



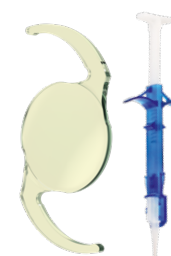
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## Basis Z

|                               | Monofocal                                 |  |   |  | Mono <sup>+</sup>                                  | Mono <sup>+</sup> -Toric                           |
|-------------------------------|---|--|---|--|--|--|
|                               | hydrophobic                               | hydrophilic  | hydrophobic                               | hydrophobic (preloaded)                    | hydrophobic (preloaded)                            |  |
| Lens type                     | One piece capsular bag IOL                | One piece capsular bag IOL                                       | One piece capsular bag IOL                | One piece capsular bag IOL                 | One piece capsular bag IOL                         | One piece capsular bag IOL                         |
| Material                      | Biocompatible hydrophobic acrylic (<0,5%) | Biocompatible hydrophilic acrylic (25%)                          | Biocompatible hydrophobic acrylic (<0,5%) | Biocompatible hydrophobic acrylic (<0,5%)  | Biocompatible hydrophobic acrylic (<0,5%)          | Biocompatible hydrophobic acrylic (<0,5%)          |
| Abbe Number, Refractive Index | Abbe: 58<br>Refr. Index: 1.47             | Abbe: 58<br>Refr. Index: 1.46                                    | Abbe: 58,<br>Refr. Index: 1.47            | Abbe: 58,<br>Refr. Index: 1.47             | Abbe: 58,<br>Refr. Index: 1.47                     | Abbe: 58,<br>Refr. Index: 1.47                     |
| Haptic                        | Z haptic,<br>0° angulation                | Z haptic,<br>0° angulation                                       | Z haptic,<br>0° angulation                | Z haptic,<br>0° angulation                 | Z haptic,<br>0° angulation                         | Z haptic,<br>0° angulation                         |
| Optic                         | spheric optic,<br>360° cell barrier       | aspheric optic,<br>360° cell barrier                             | aspheric optic,<br>360° cell barrier      | aspheric optic,<br>360° cell barrier       | optimized for depth of field,<br>360° cell barrier | optimized for depth of field,<br>360° cell barrier |
| Sterilisation                 | EO  | Steam  | EO  | EO   | EO   | EO   |
| Recommended Injection system  | 1stInject 2.0HB,<br>1stInject 2.4HB       | 1stInject 1.8 bis 30,0 D,<br>1stInject 2.0HB,<br>1stInject 2.4HB | 1stInject 2.0HB,<br>1stInject 2.4HB       | POB-MA                                     | POB-MA   | POB-MA   |
| Filter                        | UV filter                                 | UV filter,<br>blue light filter (optional)                       | UV filter,<br>blue light filter           | UV filter,<br>blue light filter (optional) | UV filter,<br>blue light filter                    | UV filter,<br>blue light filter                    |
| Diameter                      | optic 6 mm, total 13 mm                   | optic 6 mm, total 13 mm  | optic 6 mm, total 13 mm                   | optic 6 mm, total 13 mm                    | optic 6 mm, total 13 mm                            | optic 6 mm, total 13 mm                            |
| Sphere                        | 0.0 D - +35.0 D                           | -10.0 D - +45.0 D  | 0.0 D - +35.0 D                           | -10.0 D - +35.0 D                          | +10.0 D - +30.0 D                                  | +10.0 D - +30.0 D                                  |
| Cylinder                      | -   | -  | -   | -  | -  | +1.0 D - +6.0 D                                    |
| Addition / Addition interm.   | -   | -  | -   | -  | -  | -  |
| Article number                | B1AD00/S1AD00                             | B1AW00/B1AWY0  | B1ADY0                                    | B1AB00/B1ABY0                              | B1TBY0   | B1TBY0   |



