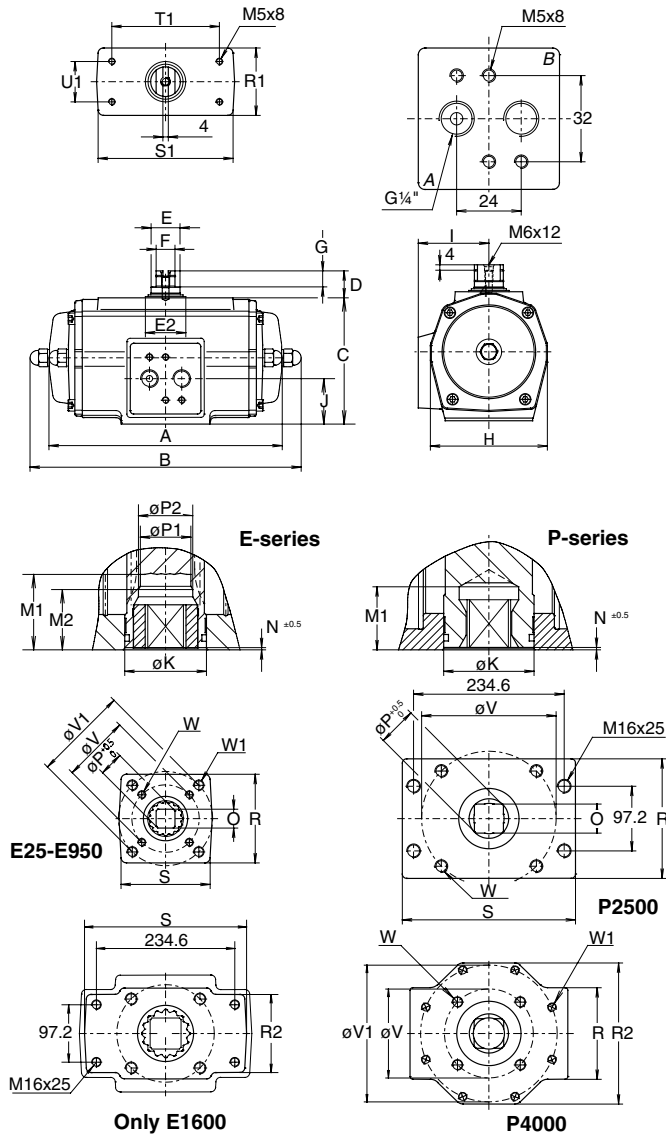


# Data sheet

Sheet No.: 1.103.106 Rev. A  
Date: November 2009

## DIMENSION SHEET STANDARD ACTUATOR - ISO

E/P



| Dim. in mm. | Actuators E-series |         |         |         |          |          |          |          |          |          | P-series |          |
|-------------|--------------------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|
|             | E 12               | E 25    | E 40    | E 65    | E100     | E150     | E200     | E 350    | E600     | E950     | E1600    | P2500    |
| A DA        | 159                | 180     | 199     | 221     | 254      | 283      | 305      | 387      | 424      | 516      | 378      | 502      |
| B SR        | 172                | 204     | 249     | 267     | 310      | 360      | 387      | 477      | 517      | 637      | 570      | 834      |
| C           | 80                 | 93      | 105     | 118     | 140      | 143      | 181      | 220      | 259      | 297      | 356      | 380      |
| D           | 20                 | 20      | 20      | 20      | 20       | 20       | 20       | 30       | 30       | 30       | 30       | 30       |
| E           | 16                 | 22      | 22      | 22      | 36       | 36       | 36       | 55       | 55       | 64       | 55       | 64       |
| E2          | 23                 | 30      | 30      | 30      | 45       | 45       | 45       | 65       | 65       | 75       | 65       | 80       |
| F           | 10                 | 14      | 14      | 14      | 19       | 19       | 19       | 36       | 36       | 36       | 36       | 36       |
| G           | 12                 | 12      | 12      | 12      | 12       | 12       | 12       | 10       | 10       | 10       | 10       | 10       |
| H           | 74                 | 86      | 98      | 108     | 121      | 128      | 173      | 207      | 231      | 265      | 350      | 380      |
| I           | 46                 | 53      | 58      | 63      | 70       | 73       | 95       | 113      | 126      | 142      | 183      | 200      |
| J           | 32                 | 34      | 40      | 45      | 59       | 51       | 73       | 84.5     | 105.5    | 120.5    | 178      | 190      |
| K           | 24                 | 33      | 33      | 38      | 55       | 55       | 55       | 68       | 75       | 95       | 85       | 120      |
| M1          | 34.5               | 34.5    | 34.5    | 34.5    | 50       | 50       | 50       | 52       | 64       | 82       | 66       | 77       |
| M2          | -                  | -       | -       | 27      | -        | 37       | -        | -        | -        | -        | -        | -        |
| N           | 1                  | 1       | 1       | 1.5     | 1        | 1.5      | 1.5      | 1.5      | 1.5      | 1.5      | 3        | 1.5      |
