 177 | 204 | Ncm | MA D 92, 25° |
| | ME Ncm | 125 | 155 | 163 | 182 | 195 | 117 | 152 | 182 | 198 | 220 | Ncm | ME |
| D 93, 35° | MA Ncm | 71 | 104 | 116 | 137 | 154 | 61 | 104 | 137 | 157 | 184 | Ncm | MA D 93, 35° |
| | ME Ncm | 112 | 138 | 147 | 160 | 168 | 106 | 138 | 160 | 168 | 170 | Ncm | ME |
| D 94, 45° | MA Ncm | 53 | 86 | 98 | 119 | 137 | 46 | 86 | 119 | 140 | 167 | Ncm | MA D 94, 45° |
| | ME Ncm | 108 | 130 | 136 | 145 | 150 | 102 | 130 | 145 | 150 | 150 | Ncm | ME |
| D 96, 65° | MA Ncm | 31 | 52 | 62 | 83 | 100 | 26 | 52 | 83 | 105 | 125 | Ncm | MA D 96, 65° |
| | ME Ncm | 97 | 112 | 117 | 122 | 123 | 91 | 112 | 122 | 123 | 115 | Ncm | ME |
| D 99, 95° | MA Ncm | 13 | 22 | 27 | 37 | 46 | 11 | 22 | 37 | 48 | 63 | Ncm | MA D 99, 95° |
| | ME Ncm | 72 | 83 | 85 | 87 | 86 | 68 | 82 | 87 | 85 | 78 | Ncm | ME |

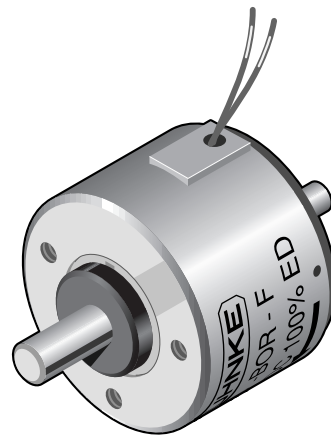
* LK = Luftkühlung,
bei Kühlfläche $\geq 1600 \text{ cm}^2$ ist die 1,7fache ED
zulässig

MA = Anfangsdrehmoment
ME = Enddrehmoment (5° vor Drehwinkelende)

Anschlussart: - Litze
- Steckhülsenanschluss
(6,3 DIN 46247)
Gewicht: ca. 3800 g
Dyn. Trägheitsmoment
(Drehmasse): ca. $47 \cdot 10^{-6} \text{ kg m}^2$
Zeitkonstante: ca. 20–100 ms

Alle Magnete mit MA > 18 Ncm sind
mit Rückholfeder MR ca. 15,0 Ncm
lieferbar.

Die Betriebsspannung von 205 V DC
ergibt sich nach der Gleichrichtung von
230 V AC mittels Brückengleichrichter.



* By using a cooling surface $\geq 1600 \text{ cm}^2$, the
permissible duty cycle can be extended up to
1.7x normal rating

MA = Initial torque
ME = End torque (5° before end of rotary angle)

Coil terminals: - Flying leads
- Solder terminal box
(6.3 DIN 46247)
Weight: appr. 3800 g
Dyn. moment of
inertia (rotational
mass): appr. $47 \cdot 10^{-6} \text{ kg m}^2$
Time constant: appr. 20–100 ms

All solenoids with MA > 18 Ncm are
available with spring return, with a rating
of MR = 15.0 Ncm approximately.

The operational voltage of 205 V DC
results from rectifying 230 V AC with a
bridge rectifier.

