

# Basis K

## hydrophilic

Single piece, sterile, foldable acrylic spheric hydrophilic posterior chamber intraocular lens (IOL) with UV blocker. The optic is monofocal. The IOL is non-preloaded, which has to be manually loaded into a compatible injector before implantation.



## MATERIAL

Copolymer of hydrophobic and hydrophilic monomers with 25% water content and UV blocker

Refractive Index

1.46

Abbe Number

58

## DESIGN

Optic Diameter  
Overall Diameter

6 mm

12 mm

Optic Design

Spheric - Aberration Neutral  
Convex-concave (-10.0 D → -1.0 D)  
Biconvex (0.0 D → +35.0 D)

Nominal A-constant

118.9

Haptic Design

C-loops with 9° angulation

PCO Prevention

360° sharp edge

Shelf Life

5 years after sterilization

## INJECTION

Estimated Incision Size

2.2 - 2.4 mm

Recommended Injector

Compatibility chart available:  
[1stq.eu/compatibility/](https://1stq.eu/compatibility/)

### CONSTANTS

for optical and immersion ultrasound measurements

SRK/T A-Constant

A = 118.3\*

Haigis

a0 = 0.95  
a1 = 0.400  
a2 = 0.100

Hoffer Q

pACD = 5.15

Holladay I

SF = 1.39

Barrett Universal II

LF = 1.52

Holladay II

ACD = 5.14

\*Based on IOL Con 03.2023

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hydrophilic



## POWER RANGE

| Article No. Clear | SEQ/Powers         | Steps | Cylinders | Steps | Addition |
|-------------------|--------------------|-------|-----------|-------|----------|
| 611HPS            | 0.0 D to +9.0 D    | 1.0 D | -         | -     | -        |
| 611HPS            | +10.0 D to +30.0 D | 0.5 D | -         | -     | -        |



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**Leading**  
IOL solutions

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