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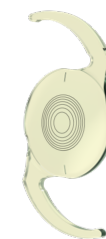
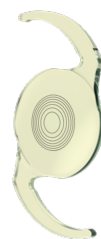
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|                               | Basis Z   |   |  |  |   | 611HPS                                  |
|-------------------------------|---|---|--|--|---|---|
|                               | Toric   | EDOF  | EDOF Toric   | Trifocal   | Trifocal-Toric                                  | Monofocal                               |
|                               | hydrophilic                                     | hydrophobic (preloaded)  |  | hydrophilic  |   | hydrophilic                             |
| Lens type                     | One piece capsular bag IOL                      | One piece capsular bag IOL  | One piece capsular bag IOL   | One piece capsular bag IOL                                 | One piece capsular bag IOL                      | One piece capsular bag IOL              |
| Material                      | Biocompatible hydrophilic acrylic (25%)         | Biocompatible hydrophobic acrylic (<0,5%)   | Biocompatible hydrophobic acrylic (<0,5%)  | Biocompatible hydrophilic acrylic (25%)                    | Biocompatible hydrophilic acrylic (25%)         | Biocompatible hydrophilic acrylic (25%) |
| Abbe Number, Refractive Index | Abbe: 58, Refr. Index: 1,46                     | Abbe: 58, Refr. Index: 1,47   | Abbe: 58, Refr. Index: 1,47  | Abbe: 58, Refr. Index: 1,46                                | Abbe: 58, Refr. Index: 1,46                     | Abbe: 58 Refr. Index: 1,46              |
| Haptic                        | Z haptic, 0° angulation                         | Z haptic, 0° angulation   | Z haptic, 0° angulation  | Z haptic, 0° angulation                                    | Z haptic, 0° angulation                         | C-haptic, 9° angulation                 |
| Optic                         | aspheric optic, 360° cell barrier               | aspheric optic, 360° cell barrier, non-diffractive, Wavefront linking technology                            | aspheric optic, 360° cell barrier, non-diffractive, Wavefront linking technology | aspheric optic, 360° cell barrier                          | aspheric optic, 360° cell barrier               | spheric optic, 360° cell barrier        |
| Sterilisation                 | Steam   | EO  | EO   | Steam  | Steam   | Steam                                   |
| Recommended Injection system  | 1stInject 2.0HB bis Zyl. 4,5 D, 1stInject 2.4HB | POB-MA  | POB-MA   | 1stInject 1.8 bis 30,0 D, 1stInject 2.0HB, 1stInject 2.4HB | 1stInject 2.0HB bis Zyl. 4,5 D, 1stInject 2.4HB | 1stInject 2.0HB, 1stInject 2.4HB        |
| Filter                        | UV filter, blue light filter                    | UV filter, blue light filter  | UV filter, blue light filter   | UV filter, blue light filter                               | UV filter, blue light filter                    | UV filter                               |
| Diameter                      | optic 6 mm, total 13 mm                         | optic 6 mm, total 13 mm   | optic 6 mm, total 13 mm  | optic 6 mm, total 13 mm                                    | optic 6 mm, total 13 mm                         | optic 6 mm, total 12 mm                 |
| Sphere                        | -10.0 D - +35.0 D                               | +8.0 D - +35.0 D  | +10.0 D - +30.0 D  | +8.0 D - +35.0 D   | +10.0 D - +35.0 D                               | 0.0 D - +30.0 D                         |
| Cylinder                      | +1.0 D - +10.0 D                                | -   | +1.0 D - +6.0 D  | -  | +1.0 D - +6.0 D                                 | -                                       |
| Addition / Addition interm.   | -   | extended depth of focus   | extended depth of focus  | +3.5 D / +1.75 D   | +3.5 D / +1.75 D                                | -                                       |
| Article number                | B1TWYT  | B1XBY0  | B1ZBY0   | B1EWYN   | B1HWYN  | 611HPS                                  |



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|                               | Basis B                                   | Basis Q  |  |  |
|-------------------------------|---|--|--|--|
|                               | Toric                                     | Monofocal  |  | Trifocal   |
|                               | hydrophobic (preloaded)                   | hydrophilic  | hydrophilic (preloaded)                    | hydrophilic  |
| Lens type                     | One piece capsular bag IOL                | One piece capsular bag IOL                                       | One piece capsular bag IOL                 | One piece capsular bag IOL                                       |
| Material                      | Biocompatible hydrophobic acrylic (<0.5%) | Biocompatible hydrophilic acrylic (25%)                          | Biocompatible hydrophilic acrylic (25%)    | Biocompatible hydrophilic acrylic (25%)                          |
| Abbe Number, Refractive Index | Abbe: 58<br>Refr. Index: 1,47             | Abbe: 58,<br>Refr. Index: 1,46                                   | Abbe: 58,<br>Refr. Index: 1,46             | Abbe: 58,<br>Refr. Index: 1,46                                   |
| Haptic                        | C-Schlaufe, gefenstert<br>0° Anwinkelung  | Mehrschlaufen-Haptik,<br>0° Anwinkelung                          | Mehrschlaufen-Haptik,<br>0° Anwinkelung    | Mehrschlaufen-Haptik,<br>0° Anwinkelung                          |
| Optic                         | aspheric optic,<br>360° cell barrier      | aspheric optic,<br>360° cell barrier                             | aspheric optic,<br>360° cell barrier       | aspheric optic,<br>360° cell barrier                             |
| Sterilisation                 | EO  | Steam  | Steam                                      | Steam  |
| Recommended Injection system  | POB-MA                                    | 1stInject 1.8 bis 30,0 D,<br>1stInject 2.0HB,<br>1stInject 2.4HB | 1stInject P2.2                             | 1stInject 1.8 bis 30,0 D,<br>1stInject 2.0HB,<br>1stInject 2.4HB |
| Filter                        | UV filter,<br>blue light filter           | UV filter,<br>blue light filter (optional)                       | UV filter,<br>blue light filter (optional) | UV filter,<br>blue light filter                                  |
| Diameter                      | optic 6 mm, total 13 mm                   | optic 6 mm, total 10.7-11 mm                                     | optic 6 mm, total 10.7-11 mm               | optic 6 mm, total 10.7-11 mm                                     |
| Sphere                        | +10.0 D - +30.0 D                         | 0.0 D - +35.0 D  | 0.0 D - +30.0 D                            | +8.0 D - +35.0 D   |
| Cylinder                      | +1.0 D - +6.0 D                           | -  | -  | -  |
| Addition / Addition interm.   | -   | -  | -  | + 3.5 D / +1.75 D  |
| Article number                | 877PTY                                    | B2AW00/B2AWY0  | B2AP00/B2APY0                              | B2EWYN   |

