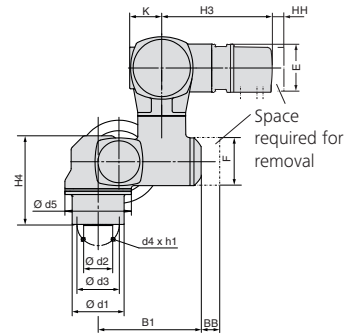
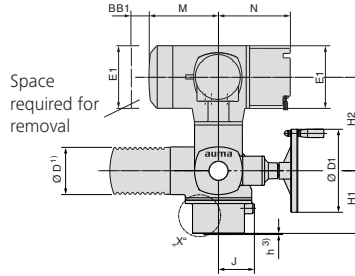
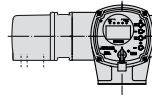
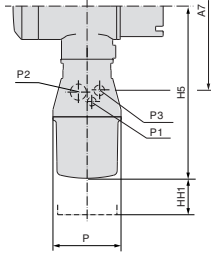


**Dimensions Part-turn actuators with ACEXC actuator controls (also for fieldbus & HART)**

With AUMA 3-phase motor and explosion-proof plug/socket connector

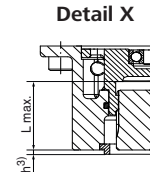
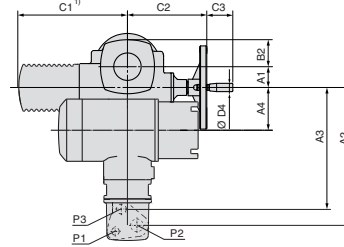
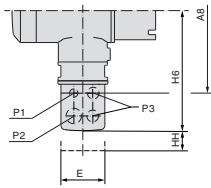
**Option KS (KES):**

Plug/socket connector with terminal blocks



**Option KH (KPH):**

Plug/socket connector with screw-type terminals



- 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

**Standard KP:**

Plug/socket connector with screw-type terminals

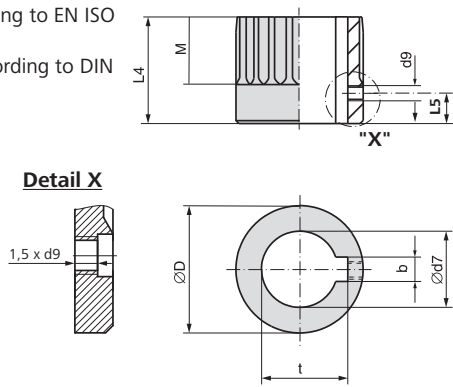
**Output drives according to EN ISO 5211**  
For dimensions see overleaf

