

Application/customer benefits

- Axial positioning and centering of tubes when a BB-AZ2G chuck on the main spindle is used in compensating clamping mode
- Integrated hydraulic dampener with fixed and position for controlled deceleration and positioning of tubes
- Suitable for O.D. and I.D. centering

Technical features

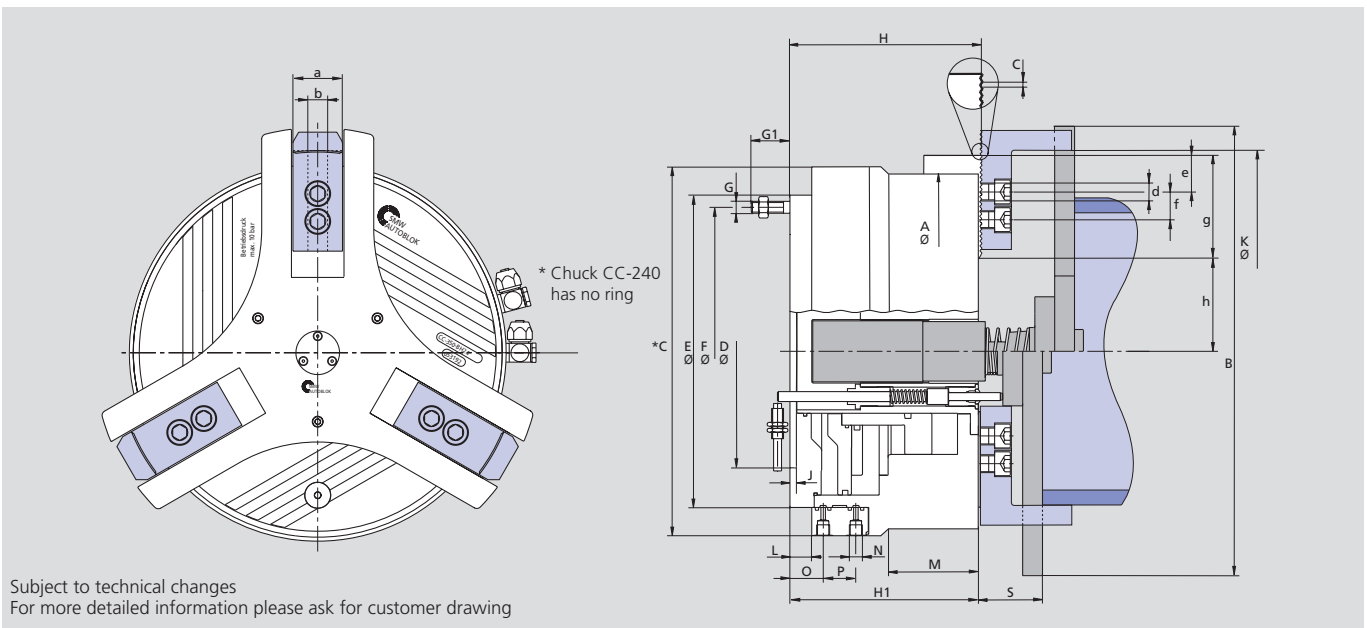
- Stationary pneumatic clamping unit with integrated dampener/endstop
- Operating pressure 2–10 bar (29–145 psi)
- Monitoring of endposition of the axial stop via prox. switch (prox. switch not included with the chuck)

Standard equipment

3-jaw centering chuck
1 set of soft top jaws

Ordering example

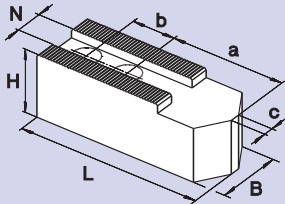
Stationary centering chuck CC-350



| SMW-AUTOBLOK Type | | | CC 240 Z | CC 350 Z | CC 470 Z |
|---|-----------|------|-----------------|-------------|-------------|
| Id. No. | | | 053290 | 053192 | 054470 |
| | A | mm | 240 | 360 | 470 |
| | B | mm | 306 | 446 | 550 |
| | C | mm | 250 | 372 | n.a. |
| | D H6 | mm | 195 | 235 | 310 |
| | E | mm | | 315 | 400 |
| | F | mm | 223.8 | 290.5 | 374 |
| | G/G1 | mm | M12/39 | M12/39 | M12/26 |
| | H | mm | 135.5 | 191.5 | 239.5 |
| | H1 | mm | 134 | 190 | 238 |
| | J | mm | 6.5 | 6.5 | 8 |
| Clamping Ø | max. | K | 245 | 365 | 507 |
| | | L | – | 21 | 20 |
| | | M | 49 | 92 | n.a. |
| Pneumatic connection | | N | inch | G 1/4" | G 1/2" |
| | min./max. | S | mm | 45/95 | 50.5/152.5 |
| | | a | mm | 40 | 60 |
| | | o | mm | 74 | 37 |
| | | p | mm | – | 26 |
| | | b f7 | mm | 17 | 25.5 |
| Serration | | c | inch | 1/16" x 90° | 3/32" x 90° |
| Bolts ISO 4762 12.9 | | d | mm | M12 x 30 | M20 x 45 |
| | min. | e | mm | 9.5 | 15 |
| T-nut distance | min./max. | f | mm | 22/41.5 | 35/68 |
| Length of serration | | g | mm | 59 | 99 |
| | min./max. | h | mm | 53/66 | 128/153 |
| Stroke/jaw | | | mm | 12.7 | 25 |
| Pressure | min./max. | | bar | 2/10 | 2/10 |
| Piston area | | | cm ² | 290 | 652 |
| Air consumption/jaw stroke at 6 bar/liter | | | l | 5.5 | 21 |
| Weight (without top jaws) | | | kg | 53 | 260 |

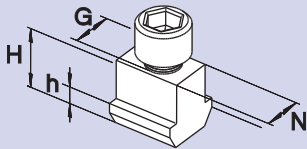
- Top jaws
- T-nuts

AWB-D Soft top jaws



| Chuck | CC 240 Z | CC 350 Z | CC 470 Z |
|-------------------|-------------|-------------|-------------|
| Jaw type | MWB-D 240 | MWB-D 250 | MWB-D 470 |
| Jaw Id. No. (set) | 233462 | 013491 | 081603 |
| B | 40 | 50 | 60 |
| H | 80 | 80 | 120 |
| L | 90 | 120 | 155 |
| N | 17 | 21 | 25.5 |
| Serration | 1/16" x 90° | 1/16" x 90° | 3/32" x 90° |
| a | 20 | 62 | 94 |
| b | 22 | 28 | 35 |
| kg/set | 4.2 | 10.5 | 21.5 |

NST T-nuts



| Chuck | CC 240 Z | CC 350 Z | CC 470 Z |
|---------------------|----------|----------|----------|
| T-nut type | NST 17-4 | NST 21-5 | NST 21-5 |
| T-nut Id. No./piece | 013864 | 033429 | 014812 |
| N | 17 | 21 | 25.5 |
| H | 26.5 | 30 | 29 |
| h | 9.5 | 11 | 11 |
| G | M12 | M16 | M20 |
| Bolt ISO 4762 12.9 | M12 x 30 | M16 x 35 | M20 x 40 |

