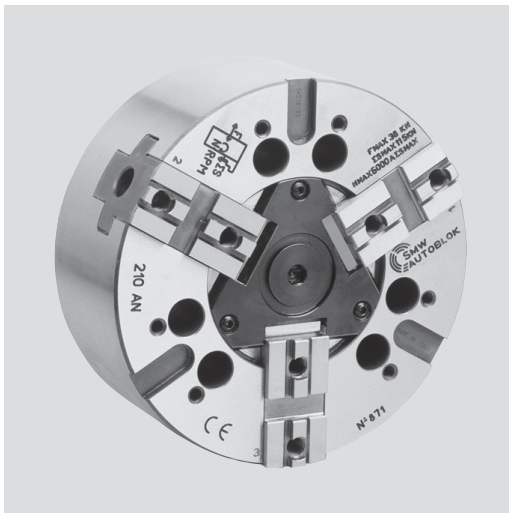


- Closed center
- 2 and 3 jaws (4 jaws only Ø 400 mm)



Application/customer benefits

- For chucking parts
- Suitable for vertical machines
- Tongue & groove master jaws for heavy or very high profile special top jaws

AN-C: TONGUE & GROOVE master jaws (American Standard)

Technical features

- Gripping force transmission via wedge hook
- Case hardened body to assure greatest precision and long chuck life

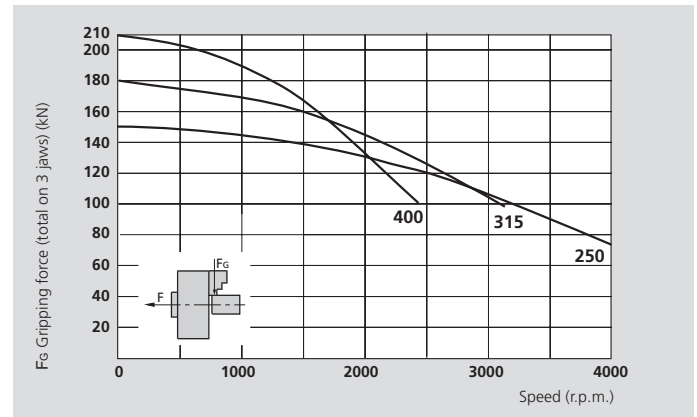
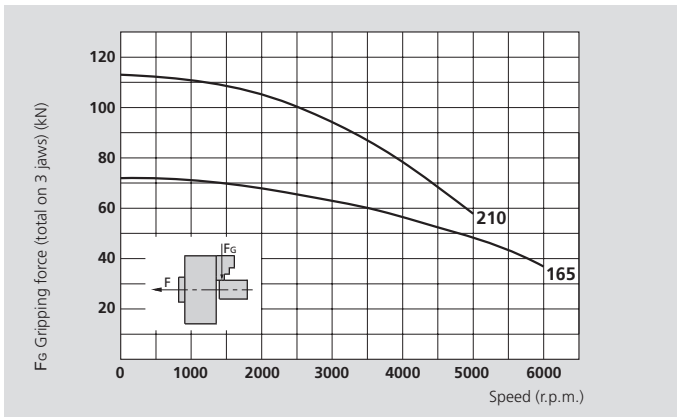
Standard equipment

2-, 3- or 4-jaw chuck
Mounting bolts

Ordering example

3-jaw chuck AN-C 250 / Z220
or
2-jaw chuck AN-C 315 / A8

Actual gripping force diagrams



The data in the diagrams refer to 3-jaw chucks, newly maintained according to their service manuals using SMW-AUTOBLOK K67 grease. The static and dynamic gripping forces have been measured using standard soft top jaws, placed in a position not exceeding the outer diameter of the chuck.

⚠ Safety advice / danger of damage:

When using taller / heavier jaws and / or clamping on a bigger diameter reduce draw pull / rotating speed accordingly.

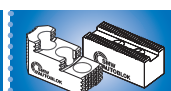
Technical data

| SMW-AUTOBLOK Type | | AN-C 165 | | AN-C 210 | | AN-C 250 | | AN-C 315 | | AN-C 400 | | |
|---|-------------------|----------|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|----------|-----|-----|
| Number of jaws | | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 4 |
| Radial jaw stroke | mm | 3.6 | | 4.4 | | 5 | | 6.3 | | 7 | | |
| Axial piston stroke | mm | 17 | | 21 | | 24 | | 30 | | 33 | | |
| Max. draw pull* | kN | 17 | 25 | 25 | 38 | 33 | 50 | 40 | 60 | 50 | 70 | 70 |
| Max. gripping force* | kN | 50 | 72 | 75 | 115 | 100 | 150 | 120 | 180 | 150 | 210 | 210 |
| Max. speed | r.p.m. | 6000 | | 5000 | | 4000 | | 3200 | | 2400 | | |
| Weight (without top jaws) | kg | 10 | | 19.5 | | 33 | | 57 | | 84 | | |
| Moment of inertia | kg·m ² | 0.034 | | 0.11 | | 0.27 | | 0.70 | | 1.6 | | |
| Recommended actuating cylinders | | Type | SIN-S 100 | SIN-S 100 / 125 | SIN-S 125 / 150 | SIN-S 125 / 150 | SIN-S 125 / 150 | SIN-S 150 / 175 | | | | |
| Id. No. AN-C 2 jaws (Center mounting) | | | 77146716 | 77146721 | 77146725 | 77146731 | 77146740 | | | | | |
| Id. No. AN-C 3 jaws (4 jaws 77146940) (Center mounting) | | | 77146816 | 77146821 | 77146825 | 77146831 | 77146840 | | | | | |

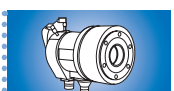
* For internal clamping reduce the draw pull by 30%.



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