

# Typ/Type SN 10 F

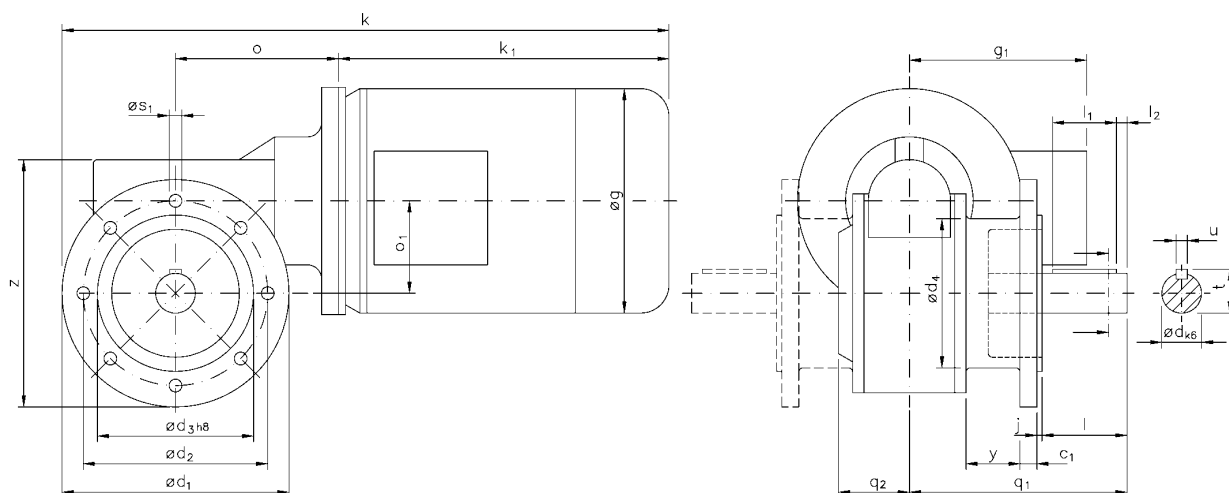
## Drehstrom Schneckengetriebe-Motoren Worm gear drives with three-phase motors

IP 54, 230/400 V, 50 Hz



Motor und Getriebe in Kugellagerung, Schnecken gehärtet und geschliffen, Schneckenräder aus Sonderbronze.  
Ball bearings for motor and gear; worms hardened and ground; wormwheel made of special bronze alloy.

| Belastbarkeit der Abtriebswelle<br>Loading capacity of the output shaft |        |
|-------------------------------------------------------------------------|--------|
| radial/radially                                                         | 2000 N |
| axial/axially                                                           | 1000 N |



Maße ohne Toleranzangabe sind unverbindlich!  
Dimensions without tolerances are not binding!

Andere Wellenmaße auf Anfrage!  
Other shaft dimensions on request!

|         | Befestigungsmaße/Mounting dimensions |                 |                 |                 |                 |     |                 |  |  | Raummaße/Outline dimensions |                |       |                |     |                |                |                |    | Wellenmaße/Shaft dimensions |    |  |    |                |                |    |   |
|---------|--------------------------------------|-----------------|-----------------|-----------------|-----------------|-----|-----------------|--|--|-----------------------------|----------------|-------|----------------|-----|----------------|----------------|----------------|----|-----------------------------|----|--|----|----------------|----------------|----|---|
| Watt    | c <sub>1</sub>                       | ød <sub>1</sub> | ød <sub>2</sub> | ød <sub>3</sub> | ød <sub>4</sub> | j   | øS <sub>1</sub> |  |  | øg                          | g <sub>1</sub> | k     | k <sub>1</sub> | o   | o <sub>1</sub> | q <sub>1</sub> | q <sub>2</sub> | y  | z                           | ød |  | l  | l <sub>1</sub> | l <sub>2</sub> | t  | u |
| 550/750 | 12                                   | 160             | 130             | 110             | 104             | 3,5 | 9               |  |  | 158                         | 125            | 432   | 237            | 115 | 65             | 153,5          | 50             | 37 | 174                         | 28 |  | 60 | 45             | 7,5            | 31 | 8 |
| 1100    | 12                                   | 160             | 130             | 110             | 104             | 3,5 | 9               |  |  | 178                         | 139            | 468,5 | 273,5          | 115 | 65             | 153,5          | 50             | 37 | 174                         | 28 |  | 60 | 45             | 7,5            | 31 | 8 |

## Getriebedaten / Technical data of the gear

| Untersetzung i / Gear reduction i                   | 75  | 66  | 50  | 36  | 28  | 20  | 13  | 6   |
|-----------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| max. zul. Drehmoment / max. permissible torque (Nm) | 150 | 146 | 164 | 197 | 230 | 176 | 187 | 121 |

| Motordaten / Technical data of the motor       | 550 Watt, 1400 Upm/rpm Gew. ca. 15,5 kg, ca. 1,5 A bei 400 V/weight approx. 15,5 kg; approx. 1,5 A at 400 V Preis-Nr./Price No.: D 1007 |    |    |    |    |    |     |     |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|----|-----|-----|
| Getriebedrehzahl / Gear rotation speed (1/min) | 19                                                                                                                                      | 21 | 28 | 39 | 50 | 70 | 111 | 224 |
| eff. Drehmoment / Eff. torque (Nm)             | 87                                                                                                                                      | 94 | 84 | 72 | 60 | 50 | 35  | 19  |

| Motordaten / Technical data of the motor       | 750 Watt, 1400 Upm/rpm Gew. ca. 16,8 kg, ca. 2,1 A bei 400 V/weight approx. 16,8 kg; approx. 2,1 A at 400 V Preis-Nr./Price No.: D 1008 |     |     |    |    |    |     |     |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----|-----|----|----|----|-----|-----|
| Getriebedrehzahl / Gear rotation speed (1/min) | 19                                                                                                                                      | 21  | 28  | 39 | 50 | 70 | 111 | 224 |
| eff. Drehmoment / Eff. torque (Nm)             | 119                                                                                                                                     | 128 | 115 | 98 | 82 | 69 | 48  | 26  |

| Motordaten / Technical data of the motor       | 1100 Watt, 1400 Upm/rpm Gew. ca. 22,1 kg, ca. 3,0 A bei 400 V/weight approx. 22,1 kg; approx. 3,0 A at 400 V Preis-Nr./Price No.: D 1009 |     |     |     |     |     |     |     |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|
| Getriebedrehzahl / Gear rotation speed (1/min) | 19                                                                                                                                       | 21  | 28  | 39  | 50  | 70  | 111 | 224 |
| eff. Drehmoment / Eff. torque (Nm)             | 174                                                                                                                                      | 188 | 169 | 143 | 120 | 101 | 70  | 38  |

Nicht über max. zul. Drehmoment belasten! / Do not load above the max. permissible torque!

**Bitte machen Sie bei Ihrer Bestellung folgende Angaben:  
Please include the following specifications with your order:**

Klemmkastenstellung  
Terminal box position

**A                      B                      C                      D**

Wellen- bzw. Flanschstellung  
Shaft resp. flange position

**1                      2**