

**Hydraulikaggregate
und Zubehör**

**Pumpenträger
Kupplungen
E-Motoren**



hydraulik

Elektromotor S.11-10

Leistung, Drehzahl

—▶ **Baugröße**

Pumpenträger S.11-04

2 Typen: **LS** und **LSE**

Baugröße-Elektromotor —▶ **Pumpenträger**

Baugröße-Zahnradpumpe

Kupplung S.11-04

2 Typen: **ND** und **OMT**

Baugröße-Elektromotor —▶ **Kupplung**

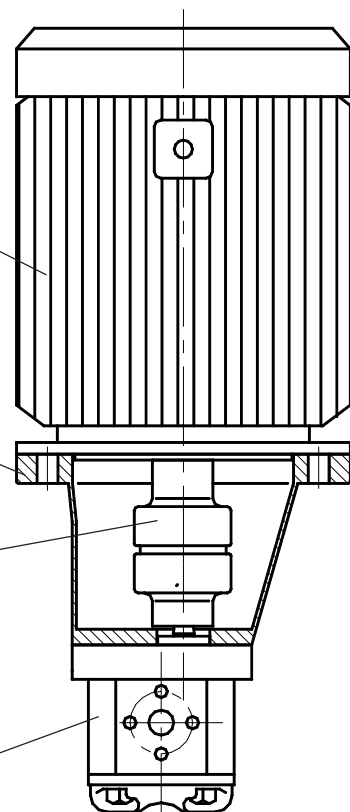
Baugröße-Zahnradpumpe

Zahnradpumpe Kapitel 3

Leistung, Ölstrom, Drehzahl

—▶ **Baureihe**

—▶ **Baugröße**



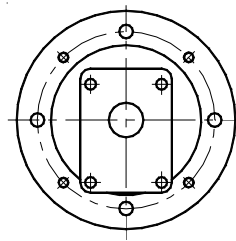
Auswahl des Pumpenträgers und der Kupplung:

Aus dieser Tabelle werden Pumpenträger und Kupplung zu der jeweiligen Motorleistung und Baugröße der Zahnradpumpe ermittelt. Genauere technische Daten zu Pumpenträgern und Kupplungen sowie Motoren finden sie in den nachfolgenden Tabellen.

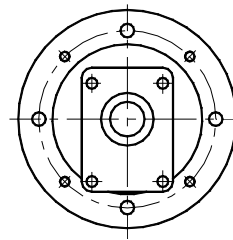
| Elektromotor* Leistung | | Pumpe Baugröße | Pumpenträger Bestellcode | | Kupplung ND gesamt | L | Kupplung - Motor | Kupplung - Pumpe | Kupplung OMT gesamt | L | Kupplung Motor | Kupplung - Pumpe | | |
|---------------------------|--------------|-------------------|-----------------------------|--------|--------------------------|-----|---------------------|---------------------|---------------------------|-----|-------------------|---------------------|---|---|
| kW | Baugröße | | LS | LSE | | | | | | | | | | |
| 0,12 ÷ 0,18 | 63 | 1 | 141 | 141 | ND 03 | 52 | ND 48A | ND 48PU1P | AGN 03 | 50 | OMT 1023C02 | OMT 1023U1P | | |
| | | ZB | 142 | 142 | ND 198 | | | ND 48PZB | AGN 198 | | | OMT 1023ZB | | |
| 0,25 ÷ 0,37 | 71 | 1 | 161 | 161 | ND 2 | 62 | ND 48B | ND 48PU1P | AGN 2 | 57 | OMT 1030C07 | OMT 1023U1P | | |
| | | ZB | - | LBS 19 | ND 199 | | | ND 48PZB | AGN 199 | | | OMT 1023ZB | | |
| 0,55 ÷ 0,75 | 80 | 1 | 211 | 211 | ND 05 A | 78 | ND 48CG45 | ND 48PU1P | AGN 5 | 70 | OMT 2033C20 | OMT 2033U1P | | |
| | | ZB | - | LBS 28 | ND 300 | | | ND 48PZB | AGN 200 | | | OMT 2033ZB | | |
| | | 1 | 201 | 201 | ND 5 | 87 | ND 48C | ND 48PU1P | AGN 5 | | | OMT 2033U1P | | |
| | | ZB | - | LBS 20 | ND 200 | | | ND 48PZB | AGN 200 | | | OMT 2033ZB | | |
| | | 2 | 203 | 203 | ND 7 | 87 | ND 65A | ND 65P2 | AGN 7A | | | OMT 2033U2 | | |
| | | ZF | - | LBS 21 | ND 202 | | | ND 65PZF | AGN 202 | | | OMT 2033ZF | | |
| | | 3 | 206 | - | ND 50 A | 116 | ND 86HD20 | ND 86H3U | - | | | - | - | - |
| | | ZG | - | 214 | ND 50 D | | | ND 86HZG | - | | | - | - | |
| 1,1 ÷ 1,5 | 90 | 1 | 201 | 201 | ND 70 A | 87 | ND 48D | ND 48PU1P | AGN 8 | 70 | OMT 2033C31 | OMT 2033U1P | | |
| | | ZB | - | LBS 20 | ND 70 D | | | ND 48PZB | AGN 201 | | | OMT 2033ZB | | |
| | | 1 | 201 | 201 | ND 8 | 87 | ND 65B | ND 65PU1P | AGN 8 | | | OMT 2033U1P | | |
| | | ZB | - | LBS 20 | ND 201 | | | ND 65P2 | AGN 201 | | | OMT 2033ZB | | |
| | | 2 | 203 | 203 | ND 10 | 87 | ND 65B | ND 65P2 | AGN 10A | | | OMT 2033U2 | | |
| | | ZF | - | LBS 21 | ND 203 | | | ND 65PZF | AGN 203 | | | OMT 2033ZF | | |
| | | 3 | 206 | - | ND 51 A | 116 | ND 86HD31 | ND 86H3U | - | | | - | - | - |
| | | ZG | - | 214 | ND 51 D | | | ND 86HZG | - | | | - | - | |
| 2,2 ÷ 4 | 100 ÷ 112 | 1 | 250 | 250 | ND 11 | 97 | ND 65C | ND 65PU1P | AGN 11 | 74 | OMT 3040C36 | OMT 3030U1P | | |
| | | 2 | 252 | 252 | ND 13 | | | ND 65P2 | AGN 12C | | | OMT 3030U2 | | |
| | | ZB | - | LBS 22 | ND 204 | | | ND 65PZB | AGN 204 | | | OMT 3030ZB | | |
| | | ZF | - | LBS 23 | ND 206 | | | ND 65PZF | AGN 205 | | | OMT 3030ZF | | |
| | | 2 | 253 | 253 | ND 61 | 107 | ND 65C | ND 65Q2 | AGN 13A | 84 | OMT 3040C36 | OMT 3040U2 | | |
| | | 3 | 255 | 255 | ND 61 C | | | ND 65Q3U | AGN 14 | | | OMT 3040U3 | | |
| | | ZF | - | LBS 24 | ND 61 D | | | ND 65QZF | AGN 206 | | | OMT 3040ZF | | |
| | | ZG | - | LBS 25 | ND 61 E | | | ND 86QZG | AGN 207 | | | OMT 3040ZG | | |
| | | 2 | 253 | 253 | ND 14 | 107 | ND 86A | ND 86P2 | AGN 13A | 84 | OMT 3040C36 | OMT 3040U2 | | |
| | | 3 | 255 | 255 | ND 15 | | | ND 86P3U | AGN 14 | | | OMT 3040U3 | | |
| | | ZF | - | LBS 24 | ND 208 | | | ND 86PZF | AGN 206 | | | OMT 3040ZF | | |
| | | ZG | - | LBS 25 | ND 209 | | | NF 86PZG | AGN 207 | | | OMT 3040ZG | | |
| 5,5 ÷ 9 | 132 | 1 | 310 | 310 | ND 900 | 135 | ND 86B | ND 86PU1P | - | 104 | OMT 4050C47 | - | | |
| | | 2 | 300 | 300 | ND 16 | | | ND 86P2 | AGN 15A | | | OMT 4050U2 | | |
| | | 3 | 302 | 302 | ND 17 | | | ND 86P3U | AGN 16 | | | OMT 4050U3 | | |
| | | ZF | - | LBS 26 | ND 210 | | | ND 86PZF | AGN 208 | | | OMT 4050ZF | | |
| | | ZG | - | LBS 27 | ND 211 | | | ND 86PZG | AGN 209 | | | OMT 4050ZG | | |
| 11 ÷ 15 | 160 | 2 | - | 350 | ND 43 A | 168 | ND 108B | ND 108P2 | AGN 19A | 124 | OMT 5060C51 | OMT 5060U2 | | |
| | | 3 | 352 | 352 | ND 43 C | | | ND 108P3U | AGN 20 | | | OMT 5060U3 | | |
| | | ZF | - | LBS 31 | ND 43 D | | | ND 108PZF | AGN 210 | | | OMT 5060ZF | | |
| | | ZG | - | LBS 32 | ND 43 E | | | ND 108PZG | AGN 212 | | | OMT 5060ZG | | |
| | | 4 | 358 | - | ND 22 | | | ND 108Q4 | AGN 24 | | | OMT 5060U4 | | |
| 18,5 ÷ 22 | 180 | 2 | - | 350 | ND 44 A | 168 | ND 108C | ND 108P2 | AGN 25A | 124 | OMT 5060C54 | OMT 5060U2 | | |
| | | 3 | 352 | 352 | ND 44 C | | | ND 108P3U | AGN 26 | | | OMT 5060U3 | | |
| | | ZF | - | LBS 31 | ND 44 D | | | ND 108PZF | AGN 211 | | | OMT 5060ZF | | |
| | | ZG | - | LBS 32 | ND 44 E | | | ND 108PZG | AGN 213 | | | OMT 5060ZG | | |
| | | 4 | 358 | - | ND 26 | | | ND 108Q4 | AGN 30 | | | OMT 5060U4 | | |
| 30 | 200 | 3 | 401 | - | ND 40 | 176 | ND 108D | ND 108Q3U | AGN 31 | 150 | OMT 6080C56 | OMT 6062U3 | | |
| | | 4 | 407 | - | ND 42 | | | ND 108Q4 | AGN 33A | | | OMT 6062U4 | | |
| | | ZG | - | LBS 30 | ND 299 | | | ND 108QZG | AGN 214 | | | OMT 6062 ZG | | |
| 37 ÷ 45 | 225 | 3 | - | 456 | ND 32 | 206 | ND 143C | ND 143P3U | - | 150 | OMT 6080C57 | - | | |
| | | ZG | - | LBS 35 | ND 33 | | | ND 143PZG | - | | | - | | |
| | | 4 | - | 453 | ND 31 | | | ND 143P4 | AGN 35A | | | OMT 6062U4 | | |