| Dimensions        | SQEx 05.2/ACEXC 01.2 |                   | SQEx 07.2/ACEXC 01.2 |                   | SQEx 10.2/ACEXC 01.2 |         | SQEx 12.2/ACEXC 01.2 |         | SQEx 14.2/ACEXC 01.2 |         |         |           |
|-------------------|----------------------|-------------------|----------------------|-------------------|----------------------|---------|----------------------|---------|----------------------|---------|---------|-----------|
|                   | EN ISO 5211          | F05 <sup>4)</sup> | F07 <sup>4)</sup>    | F05 <sup>4)</sup> | F07 <sup>4)</sup>    | F10     | F10                  | F12     | F12                  | F14     | F14     | F16       |
| A1                |                      |                   | 40                   |                   |                      |         | 50                   |         | 50                   |         |         | 50        |
| A2                |                      |                   | 334                  |                   |                      |         | 334                  |         | 334                  |         |         | 334       |
| A3                |                      |                   | 294                  |                   |                      |         | 294                  |         | 294                  |         |         | 294       |
| A4                |                      |                   | 103                  |                   |                      |         | 103                  |         | 103                  |         |         | 103       |
| A7                |                      |                   | 287                  |                   |                      |         | 287                  |         | 287                  |         |         | 287       |
| A8                |                      |                   | 320                  |                   |                      |         | 320                  |         | 320                  |         |         | 320       |
| 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                 |                      |                   | 115                  |                   |                      |         | 115                  |         | 115                  |         |         | 115       |
| E1                |                      |                   | 154                  |                   |                      |         | 154                  |         | 154                  |         |         | 154       |
| F                 |                      |                   | 115                  |                   |                      |         | 115                  |         | 115                  |         |         | 115       |
| H1                |                      | 134               |                      | 134               | 160                  | 151     | 183                  | 175     | 215                  | 210     |         | 260       |
| H2                |                      |                   | 235                  |                   |                      |         | 235                  |         | 235                  |         |         | 235       |
| H3                |                      |                   | 267                  |                   |                      |         | 267                  |         | 267                  |         |         | 267       |
| H4                |                      | 193               |                      | 193               | 218                  | 214     | 246                  | 238     | 278                  | 273     |         | 323       |
| H5                |                      |                   | 404                  |                   |                      |         | 404                  |         | 404                  |         |         | 404       |
| H6                |                      |                   | 292                  |                   |                      |         | 292                  |         | 292                  |         |         | 292       |
| J                 |                      |                   | 69                   |                   |                      |         | 86                   |         | 109                  |         |         | 128       |
| K                 |                      |                   | 78                   |                   |                      |         | 78                   |         | 78                   |         |         | 78        |
| L max.            |                      | 40                |                      | 40                | 66                   | 50      | 82                   | 61      | 101                  | 75      |         | 125       |
| M                 |                      |                   | 199                  |                   |                      |         | 199                  |         | 199                  |         |         | 199       |
| N                 |                      |                   | 171                  |                   |                      |         | 171                  |         | 171                  |         |         | 171       |
| P                 |                      |                   | 150                  |                   |                      |         | 150                  |         | 150                  |         |         | 150       |
| 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       |
| BB1 min.          |                      |                   | 75                   |                   |                      |         | 75                   |         | 75                   |         |         | 75        |
| HH min.           |                      |                   | 60                   |                   |                      |         | 60                   |         | 60                   |         |         | 60        |
| HH1 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     | 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     | 3.5     | 4.5       |
| h1                |                      | 12                | 15                   | 12                | 15                   | 16      | 18                   | 19      | 22                   | 25      | 29      | 32        |

We reserve the right to alter data according to improvements made. Previous documents become invalid with the issue of this document.

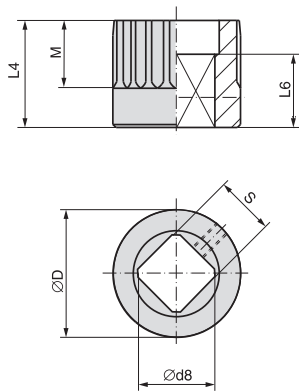
Dimensions Couplings according to EN ISO 5211