## Liberty<sup>2</sup> Dual-Lens Procedure\*



All variants

- Basis Z
- Basis Q
- Basis B
- Trifocal
- Toric-Trifocal
- EDOF

|          |   |
|----------|---|
| Sphere   | -10.0 D - +45.0 D                       |
| Cylinder | +1.0 D - +10.0 D                        |
| Addition | EDOF +1.75 D; +2.25 D; Trifocal +3.00 D |

(\*Currently only available in Germany.)



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| AddOn®                        |   |   |   |   |   |   |
|-------------------------------|---|---|---|---|---|---|
| Refractive                    | Toric   | EDOF  | Trifocal                                      | Trifocal-Toric                                | SML (Makula lens)                             |   |
| hydrophilic                   |   |   |   |   |   |   |
| Lens type                     | One piece sulcus lens                         | One piece sulcus lens                               | One piece sulcus lens                         | One piece sulcus lens                         | One piece sulcus lens                         | One piece sulcus lens                         |
| Material                      | Biocompatible hydrophilic acrylic (25%)       | Biocompatible hydrophilic acrylic (25%)             | Biocompatible hydrophilic acrylic (25%)       | Biocompatible hydrophilic acrylic (25%)       | Biocompatible hydrophilic acrylic (25%)       | biokompatibles hydrophiles Acryl (25%)        |
| Abbe Number, Refractive Index | Abbe: 58<br>Refr. Index: 1.46                 | Abbe: 58,<br>Refr. Index: 1.46                      | Abbe: 58,<br>Refr. Index: 1.46                | Abbe: 58,<br>Refr. Index: 1.46                | Abbe: 58,<br>Refr. Index: 1.46                | Abbe: 58,<br>Refr. Index: 1.46                |
| Haptic                        | 4 Flex-Haptic                                 | 4 Flex-Haptic                                       | 4 Flex-Haptic                                 | 4 Flex-Haptic                                 | 4 Flex-Haptic                                 | 4 Flex-Haptic                                 |
| Optic                         | aspherical/aberration-free/<br>convex-concave | aspherical/aberration-free/<br>convex-concave       | aspherical/aberration-free/<br>convex-concave | aspherical/aberration-free/<br>convex-concave | aspherical/aberration-free/<br>convex-concave | aspherical/aberration-free/<br>convex-concave |
| Sterilisation                 | Steam   | Steam   | Steam   | Steam   | Steam   | Steam   |
| Recommended Injection system  | 1stInject 2.0HB,<br>1stInject 2.4HB           | 1stInject 2.0HB till Cyl. 4.5 D,<br>1stInject 2.4HB | 1stInject 2.0HB,<br>1stInject 2.4HB           | 1stInject 2.0HB,<br>1stInject 2.4HB           | 1stInject 2.0HB,<br>1stInject 2.4HB           | 1stInject 2.0HB,<br>1stInject 2.4HB           |
| Filter                        | UV filter                                     | UV filter   | UV filter                                     | UV filter                                     | UV filter                                     | UV filter                                     |
| Diameter                      | optic 6 mm, total 13 mm                       | optic 6 mm, total 13 mm                             | optic 6 mm, total 13 mm                       | optic 6 mm, total 13 mm                       | optic 6 mm, total 13 mm                       | optic 6 mm, total 13 mm                       |
| Sphere                        | -10.0 D - +10.0 D                             | -10.0 D - +10.0 D                                   | -5.0 D - +5.0 D                               | -5.0 D - +5.0 D                               | -3.0 D - +3.0 D                               | On request                                    |
| Cylinder                      | -   | +1.0 D - +11.0 D                                    | -   | -   | +1.0 D - +4.5 D                               | -   |
| Addition / Addition interm.   | -   | -   | +1.75 D; +2.25 D                              | +3.0 D / +1.5 D                               | +3.0 D / +1.5 D                               | +10.0 D                                       |
| Article number                | A4SW00  | A4TW0T/A4TW00<br>A4FW0T/A4FW00                      | A4DW0H/A4EW0H<br>A4DW0K                       | A4DW0M<br>A4EW0M                              | A4HW0M  | A4MW00  |



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