* angegebene Leistungen bei 4-poligen E-Motor mit n=1450 U/min

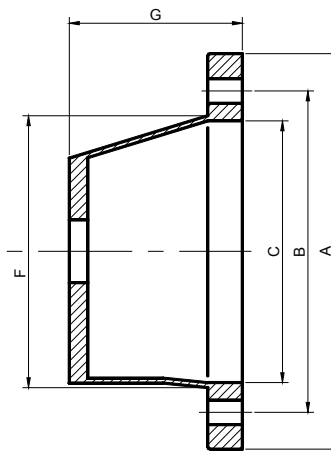
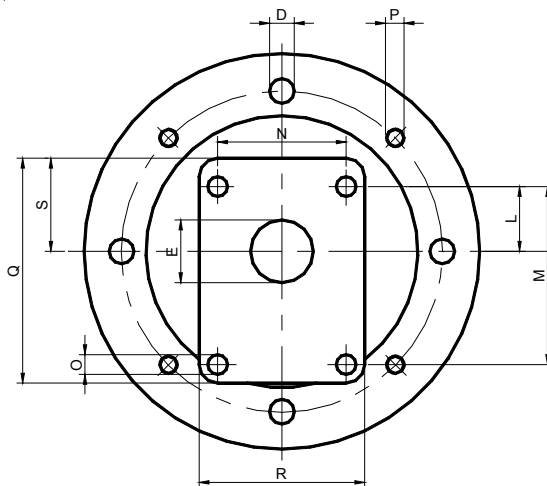
Pumpenträger:



LS
Standard-
pumpenträger



LSE
Pumpenträger mit
Zentrierring



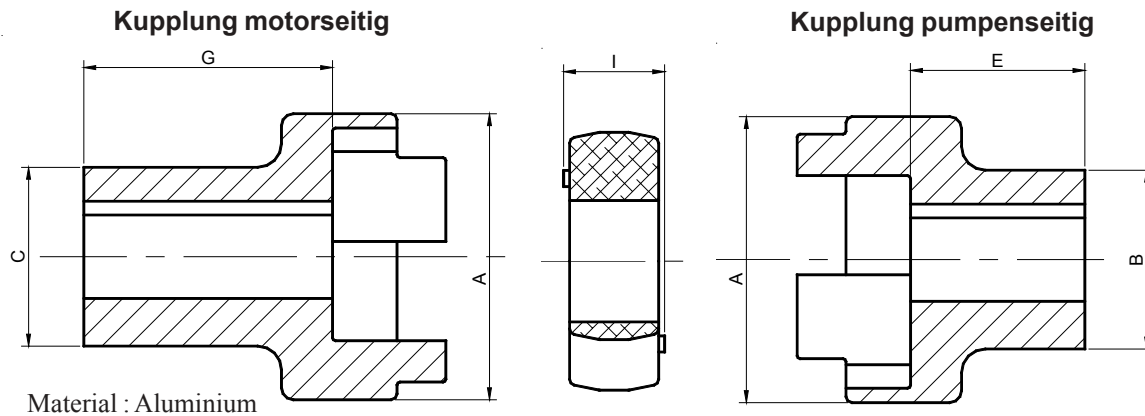
| Pumpe Baugröße | Pumpenträger Bezeichnung | Flanschabmessungen [mm]: Pumpe | | | | | | | | Flanschabmessungen [mm]: Motor | | | | | | | | Zentrier- ring |
|-------------------|-----------------------------|--------------------------------|------|-----|------|-----|-------|-----|-------|--------------------------------|-----|-----|----|-----|-----|----|-----|-------------------|
| | | E | L | M | N | O | Q | R | S | A | B | C | D | F | G | H | P | |
| 1 | 141 | 25,4 | 26,2 | 72 | 52 | M6 | 90 | 69 | 34 | 140 | 115 | 95 | 10 | 100 | 60 | 11 | M8 | RC1-254 |
| | 161 | 25,4 | 26,2 | 72 | 52 | M6 | 90 | 69 | 34 | 160 | 130 | 110 | 10 | 110 | 70 | 14 | M8 | RC1-254 |
| | 211 | 25,4 | 26,2 | 72 | 52 | M6 | 90 | 69 | 34 | 200 | 165 | 130 | 12 | 135 | 87 | 15 | M10 | RC1-254 |
| | 201 | 25,4 | 26,2 | 72 | 52 | M6 | 90 | 69 | 34 | 200 | 165 | 130 | 12 | 135 | 95 | 15 | M10 | RC1-254 |
| | 250 | 25,4 | 26,2 | 72 | 52 | M6 | 118 | 86 | 43 | 250 | 215 | 180 | 14 | 185 | 105 | 21 | M12 | RC1-254 |
| | 310 | 25,4 | 26,2 | 72 | 52 | M6 | 170 | 120 | 159 | 300 | 265 | 230 | 14 | 238 | 143 | 21 | M12 | RC1-254 |
| ZB | LBS 18 | 32 | 10,3 | 40 | 40 | M8 | 90 | 69 | 34 | 140 | 115 | 95 | 10 | 100 | 60 | 11 | M8 | - |
| | LBS 19 | 32 | 10,3 | 40 | 40 | M8 | 90 | 69 | 34 | 160 | 130 | 110 | 10 | 110 | 70 | 14 | M8 | - |
| | LBS 20 | 32 | 10,3 | 40 | 40 | M8 | 90 | 69 | 34 | 200 | 165 | 130 | 12 | 135 | 95 | 15 | M10 | - |
| | LBS 22 | 32 | 10,3 | 40 | 40 | M8 | 118 | 86 | 43 | 250 | 215 | 180 | 14 | 185 | 105 | 21 | M12 | - |
| | LBS 28 | 25,4 | 26,2 | 72 | 52 | M6 | 90 | 69 | 34 | 200 | 165 | 130 | 12 | 135 | 87 | 15 | M10 | - |
| 2 | 203 | 36,5 | 32,5 | 96 | 71,5 | M8 | 118 | 86 | 43 | 200 | 165 | 130 | 12 | 135 | 95 | 15 | M10 | RC1-365 |
| | 252 | 36,5 | 32,5 | 96 | 71,5 | M8 | 118 | 86 | 43 | 250 | 215 | 180 | 14 | 185 | 105 | 21 | M12 | RC1-365 |
| | 253 | 36,5 | 32,5 | 96 | 71,5 | M8 | 170 | 120 | 59 | 250 | 215 | 180 | 14 | 185 | 105 | 21 | M12 | RC2-365 |
| | 300 | 36,5 | 32,5 | 96 | 71,5 | M8 | 170 | 120 | 159 | 300 | 265 | 230 | 14 | 238 | 143 | 21 | M12 | RC2-365 |
| | 350 | 36,5 | 32,5 | 96 | 71,5 | M8 | 235 | 235 | 117,5 | 350 | 300 | 250 | 18 | 253 | 178 | 25 | M16 | RC2S-365 |
| ZF | LBS 21 | 80 | 34,5 | 100 | 72 | M8 | 118 | 86 | 43 | 200 | 165 | 130 | 12 | 135 | 95 | 15 | M10 | - |
| | LBS 23 | 80 | 34,5 | 100 | 72 | M8 | 118 | 86 | 43 | 250 | 215 | 180 | 14 | 185 | 105 | 21 | M12 | - |
| | LBS 24 | 80 | 34,5 | 100 | 72 | M8 | 170 | 120 | 59 | 250 | 215 | 180 | 14 | 185 | 105 | 21 | M12 | - |
| | LBS 26 | 80 | 34,5 | 100 | 72 | M8 | 170 | 120 | 159 | 300 | 265 | 230 | 14 | 238 | 143 | 21 | M12 | - |
| | LBS 31 | 80 | 34,5 | 100 | 72 | M8 | 235 | 235 | 117,5 | 350 | 300 | 250 | 18 | 253 | 178 | 25 | M16 | - |
| 3 | 206 | 50,8 | 42 | 128 | 98,5 | M10 | 180 | 158 | 65 | 200 | 165 | 130 | 12 | 135 | 126 | 16 | M10 | RC2-508 |
| | 255 | 50,8 | 42 | 128 | 98,5 | M10 | 170 | 120 | 59 | 250 | 215 | 180 | 14 | 185 | 105 | 21 | M12 | RC2-508 |
| | 302 | 50,8 | 42 | 128 | 98,5 | M10 | 170 | 120 | 159 | 300 | 265 | 230 | 14 | 238 | 143 | 21 | M12 | RC2-508 |
| | 352 | 50,8 | 42 | 128 | 98,5 | M10 | 235 | 235 | 117,5 | 350 | 300 | 250 | 18 | 253 | 178 | 25 | M16 | RC3-508 |
| | 401 | 50,8 | 42 | 128 | 98,5 | M10 | 272 | 247 | 123 | 400 | 350 | 300 | 18 | 299 | 188 | 25 | M16 | RC3-508 |
| | 456 | 50,8 | 42 | 128 | 98,5 | M10 | 287,5 | 175 | 137,5 | 450 | 400 | 350 | 18 | 350 | 218 | 25 | M16 | RC3-508 |
| ZG | 214 | 105 | 48 | 145 | 102 | M10 | 180 | 158 | 65 | 200 | 165 | 130 | 12 | 135 | 126 | 16 | M10 | - |
| | LBS 25 | 105 | 48 | 145 | 102 | M10 | 170 | 120 | 59 | 250 | 215 | 180 | 14 | 185 | 105 | 21 | M12 | - |
| | LBS 27 | 105 | 48 | 145 | 102 | M10 | 170 | 120 | 159 | 300 | 265 | 230 | 14 | 238 | 143 | 21 | M12 | - |
| | LBS 32 | 105 | 48 | 145 | 102 | M10 | 235 | 235 | 117,5 | 350 | 300 | 250 | 18 | 253 | 178 | 25 | M16 | - |
| | LBS 30 | 105 | 48 | 145 | 102 | M10 | 272 | 247 | 123 | 400 | 350 | 300 | 18 | 299 | 188 | 25 | M16 | - |
| | LBS 35 | 105 | 48 | 145 | 102 | M10 | 287,5 | 175 | 137,5 | 450 | 400 | 350 | 18 | 350 | 218 | 25 | M16 | RC3-508 |
| 4 | 358 | 63,5 | 64,3 | 188 | 143 | M12 | 230 | 175 | 77 | 350 | 300 | 250 | 18 | 253 | 188 | 25 | M16 | RC3-635 |
| | 407 | 63,5 | 64,3 | 188 | 143 | M12 | 272 | 247 | 123 | 400 | 350 | 300 | 18 | 299 | 188 | 25 | M16 | RC3-635 |
| | 453 | 63,5 | 64,3 | 188 | 143 | M12 | 287,5 | 175 | 137,5 | 450 | 400 | 350 | 18 | 350 | 218 | 25 | M16 | RC3-635 |

