



# Leybold Mag W 2010C

## Technical Specifications

| MAG  |                          | W 2010 C              | W 2011 C              | 2000                                      |
|--|--------------------------|-----------------------|-----------------------|---|
| High-vacuum connection flange  | DN                       | 250 ISO-F             | 250 ISO-F             | 250 CF                                    |
| Pumping speed for N <sub>2</sub> measured with splinter guard (PNEUROP)                | l·s <sup>-1</sup>        | 1650                  | 1650                  | 1650                                      |
| Gas flow (continuous operation with Argon)   | sccm                     | 1000                  | 1000                  | –   |
| Compression for N <sub>2</sub> for H <sub>2</sub>                                      |                          | >10 <sup>8</sup><br>– | >10 <sup>8</sup><br>– | >10 <sup>8</sup><br>7.5 · 10 <sup>4</sup> |
| Ultimate pressure as to DIN 28 400   | mbar                     | < 10 <sup>-8</sup>    | < 10 <sup>-8</sup>    | < 2 · 10 <sup>-10</sup>                   |
| Max. forevacuum pressure with Nitrogen   | mbar                     | 3.3                   | 3.3                   | 1   |
| with Argon   | mbar                     | 4.1                   | 4.1                   | –   |
| Max. forevacuum pressure   | mbar                     | –                     | –                     | < 10 <sup>-2</sup>                        |
| Rotor Speed  | min <sup>-1</sup>        |                       | 28,800                |   |
| Run-up time  | min                      | < 10                  | < 10                  | < 8                                       |
| Braking time with/without venting  | min                      |                       | 1 / < 7,5             |   |
| Inlet pressure   | bar                      | < 10                  | < 10                  | 2 – 7                                     |
| Base flange temperature C version (depending on the load)                              | °C                       | 30 – 50               | 30 – 50               | –   |
|  | °C                       | 86 – 122              | 86 – 122              | –   |
| Weight, approx.  | kg                       | 65                    | 65                    | 72  |
| Max. temperature of the high-vacuum flange short-time                                  | °C                       |                       | 85                    |   |
|  | °F                       |                       | 185                   |   |
| in continuous operation  | °C                       |                       | 60                    |   |
|  | °F                       |                       | 140                   |   |
| bake-out   | °C                       | –                     | –                     | 120                                       |
|  | °F                       | –                     | –                     | 248                                       |
| Forevacuum connection flange   | DN                       |                       | 40 KF                 |   |
| Recommended backing pump Dry compressing pump with pumping speed oder rotary vane pump | m <sup>3</sup> /h TRIVAC |                       | 50 D 65 BCS           |   |
| Admissible ambient temperature   | °C                       |                       | 5 – 40                |   |
|  | °F                       |                       | 40 – 104              |   |
| Storage temperature  | °C                       |                       | -10 – +60             |   |
|  | °F                       |                       | 14 – 140              |   |
| Max. relative air humidity   |                          |                       | 95% (non-condensing)  |   |
| Degree of protection (EN 60529)  | IP                       |                       | 20                    |   |



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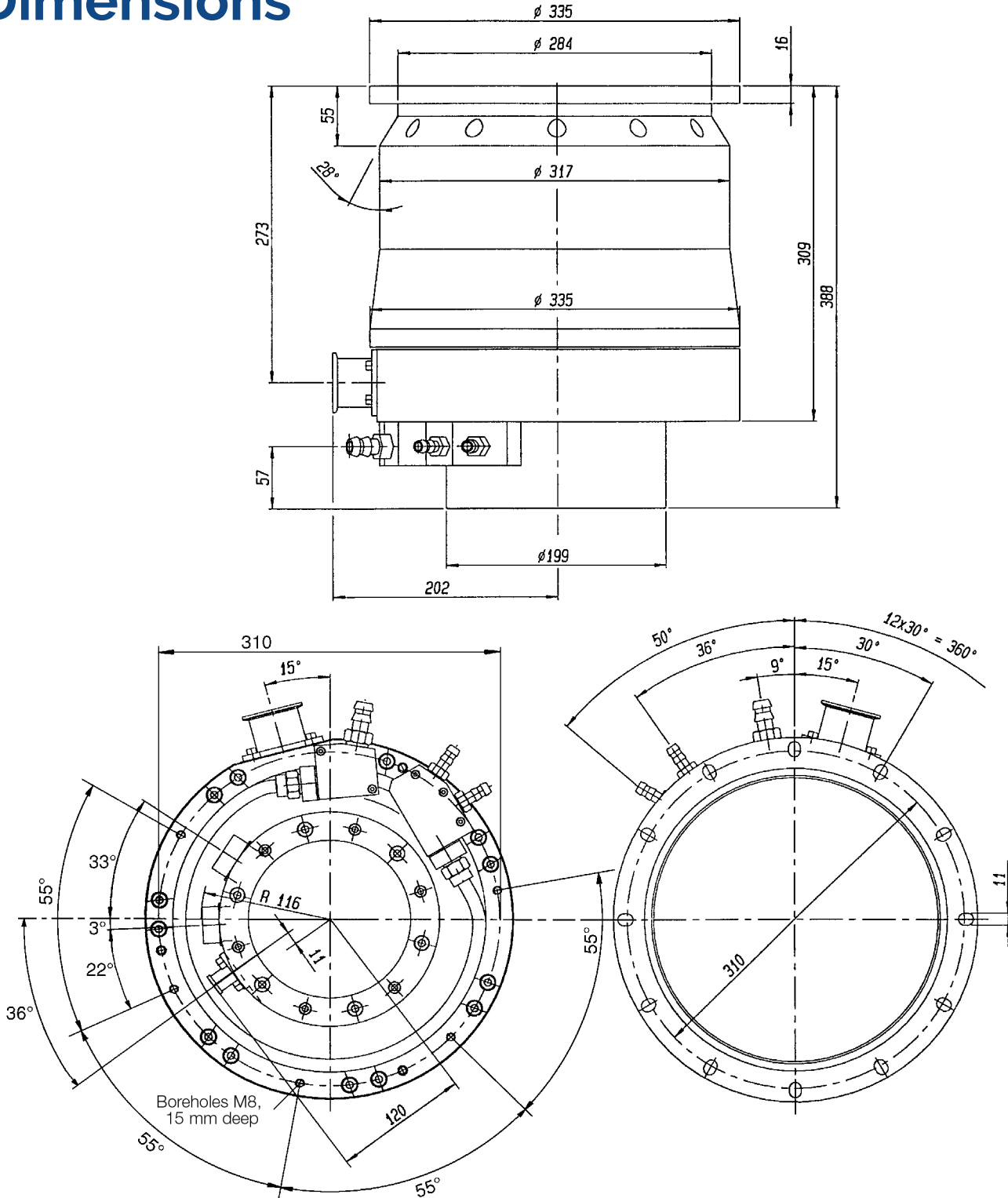
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## Dimensions





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## Leybold Mag W 2010C Pumping Curves