| O max.      | 11.08              | 14.08   | 14.08   | 19.08   | 19.08    | 22.10    | 27.11    | 27.11    | 36.16    | 46.16    | 46.21    | 55.24    |
| O min.      | 11.00              | 14.00   | 14.00   | 19.00   | 19.00    | 22.00    | 27.00    | 27.00    | 36.00    | 46.00    | 46.00    | 55.00    |
| P           | 14.1               | 18.1    | 18.1    | 25.2    | 25.5     | 28.2     | 36.2     | 36.2     | 48.2     | 60.2     | 60.2     | 72.2     |
| P1          | 14.1               | 18.1    | 21.1    | 23.1    | 28.5     | 32.1     | 32.1     | 36.5     | 48.5     | 60.5     | -        | -        |
| P2          | -                  | -       | -       | 25.2    | -        | 36.2     | 36.2     | -        | -        | -        | -        | -        |
| R           | 52                 | 65      | 70      | 70      | 86       | 90       | 114      | 124      | 130      | 154      | 170      | 170      |
| R1          | 50                 | 50      | 50      | 60      | 60       | 60       | 60       | 90       | 90       | 125      | 160      | 160      |
| R2          | -                  | -       | -       | -       | -        | -        | -        | -        | -        | 132      | -        | 262      |
| S           | 52                 | 65      | 70      | 70      | 92       | 90       | 114      | 124      | 142      | 280      | 290      | 290      |
| S1          | 100                | 100     | 100     | 100     | 100      | 100      | 100      | 170      | 170      | 210      | 245      | 245      |
| T           | -                  | -       | -       | -       | -        | -        | -        | -        | -        | 234.6    | 234.6    | -        |
| T1          | 80                 | 80      | 80      | 80      | 80       | 80       | 80       | 130      | 130      | 130      | 130      | 130      |
| U           | -                  | -       | -       | -       | -        | -        | -        | -        | -        | 97.2     | 97.2     | -        |
| U1          | 30                 | 30      | 30      | 30      | 30       | 30       | 30       | 30       | 30       | 30       | 30       | 30       |
| V           | 36                 | 50      | 50      | 50      | 70       | 70       | 70       | 102      | 102      | 165      | 165      | 165      |
| W           | M5 x 8             | M6 x 10 | M6 x 10 | M6 x 10 | M8 x 13  | M8 x 13  | M8 x 13  | M10 x 16 | M10 x 16 | M20 x 30 | M20 x 30 | M20 x 30 |
| V1          | 50                 | 70      | 70      | 70      | 102      | 102      | 102      | 125      | 140      | -        | -        | 254      |
| W1          | M6 x 10            | M8 x 13 | M8 x 13 | M8 x 13 | M10 x 16 | M10 x 16 | M10 x 16 | M12 x 20 | M16 x 25 | -        | -        | M16 x 25 |

### Note

1. Flange and square drive to ISO 5211
2. Top and solenoid flange to VDI/VDE 3845 (NAMUR)
3. For P-series actuators with limit stops see 1.501.01

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