Bestellbeispiel: **LS203**

weitere Pumpenträger auf Anfrage möglich

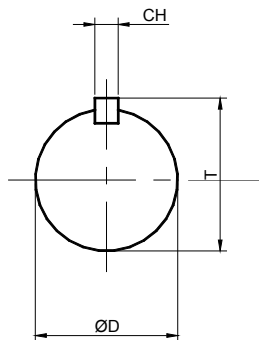
Kupplung:

ND

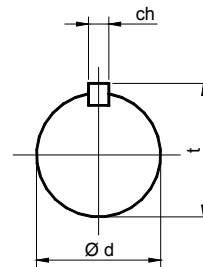


Material : Aluminium

Welle - Motor

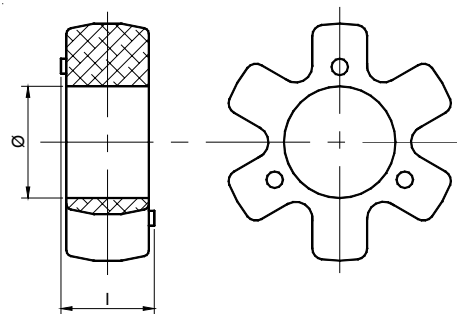


Welle - Pumpe



Gummistern:

| Gummistern Bezeichnung | Abmessungen [mm] | | |
|---------------------------|------------------|------|-------|
| | l | Ø | D-max |
| R-42 | 16 | 19 | 14 |
| R-62 | 18 | 29 | 22 |
| R-82 | 20 | 31,5 | 24 |
| R-108 | 24 | 42 | 32 |
| R-143 | 29 | 64 | 50 |



Technische Daten:

| Kupplung ND Bezeichnung | max. Drehmoment [Nm] | max. Leistung [kW] bei U/min | | | | max. Achsabweichung | | |
|-------------------------------|----------------------------|---------------------------------|------|------|------|---------------------|-------------|------------|
| | | 750 | 1000 | 1500 | 3000 | Grad | Radial [mm] | Axial [mm] |
| ND 48 | 6,86 | 0,54 | 0,72 | 1,1 | 2,1 | 2° | 0,4 | 1 |
| ND 65 | 38,2 | 3 | 4 | 6 | 12 | | 0,5 | 1,6 |
| ND 86 | 87,3 | 6,84 | 9,12 | 13,7 | 27,3 | | 0,5 | 1,8 |
| ND 108 | 210 | 16,5 | 22 | 33 | 65,8 | | 0,6 | 2 |
| ND 143 | 725 | 57 | 76 | 144 | 228 | | 0,6 | 2 |

