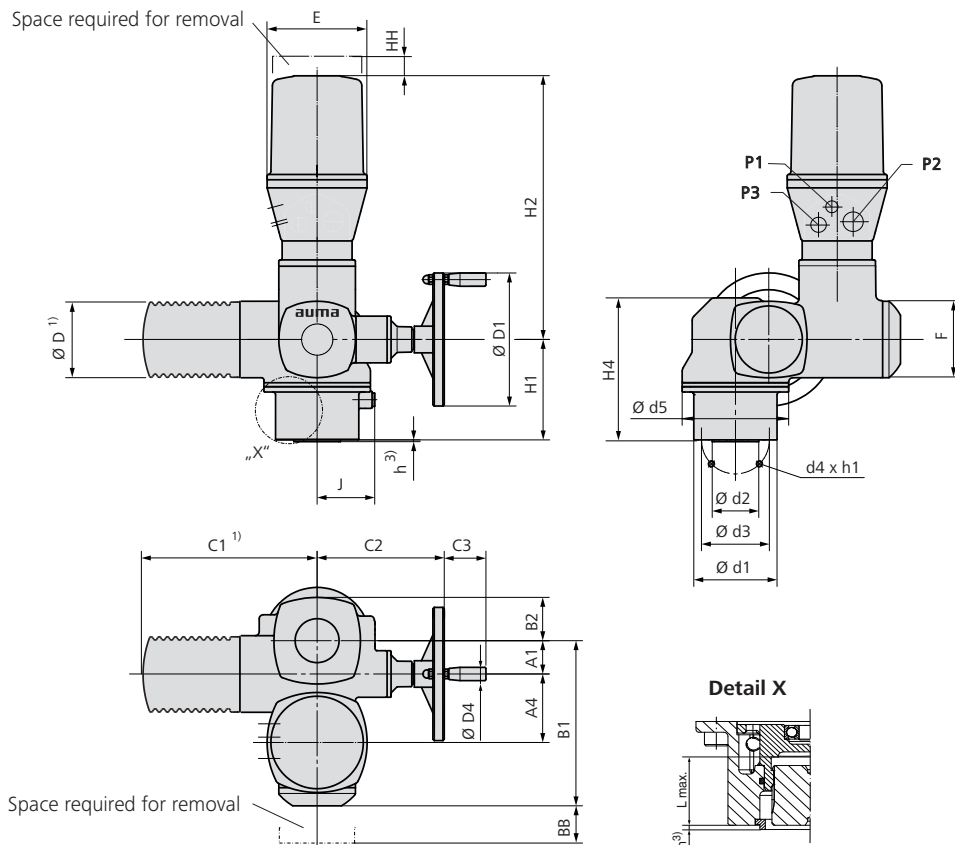


**Dimensions Part-turn actuators**

With AUMA 3-phase AC motor and Ex plug/socket connector with terminal blocks (KES)



- 1) Exact dimension depending on motor used
- 2) Standard, other threads on request
- 3) Allowance for spigot is not available as standard.  
The spigot ring is a separate component, available as option
- 4) Combined flange F05/F07 without spigot (standard).  
As an alternative an individual flange F07 can be ordered with spigot

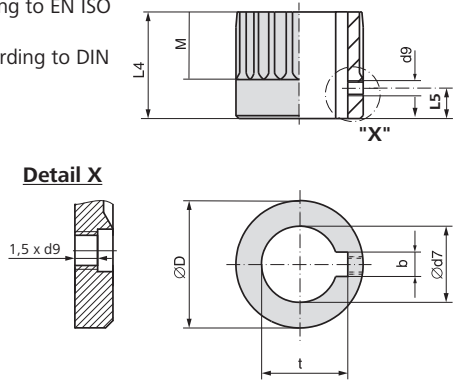
**Output drives according to EN ISO 5211**  
For dimensions see overleaf