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



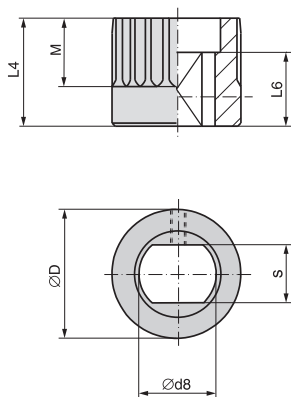
| SQ../SQR..            | 05.2  |       | 07.2  |       | 10.2  |      | 12.2 |      | 14.2 |      |
|-----------------------|-------|-------|-------|-------|-------|------|------|------|------|------|
| EN ISO 5211           | F05   | F07   | F07   | F10   | F10   | F12  | F12  | F14  | F14  | F16  |
| Ø D                   | 41.75 | 41.75 | 41.75 | 51.75 | 51.75 | 67.6 | 67.6 | 81.6 | 81.6 | 81.6 |
| b JS9 <sup>1)</sup>   | 6     | 6     | 6     | 8     | 8     | 10   | 10   | 14   | 14   | 14   |
| Ø d7 H8 <sup>2)</sup> | 18    | 22    | 22    | 28    | 28    | 36   | 36   | 48   | 48   | 48   |
| Ø d7 max.             | 25.4  | 25.4  | 25.4  | 38    | 38    | 50   | 50   | 60   | 60   | 60   |
| d9 <sup>3)</sup>      | M5    | M5    | M5    | M6    | M6    | M6   | M6   | M6   | M6   | M6   |
| L4                    | 35    | 35    | 60    | 45    | 75    | 55   | 95   | 65   | 115  | 115  |
| L5 <sup>3)</sup>      | 8     | 8     | 8     | 10    | 10    | 10   | 10   | 10   | 10   | 10   |
| M                     | 20    | 20    | 20    | 30    | 30    | 40   | 40   | 47   | 47   | 40   |
| t <sup>1)</sup>       | 20.8  | 24.8  | 24.8  | 31.3  | 31.3  | 39.3 | 39.3 | 51.8 | 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              | 67.6 | 67.6 | 81.6 | 81.6 | 81.6 |
| Ø d8 min. <sup>2)</sup> | 18.1  | 22.2  | 22.2  | 28.2               | 28.2               | 36.2 | 36.2 | 48.2 | 48.2 | 48.2 |
| Ø d8 max.               | 28.2  | 28.2  | 28.2  | 40.2 <sup>4)</sup> | 40.2 <sup>4)</sup> | 48.2 | 48.2 | 60.2 | 60.2 | 60.2 |
| L4                      | 35    | 35    | 60    | 45                 | 75                 | 55   | 95   | 65   | 115  | 115  |
| L6 min.                 | 30    | 30    | 30    | 30                 | 30                 | 30   | 30   | 40   | 40   | 40   |
| M                       | 20    | 20    | 20    | 30                 | 30                 | 40   | 40   | 47   | 47   | 40   |
| s H11 <sup>2)</sup>     | 14    | 17    | 17    | 22                 | 22                 | 27   | 27   | 36   | 36   | 36   |
| s H11 max.              | 22    | 22    | 22    | 30 <sup>4)</sup>   | 30 <sup>4)</sup>   | 36   | 36   | 46   | 46   | 46   |

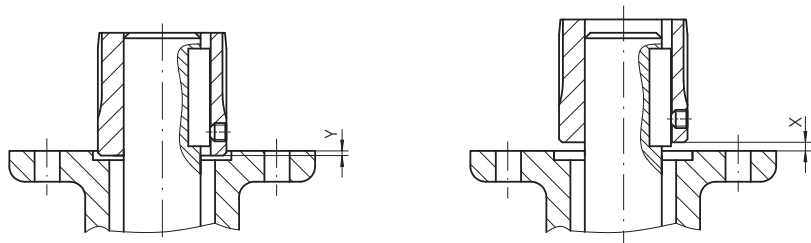
Two-flat according to EN ISO 5211



| 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 | 67.6                     | 67.6                     | 81.6 | 81.6 | 81.6 |
| Ø d8 min. <sup>2)</sup> | 18.1  | 22.2  | 22.2  | 28.2  | 28.2  | 36.2                     | 36.2                     | 48.2 | 48.2 | 48.2 |
| Ø d8 max.               | 28.2  | 28.2  | 28.2  | 36.2  | 36.2  | 48.2 (48 <sup>5)</sup> ) | 48.2 (48 <sup>5)</sup> ) | 60.2 | 60.2 | 60.2 |
| L4                      | 35    | 35    | 60    | 45    | 75    | 55                       | 95                       | 65   | 115  | 115  |
| L6 min.                 | 25    | 25    | 25    | 25    | 25    | 30                       | 30                       | 40   | 40   | 40   |
| M                       | 20    | 20    | 20    | 30    | 30    | 40                       | 40                       | 47   | 47   | 40   |
| s H11 <sup>2)</sup>     | 14    | 17    | 17    | 22    | 22    | 27                       | 27                       | 36   | 36   | 36   |
| s H11 max.              | 22    | 22    | 22    | 27    | 27    | 36 (41 <sup>5)</sup> )   | 36 (41 <sup>5)</sup> )   | 46   | 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