beide Kupplungshälften können die angegebene Achsabweichung von 2° kompensieren

| Elektromotor ¹⁾ | | Kupplung gesamt | Kupplung - Motor | Abmessungen [mm] | | | | | | | | Kupplung - Pumpe | Abmessungen [mm] | | | | | | Gummi- Stern |
|----------------------------|-----------------|--------------------|---------------------|------------------|-----|------|------|-----|----------|-----------------|-----------|---------------------|------------------|---------|------|------|------|-------|-----------------|
| kW | Baugröße | | | A | C | G | D | CH | T | L ²⁾ | B | | E | Welle | d | ch | t | | |
| 0,12 ÷ 0,18 | 63 | ND 03 | ND 48A | 48 | 30 | 19 | 11 | 4 | 12,5 | 52 | ND 48PU1P | 30 | 17 | kon 1:8 | 9,7 | 2,4 | 10,5 | R 42 | |
| | | ND 198 | | | | | | | | | ND 48PZB | | | kon 1:5 | 9,8 | 2,0 | 10,2 | | |
| 0,25÷ 0,37 | 71 | ND 2 | ND 48B | 48 | 30 | 29 | 14 | 5 | 16,0 | 62 | ND 48PU1P | 30 | 17 | kon 1:8 | 9,7 | 2,4 | 10,5 | R 42 | |
| | | ND 199 | | | | | | | | | ND 48PZB | | | kon 1:5 | 9,8 | 2,0 | 10,2 | | |
| 0,55 ÷ 0,75 | 80 | ND 05 A | ND 48CG45 | 48 | 38 | 45 | 19 | 6 | 21,5 | 78 | ND 48PU1P | 30 | 17 | kon 1:8 | 9,7 | 2,4 | 10,5 | R 42 | |
| | | ND 300 | | | | | | | | | ND 48PZB | | | kon 1:5 | 9,8 | 2,0 | 10,2 | | |
| | | ND 5 | ND 48C | 4 | 38 | 54 | 19 | 6 | 21,5 | 87 | ND 48PU1P | 34 | 21,5 | kon 1:8 | 9,7 | 2,4 | 10,5 | R 62 | |
| | | ND 200 | | | | | | | | | ND 48PZB | | | kon 1:5 | 9,8 | 2,0 | 10,2 | | |
| | | ND 7 | ND 65A | 65 | 42 | 47,5 | 19 | 6 | 21,5 | 116 | ND 65P2 | 55 | 48 | kon 1:8 | 17,2 | 3,2 | 18,5 | R 82 | |
| | | ND 202 | | | | | | | | | ND 65PZF | | | kon 1:5 | 16,9 | 3,0 | 17,7 | | |
| ND 50 A | ND 86HD20 | 86 | 55 | 48 | 19 | 6 | 21,5 | 116 | ND 86H3U | 30 | 17 | kon 1:8 | 22,2 | 4,0 | 28 | R 42 | | | |
| ND 50 D | | | | | | | | | ND 86HZG | | | kon 1:5 | 25,6 | 5,0 | 29 | | | | |
| 1,1 ÷ 1,5 | 90 | ND 70 A | ND 48D | 48 | 38 | 54 | 24 | 8 | 27,0 | 87 | ND 48PU1P | 30 | 17 | kon 1:8 | 9,7 | 2,4 | 15 | R 42 | |
| | | ND 70 D | | | | | | | | | ND 48PZB | | | kon 1:5 | 9,8 | 2,0 | 12 | | |
| | | ND 8 | ND 65B | 65 | 48 | 47,5 | 24 | 8 | 27,0 | 116 | ND 65PU1P | 34 | 21,5 | kon 1:8 | 9,7 | 2,4 | 15 | R 62 | |
| | | ND 201 | | | | | | | | | ND 65PZB | | | kon 1:5 | 9,8 | 2,0 | 12 | | |
| | | ND 10 | ND 65B | 65 | 48 | 47,5 | 24 | 8 | 27,0 | 107 | ND 65P2 | 55 | 48 | kon 1:8 | 17,2 | 3,2 | 23 | R 82 | |
| | | ND 203 | | | | | | | | | ND 65PZF | | | kon 1:5 | 16,9 | 3,0 | 19 | | |
| ND 51 A | ND 86HD31 | 86 | 55 | 48 | 24 | 8 | 27,0 | 116 | ND 86H3U | 30 | 17 | kon 1:8 | 22,2 | 4,0 | 28 | R 42 | | | |
| ND 51 D | | | | | | | | | ND 86HZG | | | kon 1:5 | 25,2 | 5,0 | 29 | | | | |
| 2,2 ÷ 4 | 100 ÷ 112 | ND 11 | ND 65C | 65 | 53 | 57,5 | 28 | 8 | 31,0 | 97 | ND 65PU1P | 34 | 21,5 | kon 1:8 | 9,7 | 2,4 | 10,5 | R 62 | |
| | | ND 13 | | | | | | | | | ND 65P2 | | | kon 1:8 | 17,2 | 3,2 | 18,5 | | |
| | | ND 204 | | | | | | | | | ND 65PZB | | | kon 1:5 | 9,8 | 2 | 1,2 | | |
| | | ND 206 | | | | | | | | | ND 65PZF | | | kon 1:5 | 16,9 | 3 | 17,7 | | |
| | | ND 61 | ND 65C | 65 | 53 | 57,5 | 28 | 8 | 31,0 | 107 | ND 65Q2 | 34 | 29,5 | kon 1:8 | 17,2 | 3,2 | 18,5 | R 82 | |
| | | ND 61 C | | | | | | | | | ND 65Q3U | | | kon 1:8 | 22,2 | 4 | 23,6 | | |
| | | ND 61 D | | | | | | | | | ND 65QZF | | | kon 1:5 | 16,9 | 3 | 17,7 | | |
| | | ND 61 E | | | | | | | | | ND 86QZG | | | kon 1:5 | 25,2 | 5 | 26,3 | | |
| | | ND 14 | ND 86A | 86 | 55 | 60 | 28 | 8 | 31,0 | 176 | ND 86P2 | 48 | 27 | kon 1:8 | 17,2 | 3,2 | 18,5 | R 82 | |
| | | ND 15 | | | | | | | | | ND 86P3U | | | kon 1:8 | 22,2 | 4 | 23,6 | | |
| ND 208 | ND 86PZF | kon 1:5 | | | | | | | | | 16,9 | | | 3 | 17,7 | | | | |
| ND 209 | NF 86PZG | kon 1:5 | | | | | | | | | 25,2 | | | 5 | 26,3 | | | | |
| 5,5 ÷ 9 | 132 | ND 900 | ND 86B | 86 | 73 | 88 | 38 | 10 | 41,0 | 135 | ND 86PU1P | 48 | 27 | kon 1:8 | 9,7 | 2,4 | 10,5 | R 82 | |
| | | ND 16 | | | | | | | | | ND 86P2 | | | kon 1:8 | 17,2 | 3,2 | 18,5 | | |
| | | ND 17 | | | | | | | | | ND 86P3U | | | kon 1:8 | 22,2 | 4 | 23,6 | | |
| | | ND 210 | | | | | | | | | ND 86PZF | | | kon 1:5 | 16,9 | 3 | 17,7 | | |
| | | ND 211 | | | | | | | | | ND 86PZG | | | kon 1:5 | 25,2 | 5 | 26,3 | | |
| 11 ÷ 15 | 160 | ND 43 A | ND 108B | 108 | 84 | 110 | 42 | 12 | 45,1 | 168 | ND 108P2 | 64 | 34 | kon 1:8 | 17,2 | 3,2 | 18,5 | R 103 | |
| | | ND 43 C | | | | | | | | | ND 108P3U | | | kon 1:8 | 22,2 | 4 | 23,6 | | |
| | | ND 43 D | | | | | | | | | ND 108PZF | | | kon 1:5 | 16,9 | 3 | 17,7 | | |
| | | ND 43 E | | | | | | | | | ND 108PZG | | | kon 1:5 | 25,2 | 5 | 26,3 | | |
| | | ND 22 | | | | | | | | | ND 108Q4 | | | kon 1:8 | 33,3 | 7 | 35,5 | | |
| 18,5 ÷ 22 | 180 | ND 44 A | ND 108C | 108 | 100 | 110 | 48 | 14 | 51,5 | 168 | ND 108P2 | 64 | 34 | kon 1:8 | 17,2 | 3,2 | 18,5 | R 103 | |
| | | ND 44 C | | | | | | | | | ND 108P3U | | | kon 1:8 | 22,2 | 4 | 23,6 | | |
| | | ND 44 D | | | | | | | | | ND 108PZF | | | kon 1:5 | 16,9 | 3 | 17,7 | | |
| | | ND 44 E | | | | | | | | | ND 108PZG | | | kon 1:5 | 25,2 | 5 | 26,3 | | |
| | | ND 26 | | | | | | | | | ND 108Q4 | | | kon 1:8 | 33,3 | 7 | 35,5 | | |
| 30 | 200 | ND 40 | ND 108D | 108 | 100 | 110 | 55 | 16 | 58,8 | 176 | ND 108Q3U | 64 | 42 | kon 1:8 | 22,2 | 4 | 23,6 | R 103 | |
| | | ND 42 | | | | | | | | | ND 108Q4 | | | kon 1:8 | 33,3 | 7 | 35,5 | | |
| | | ND 299 | | | | | | | | | ND 108QZG | | | kon 1:5 | 25,2 | 5 | 26,3 | | |
| 37 ÷ 45 | 225 | ND 32 | ND 143C | 143 | 137 | 140 | 60 | 18 | 58,8 | 206 | ND 143P3U | 75 | 37 | kon 1:8 | 22,2 | 4 | 23,6 | R132 | |
| | | ND 33 | | | | | | | | | ND 143PZG | | | kon 1:5 | 25,2 | 5 | 26,3 | | |
| | | ND 31 | | | | | | | | | ND 143P4 | | | kon 1:8 | 33,3 | 7 | 35,5 | | |