| Dimensions        | SQEx 05.2         |                   | SQEx 07.2         |                   |         | SQEx 10.2 |           | SQEx 12.2 |           | SQEx 14.2 |           |
|-------------------|-------------------|-------------------|-------------------|-------------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|
|                   | F05 <sup>4)</sup> | F07 <sup>4)</sup> | F05 <sup>4)</sup> | F07 <sup>4)</sup> | F10     | F10       | F12       | F12       | F14       | F14       | F16       |
| EN ISO 5211       |                   |                   |                   |                   |         |           |           |           |           |           |           |
| A1                |                   |                   | 40                |                   |         |           | 50        |           | 50        |           | 50        |
| A4                |                   |                   | 103               |                   |         |           | 103       |           | 103       |           | 103       |
| B1                |                   |                   | 245               |                   |         |           | 255       |           | 255       |           | 255       |
| B2                |                   |                   | 50                |                   |         |           | 65        |           | 65        |           | 65        |
| C1 <sup>1)</sup>  |                   |                   | 268               |                   |         |           | 268       |           | 268       |           | 268       |
| C2                |                   |                   | 186               |                   |         |           | 191       |           | 191       |           | 191       |
| C3                |                   |                   | 63                |                   |         |           | 63        |           | 63        |           | 63        |
| Ø D <sup>1)</sup> |                   |                   | 104               |                   |         |           | 104       |           | 104       |           | 104       |
| Ø D1              |                   |                   | 160               |                   |         |           | 200       |           | 200       |           | 200       |
| Ø D4              |                   |                   | 20                |                   |         |           | 20        |           | 20        |           | 20        |
| E                 |                   |                   | 150               |                   |         |           | 150       |           | 150       |           | 150       |
| F                 |                   |                   | 115               |                   |         |           | 115       |           | 115       |           | 115       |
| H1                | 134               |                   |                   | 134               | 160     | 151       | 183       | 175       | 215       | 210       | 260       |
| H2                |                   |                   | 395               |                   |         |           | 395       |           | 395       |           | 395       |
| H4                | 193               |                   |                   | 193               | 218     | 214       | 246       | 238       | 278       | 273       | 323       |
| J                 |                   |                   | 69                |                   |         |           | 86        |           | 109       |           | 128       |
| L max.            | 40                |                   |                   | 40                | 66      | 50        | 82        | 61        | 101       | 75        | 125       |
| P1 <sup>2)</sup>  |                   |                   | M20 x 1.5         |                   |         |           | M20 x 1.5 |           | M20 x 1.5 |           | M20 x 1.5 |
| P2 <sup>2)</sup>  |                   |                   | M32 x 1.5         |                   |         |           | M32 x 1.5 |           | M32 x 1.5 |           | M32 x 1.5 |
| P3 <sup>2)</sup>  |                   |                   | M25 x 1.5         |                   |         |           | M25 x 1.5 |           | M25 x 1.5 |           | M25 x 1.5 |
| BB min.           |                   |                   | 180               |                   |         |           | 180       |           | 180       |           | 180       |
| HH min.           |                   |                   | 130               |                   |         |           | 130       |           | 130       |           | 130       |
| Ø d1              | 90                |                   |                   | 90                | 125     | 125       | 150       | 150       | 175       | 175       | 210       |
| Ø d2              |                   |                   |                   |                   | 70      | 70        | 85        | 85        | 100       | 100       | 130       |
| Ø d3              | 50                | 70                | 50                | 70                | 102     | 102       | 125       | 125       | 140       | 140       | 165       |
| d4                | 4 x M6            | 4 x M8            | 4 x M6            | 4 x M8            | 4 x M10 | 4 x M10   | 4 x M12   | 4 x M12   | 4 x M16   | 4 x M16   | 4 x M20   |
| Ø d5              |                   |                   | 125               |                   |         |           | 160       |           | 210       |           | 225       |
| h <sup>3)</sup>   |                   |                   |                   |                   | 2.5     |           | 2.5       |           | 2.5       | 3.5       | 4.5       |
| h1                | 12                | 15                | 12                | 15                | 16      | 18        | 19        | 22        | 25        | 29        | 32        |

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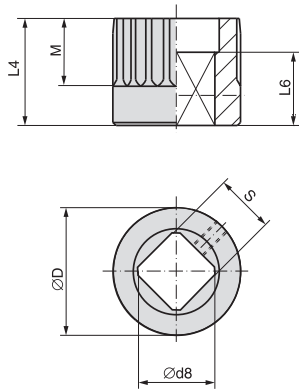
Dimensions Couplings according to EN ISO 5211

Bore according to EN ISO 5211 with keyway according to DIN 6885-1



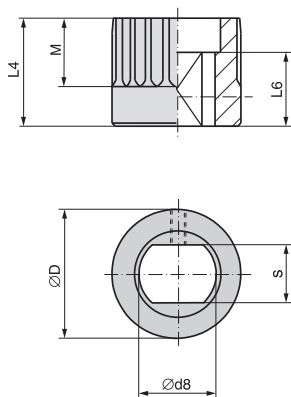
| SQ../SQR..            | 05.2  |       | 07.2  |       | 10.2  |       | 12.2 |      | 14.2 |      |
|-----------------------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| EN ISO 5211           | F05   | F07   | F07   | F10   | F10   | F12   | F12  | F14  | F14  | F16  |
| Ø D                   | 41.75 | 41.75 | 41.75 | 51.75 | 51.75 | 51.75 | 67.6 | 67.6 | 81.6 | 81.6 |
| b JS9 <sup>1)</sup>   | 6     | 6     | 6     | 8     | 8     | 8     | 10   | 10   | 14   | 14   |
| Ø d7 H8 <sup>2)</sup> | 18    | 22    | 22    | 28    | 28    | 28    | 36   | 36   | 48   | 48   |
| Ø d7 max.             | 25.4  | 25.4  | 25.4  | 38    | 38    | 38    | 50   | 50   | 60   | 60   |
| d9 <sup>3)</sup>      | M5    | M5    | M5    | M6    | M6    | M6    | M6   | M6   | M6   | M6   |
| L4                    | 35    | 35    | 60    | 45    | 75    | 75    | 55   | 95   | 65   | 115  |
| L5 <sup>3)</sup>      | 8     | 8     | 8     | 10    | 10    | 10    | 10   | 10   | 10   | 10   |
| M                     | 20    | 20    | 20    | 30    | 30    | 30    | 40   | 40   | 47   | 40   |
| t <sup>1)</sup>       | 20.8  | 24.8  | 24.8  | 31.3  | 31.3  | 31.3  | 39.3 | 39.3 | 51.8 | 51.8 |