1) angegebene Leistungen bei 4-poligen E-Motor mit n=1450 U/min

2) Geamtlänge der zusammengebauten Kupplung

Tel.: 02266/67516 Fax.: 02266/67518-22

e-mail: hydro-cardan@aon.at

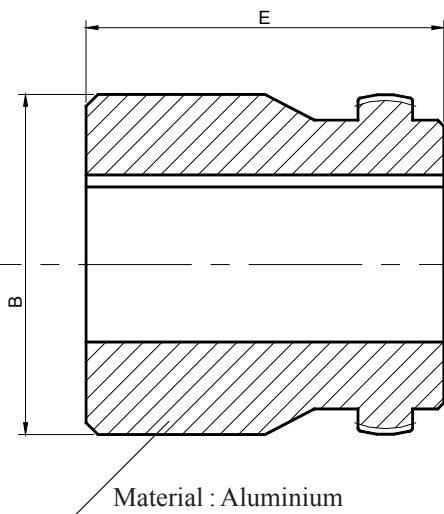
Internet: www.hydro-cardan.at



Kupplung:

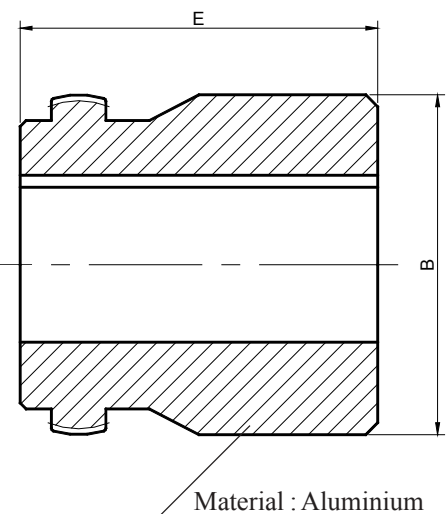
OMT

Kupplung motorseitig

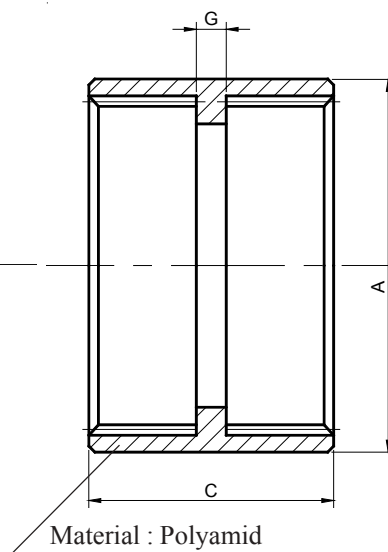


Material : Aluminium

Kupplung pumpenseitig

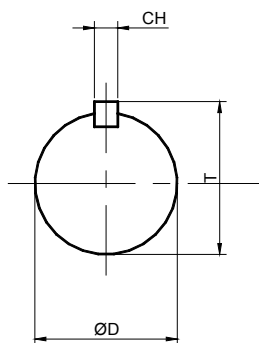


Material : Aluminium

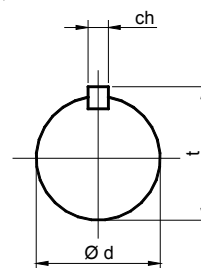


Material : Polyamid

Welle - Motor



Welle - Pumpe



Technische Daten:

| Kupplung ND Bezeichnung | max. Drehmoment [Nm] | max. Leistung [kW] bei U/min | | | | max. Achsabweichung | | |
|-------------------------------|----------------------------|---------------------------------|------|------|------|---------------------|-------------|------------|
| | | 750 | 1000 | 1500 | 3000 | Grad | Radial [mm] | Axial [mm] |
| OMT 1 | 19,62 | 1,55 | 2 | 3 | 6,1 | 2° | 0,14 | 1 |
| OMT 2 | 42,2 | 3,3 | 4,41 | 6,6 | 13,3 | | 0,5 | |
| OMT 3 | 112,8 | 9,1 | 12,2 | 17,7 | 35,4 | | 0,6 | |
| OMT 4 | 186,4 | 14 | 19,5 | 29,2 | 58,5 | | | |
| OMT 5 | 269,8 | 21,2 | 28,2 | 42,3 | 84,5 | | | |
| OMT 6 | 412 | 32,8 | 43 | 64,7 | 130 | | | |