Square bore according to EN ISO 5211



| SQ../SQR..              | 05.2  |       | 07.2  |                    | 10.2               |                    | 12.2 |      | 14.2 |      |
|-------------------------|-------|-------|-------|--------------------|--------------------|--------------------|------|------|------|------|
| EN ISO 5211             | F05   | F07   | F07   | F10                | F10                | F12                | F12  | F14  | F14  | F16  |
| Ø D                     | 41.75 | 41.75 | 41.75 | 51.75              | 51.75              | 51.75              | 67.6 | 67.6 | 81.6 | 81.6 |
| Ø d8 min. <sup>2)</sup> | 18.1  | 22.2  | 22.2  | 28.2               | 28.2               | 28.2               | 36.2 | 36.2 | 48.2 | 48.2 |
| Ø d8 max.               | 28.2  | 28.2  | 28.2  | 40.2 <sup>4)</sup> | 40.2 <sup>4)</sup> | 40.2 <sup>4)</sup> | 48.2 | 48.2 | 60.2 | 60.2 |
| L4                      | 35    | 35    | 60    | 45                 | 75                 | 75                 | 55   | 95   | 65   | 115  |
| L6 min.                 | 30    | 30    | 30    | 30                 | 30                 | 30                 | 30   | 30   | 40   | 40   |
| M                       | 20    | 20    | 20    | 30                 | 30                 | 30                 | 40   | 40   | 47   | 40   |
| s H11 <sup>2)</sup>     | 14    | 17    | 17    | 22                 | 22                 | 22                 | 27   | 27   | 36   | 36   |
| s H11 max.              | 22    | 22    | 22    | 30 <sup>4)</sup>   | 30 <sup>4)</sup>   | 30 <sup>4)</sup>   | 36   | 36   | 46   | 46   |

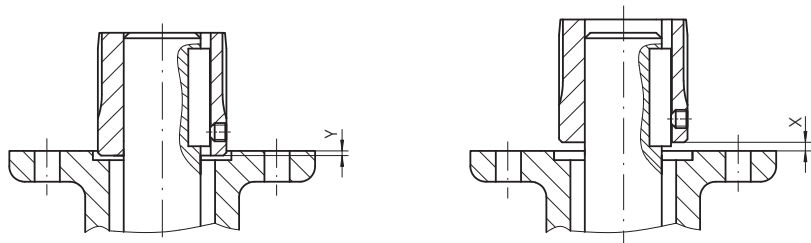
Two-flat according to EN ISO 5211



| SQ../SQR..              | 05.2  |       | 07.2  |       | 10.2  |       | 12.2                     |                          | 14.2 |      |
|-------------------------|-------|-------|-------|-------|-------|-------|--------------------------|--------------------------|------|------|
| EN ISO 5211             | F05   | F07   | F07   | F10   | F10   | F12   | F12                      | F14                      | F14  | F16  |
| Ø D                     | 41.75 | 41.75 | 41.75 | 51.75 | 51.75 | 51.75 | 67.6                     | 67.6                     | 81.6 | 81.6 |
| Ø d8 min. <sup>2)</sup> | 18.1  | 22.2  | 22.2  | 28.2  | 28.2  | 28.2  | 36.2                     | 36.2                     | 48.2 | 48.2 |
| Ø d8 max.               | 28.2  | 28.2  | 28.2  | 36.2  | 36.2  | 36.2  | 48.2 (48 <sup>5)</sup> ) | 48.2 (48 <sup>5)</sup> ) | 60.2 | 60.2 |
| L4                      | 35    | 35    | 60    | 45    | 75    | 75    | 55                       | 95                       | 65   | 115  |
| L6 min.                 | 25    | 25    | 25    | 25    | 25    | 25    | 30                       | 30                       | 40   | 40   |
| M                       | 20    | 20    | 20    | 30    | 30    | 30    | 40                       | 40                       | 47   | 40   |
| s H11 <sup>2)</sup>     | 14    | 17    | 17    | 22    | 22    | 22    | 27                       | 27                       | 36   | 36   |
| s H11 max.              | 22    | 22    | 22    | 27    | 27    | 27    | 36 (41 <sup>5)</sup> )   | 36 (41 <sup>5)</sup> )   | 46   | 46   |

Mounting position of the coupling within fitting dimensions according to AUMA definition

|        |   |   |    |    |
|--------|---|---|----|----|
| X max. | 3 | 4 | 5  | 8  |
| Y max. | 2 | 5 | 10 | 10 |



- 1) Dimensions depend on Ø d7, refer to DIN 6885-1
- 2) Recommended size according to EN ISO 5211
- 3) Thread with grub screw
- 4) According to DIN 79
- 5) According to DIN 475

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