beide Kupplungshälften können die angegebene Achsabweichung von 2° kompensieren

| Elektromotor ¹⁾ | | Kupplung | Kupplung | Abmessungen [mm] | | | | | | | Kupplung | Abmessungen [mm] | | | | | | Polyamid- |
|----------------------------|-----------------|------------|-------------|------------------|----|---|----|----|------|-----------------|-------------|------------------|-----|---------|------------------|------------------|------|-----------|
| kW | Baugröße | gesamt | - Motor | A | C | G | D | CH | T | L ²⁾ | - Pumpe | B | E | Welle | d | ch | t | ring |
| 0,12 ÷ 0,18 | 63 | AGN 03 | OMT 1023C02 | 40 | 40 | 4 | 11 | 4 | 12,5 | 50 | OMT 1023U1P | 23 | 30 | kon 1:8 | 9,7 | 2,4 | 10,5 | POL-1 |
| | | OMT 1023ZB | | | | | | | | | kon 1:5 | | | 9,8 | 2,0 | 10,2 | | |
| 0,25÷ 0,37 | 71 | AGN 2 | OMT 1030C07 | 40 | 40 | 4 | 14 | 5 | 16,0 | 57 | OMT 1023U1P | 23 | 30 | kon 1:8 | 9,7 | 2,4 | 10,5 | POL-1 |
| | | OMT 1023ZB | | | | | | | | | kon 1:5 | | | 9,8 | 2,0 | 10,2 | | |
| 0,55 ÷ 0,75 | 80 | AGN 5 | OMT 2033C20 | 55 | 42 | 4 | 19 | 6 | 21,5 | 70 | OMT 2033U1P | 45 | 40 | kon 1:8 | 9,7 | 2,4 | 10,5 | POL-2 |
| | | OMT 2033ZB | | | | | | | | | kon 1:5 | | | 9,8 | 2,0 | 10,2 | | |
| | | OMT 2033U2 | | | | | | | | | kon 1:8 | | | 17,2 | $\frac{3,2}{4}$ | 18,5 | | |
| | | OMT 2033ZF | | | | | | | | | kon 1:5 | | | 16,9 | 3,0 | 17,7 | | |
| 1,1 ÷ 1,5 | 90 | AGN 8 | OMT 2033C31 | 55 | 42 | 4 | 24 | 8 | 27,0 | 70 | OMT 2033U1P | 45 | 50 | kon 1:8 | 9,7 | 2,4 | 15 | POL-2 |
| | | OMT 2033ZB | | | | | | | | | kon 1:5 | | | 9,8 | 2,0 | 12 | | |
| | | OMT 2033U2 | | | | | | | | | kon 1:8 | | | 17,2 | $\frac{3,2}{4}$ | 23 | | |
| | | OMT 2033ZF | | | | | | | | | kon 1:5 | | | 16,9 | 3,0 | 19 | | |
| 2,2 ÷ 4 | 100 ÷ 112 | AGN 11 | OMT 3040C36 | 70 | 45 | 4 | 28 | 8 | 31,0 | 74 | OMT 3030U1P | 57 | 60 | kon 1:8 | 9,7 | 2,4 | 10,5 | POL-3 |
| | | OMT 3030U2 | | | | | | | | | kon 1:8 | | | 17,2 | $\frac{3,2}{4}$ | 18,5 | | |
| | | OMT 3030ZB | | | | | | | | | kon 1:5 | | | 9,8 | 2 | 1,2 | | |
| | | OMT 3030ZF | | | | | | | | | kon 1:5 | | | 16,9 | 3 | 17,7 | | |
| 5 ÷ 9 | 132 | AGN 13A | OMT 3040C36 | 70 | 45 | 4 | 28 | 8 | 31,0 | 84 | OMT 3040U2 | 57 | 60 | kon 1:8 | 17,2 | $\frac{3,2}{4}$ | 18,5 | POL-3 |
| | | OMT 3040U3 | | | | | | | | | kon 1:8 | | | 22,2 | 4 | 23,6 | | |
| | | OMT 3040ZF | | | | | | | | | kon 1:5 | | | 16,9 | 3 | 17,7 | | |
| | | OMT 3040ZG | | | | | | | | | kon 1:5 | | | 25,2 | 5 | 26,3 | | |
| 11 ÷ 15 | 160 | AGN 15A | OMT 4050C47 | 86 | 48 | 4 | 38 | 10 | 41,0 | 104 | OMT 4050U2 | 69 | 80 | kon 1:8 | 17,2 | $\frac{3,2}{4}$ | 18,5 | POL-4 |
| | | OMT 4050U3 | | | | | | | | | kon 1:8 | | | 22,2 | 4 | 23,6 | | |
| | | OMT 4050ZF | | | | | | | | | kon 1:5 | | | 16,9 | 3 | 17,7 | | |
| | | OMT 4050ZG | | | | | | | | | kon 1:5 | | | 25,2 | 5 | 26,3 | | |
| 18,5 ÷ 22 | 180 | AGN 19A | OMT 5060C51 | 102 | 50 | 4 | 42 | 12 | 45,1 | 124 | OMT 5060U2 | 81 | 110 | kon 1:8 | 17,2 | $\frac{3,2}{4}$ | 18,5 | POL-5 |
| | | OMT 5060U3 | | | | | | | | | kon 1:8 | | | 22,2 | 4 | 23,6 | | |
| | | OMT 5060ZF | | | | | | | | | kon 1:5 | | | 16,9 | 3 | 17,7 | | |
| | | OMT 5060ZG | | | | | | | | | kon 1:5 | | | 25,2 | 5 | 26,3 | | |
| | | OMT 5060U4 | | | | | | | | | kon 1:8 | | | 33,3 | $\frac{7}{6,35}$ | 35,5 | | |
| 30 | 200 | AGN 20 | OMT 5060C54 | 102 | 50 | 4 | 48 | 14 | 51,5 | 124 | OMT 5060U2 | 81 | 110 | kon 1:8 | 17,2 | $\frac{3,2}{4}$ | 18,5 | POL-5 |
| | | OMT 5060U3 | | | | | | | | | kon 1:8 | | | 22,2 | 4 | 23,6 | | |
| | | OMT 5060ZF | | | | | | | | | kon 1:5 | | | 16,9 | 3 | 17,7 | | |
| | | OMT 5060ZG | | | | | | | | | kon 1:5 | | | 25,2 | 5 | 26,3 | | |
| | | OMT 5060U4 | | | | | | | | | kon 1:8 | | | 33,3 | $\frac{7}{6,35}$ | 35,5 | | |
| 27÷ 45 | 225 | AGN 21 | OMT 6062U3 | 150 | 72 | 8 | 55 | 16 | 58,8 | 150,5 | OMT 6062U3 | 99 | 110 | kon 1:8 | 22,2 | 4 | 23,6 | POL-6 |
| | | OMT 6062U4 | | | | | | | | | kon 1:8 | | | 33,3 | $\frac{7}{6,35}$ | 35,5 | | |
| | | OMT 6062ZG | | | | | | | | | kon 1:5 | | | 25,2 | 5 | 26,3 | | |
| | | AGN 214 | OMT 6080C56 | 150 | 72 | 8 | 60 | 18 | 58,8 | 150,5 | OMT 6062U4 | 99 | 140 | kon 1:8 | 33,3 | $\frac{7}{6,35}$ | 35,5 | POL-6 |

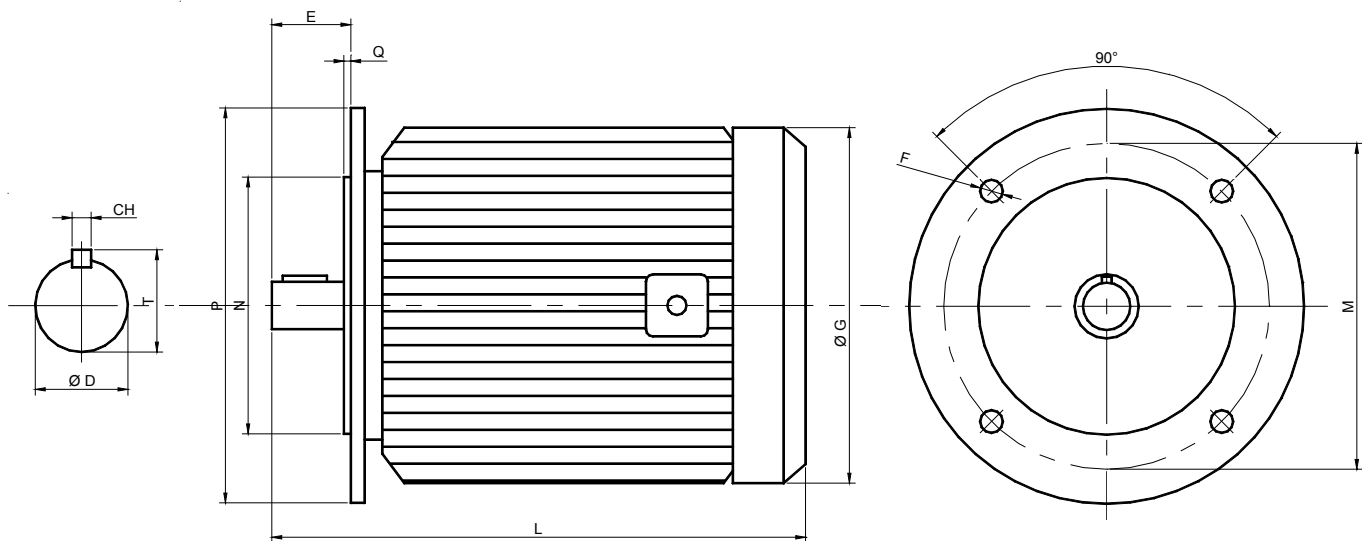
1) angegebene Leistungen bei 4-poligen E-Motor mit n=1450 U/min

2) Geamtlänge der zusammengebauten Kupplung

weiter Kupplungen auf Anfrage möglich

Elektromotor:

B3 - B5



B5 ... Ausführung mit Flansch

B3 ... Ausführung mit Fuß

| Bau- größe | 2-polig 2900 U/min kW | 4-polig 1450 U/min kW | 6-polig 960 U/min kW | 8-polig 720 U/min kW | Abmessungen [mm]: Flansch | | | | | | Abmessungen [mm]: Welle | | | | | | | |
|---------------|-----------------------------|-----------------------------|----------------------------|----------------------------|------------------------------|-----|-----|-----|----|-------|----------------------------|-------|-----|----|------|------|----|------|
| | | | | | P | M | N | Q | F | L | G | D | E | ch | t | | | |
| 63 | 0,18 | 0,12 | 0,09 | 0,04 | 140 | 115 | 95 | 3,5 | 10 | 205 | 118 | 11 | 23 | 4 | 12,5 | | | |
| | 0,25 | 0,18 | 0,12 | - | | | | | | | | | | | | | | |
| 71 | 0,37 | 0,25 | 0,18 | 0,09 | 160 | 130 | 110 | 3,5 | 10 | 231 | 132 | 14 | 30 | 5 | 16 | | | |
| | 0,55 | 0,37 | 0,25 | 0,12 | | | | | | | | | | | | | | |
| 80 | 0,75 | 0,55 | 0,37 | 0,18 | 200 | 165 | 130 | 3,5 | 12 | 268 | 154 | 19 | 40 | 6 | 21,5 | | | |
| | 1,1 | 0,75 | 0,55 | 0,25 | | | | | | | | | | | | | | |
| 90 | 1,5 | 1,1 | 0,75 | 0,37 | 250 | 215 | 180 | 4 | 15 | 292 | 172 | 24 | 50 | 8 | 27 | | | |
| | 2,2 | 1,5 | 1,1 | 0,55 | | | | | | 312 | | | | | | | | |
| 100 | 3 | 2,2 | 1,5 | 0,75 | 250 | 215 | 180 | 4 | 15 | 383 | 198 | 28 | 60 | 8 | 31 | | | |
| | 3 | 3 | | 1,1 | | | | | | 383 | | | | | | | | |
| 112 | 4 | 4 | 2,2 | 1,5 | 300 | 265 | 230 | 4 | 15 | 426 | 240 | 28 | 60 | 8 | 31 | | | |
| 132 | 5,5 | 5,5 | 3 | 2,2 | | | | | | 483 | | | | | | 280 | 38 | 80 |
| | 9 | 9 | 5,5 | 3 | 521 | | | | | | | | | | | | | |
| 160 | 11 | 11 | 7,5 | 4 | 350 | 300 | 250 | 5 | 19 | 618 | 324 | 42 | 110 | 12 | 45,1 | | | |
| | 18,5 | 15 | 11 | 7,5 | | | | | | 662 | | | | | | | | |
| 180 | 22 | 18,5 | 15 | 11 | 400 | 350 | 300 | 5 | 19 | 672 | 364 | 48 | 110 | 14 | 51,5 | | | |
| | - | 22 | | | | | | | | 710 | | | | | | | | |
| 200 | 30 | 30 | 18,5 | 15 | 400 | 350 | 300 | 5 | 19 | 736,5 | 416 | 55 | 110 | 16 | 58,8 | | | |
| | 37 | | 22 | | | | | | | 796,5 | | | | | | | | |
| 225 | 45 | - | - | - | 450 | 400 | 350 | 5 | 19 | 823 | 485 | 60 | 140 | 18 | 64,2 | | | |
| | - | 37 | 30 | 18,5 | | | | | | 793 | | 55 | | | | 110 | 16 | 58,8 |
| | - | 45 | | 22 | | | | | | 823 | | 60 | | | | 140 | 18 | 64,2 |
| 250 | 55 | - | - | - | 550 | 500 | 450 | 5 | 19 | 874,5 | 485 | 60 | 140 | 18 | 64,2 | | | |
| | - | 55 | 37 | 30 | | | | | | 892,5 | | 65 | | | 18 | 69,2 | | |
| 280 | 75 | - | - | - | 550 | 500 | 450 | 5 | 19 | 892,5 | 570 | 75 | 140 | 18 | 69,2 | | | |
| | 90 | - | - | - | | | | | | | | 977,5 | | 65 | 20 | 79,6 | | |
| | - | 75 | 45 | 37 | | | | | | - | | 65 | | 18 | 69,2 | | | |
| 315 S | 110 | - | - | - | 660 | 600 | 550 | 6 | 22 | k.A. | k.A. | 65 | 140 | 18 | 69,2 | | | |
| | - | 110 | 75 | 55 | | | | | | k.A. | k.A. | 80 | | | | 170 | 22 | 85,4 |
| | - | | 90 | | | | | | | k.A. | k.A. | | | | | | | |

weitere Baugrößen und Bautypen auf Anfrage möglich

