

MULTIGRESSIV MYVIEW®

Product consultant training

For internal use!



Agenda

1. Product details
2. Dependency of the inset on the PD
3. What differences are between the Multigressiv MyView® and the Multigressiv^{ILT}?
4. General advice on ordering
5. Lens calculation / optimization
8. Product benefits

Multigressiv MyView®

1. Product details

Product Design

- Spherical front surface, progressive-aspheric / atoric back surface
- Calculation in the latest generation of position of wear, the Retina-Focus-Principle

Order Parameter

- Refraction data: far + addition
- Optional: PD (monocular)
- Progression zone lengths: L = 18mm, M = 16mm, XS = 14mm
- Diameter
- Optional information of the frame- and centering data

Fitting

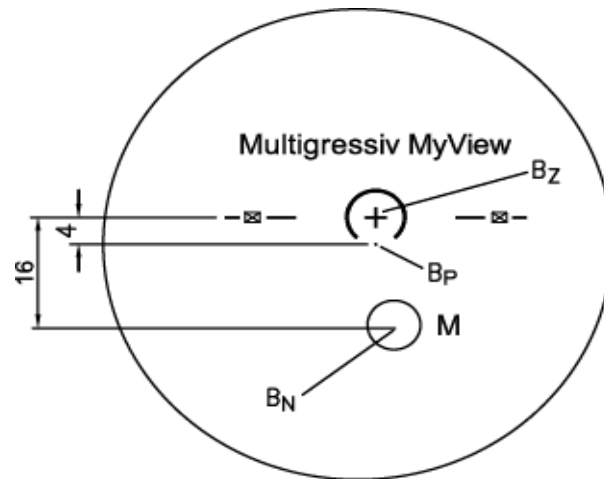
- According to the demand of the reference point when looking straight ahead with customary head and body position
- Minimum glazing height: 20 mm / 18 mm / 16 mm
- Minimum frame height: 28 mm / 26 mm / 24 mm
- For prismatic prescriptions, the lenses should be edged according to the centering correction given on the lens envelope.

Multigressiv MyView®

1. Product details

Stamp

- Analog forerunner product Multigressiv^{LT}
- Centering cross 4 mm above the lens horizontal
- B_F and B_Z coincide
- „L“, „M“ or „XS“ always next to the near measuring circle



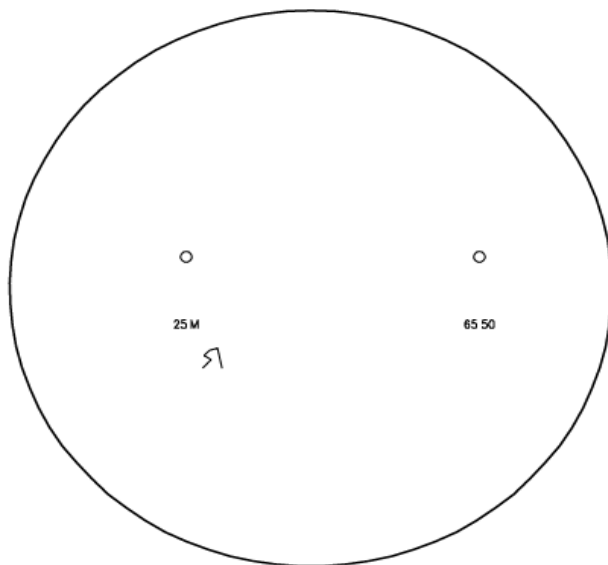
Example: Progression zone length M

Multigressiv MyView®

1. Product details

Engraving

- Function engraving circle, identical to forerunner product Multigressiv^{ILT}
- Depending on progression zone length „L“, „M“ or „X“ is engraved next to the addition
- Base curve und refraction two digit / nasal



- = Function engraving Multigressiv MyView
- 25 = Addition
- 65 = Base curve
- 50 = Index
- L M X = Progression zone lengths

Multigressiv MyView®

1. Product details

Index 1.5 and ColorMatic IQ 1.54		
Diameter [mm]	Power range [dpt]	Cylinder [dpt]
≤ 75	-4.00 to +4.00	to +4.00
≤ 70	-8.00 to +6.00	to +4.00
≤ 65	-8.00 to +8.00	to +4.00
Index 1.6		
Diameter [mm]	Power range [dpt]	Cylinder [dpt]
≤ 75	-4.00 bis +4.00	bis +4.00
≤ 70	-10.00 bis +6.00	bis +4.00
≤ 65	-10.00 bis +8.00	bis +4.00
Index 1.67 and 1.74*		
Diameter [mm]	Power range [dpt]	Cylinder [dpt]
≤ 75	-4.00 bis +4.00	bis +6.00
≤ 70	-10.00 bis +6.00	bis +6.00
≤ 65	-10.00 bis +8.00	bis +6.00

Delivery range:

- Centered or decentered diameters: from 50 mm up to 75mm
- Smaller diameters at no extra cost
- Prism: up to 5 cm/m if technical possible
- Addition: 0.75 up to 3.50 dpt
- Base curves: Classification analog Impression
- Index 1.6 and 1.67 also available as ColorMatic IQ version














* Perfolit 1.74 is not available in diameter 75 mm

Multigressiv MyView®


1. Product details

Lens envelope

Front side:

Multigressiv MyView M 1.50						
 Solitaire	Ø 62 / 67					
R						
						
	1.00	0.75	110	3.00	180	1.75
	1.02	0.81	109	3.06	191	1.79
						
 33.5	BC 6.0	 0.8	PMZ			
MMP						

Rear side:

Prod. 99	Tue, 16 October 2007
	
* 10 17 11 10 11 16 10 10 10 12 1M 11 10 10 *	
Rodenstock GmbH F+E Auftrag	
Kunde:	Komm.:

Parameters:

If no individual PD is given a standard PD will be used (these won't be printed on the lens envelope)

Distance power:

The measured values for sphere, cylinder and axis are checked at distance reference point B_F

Prismatic power:

A combined power of the thickness reduction prism and prescription prism is present at the prism reference point B_p.

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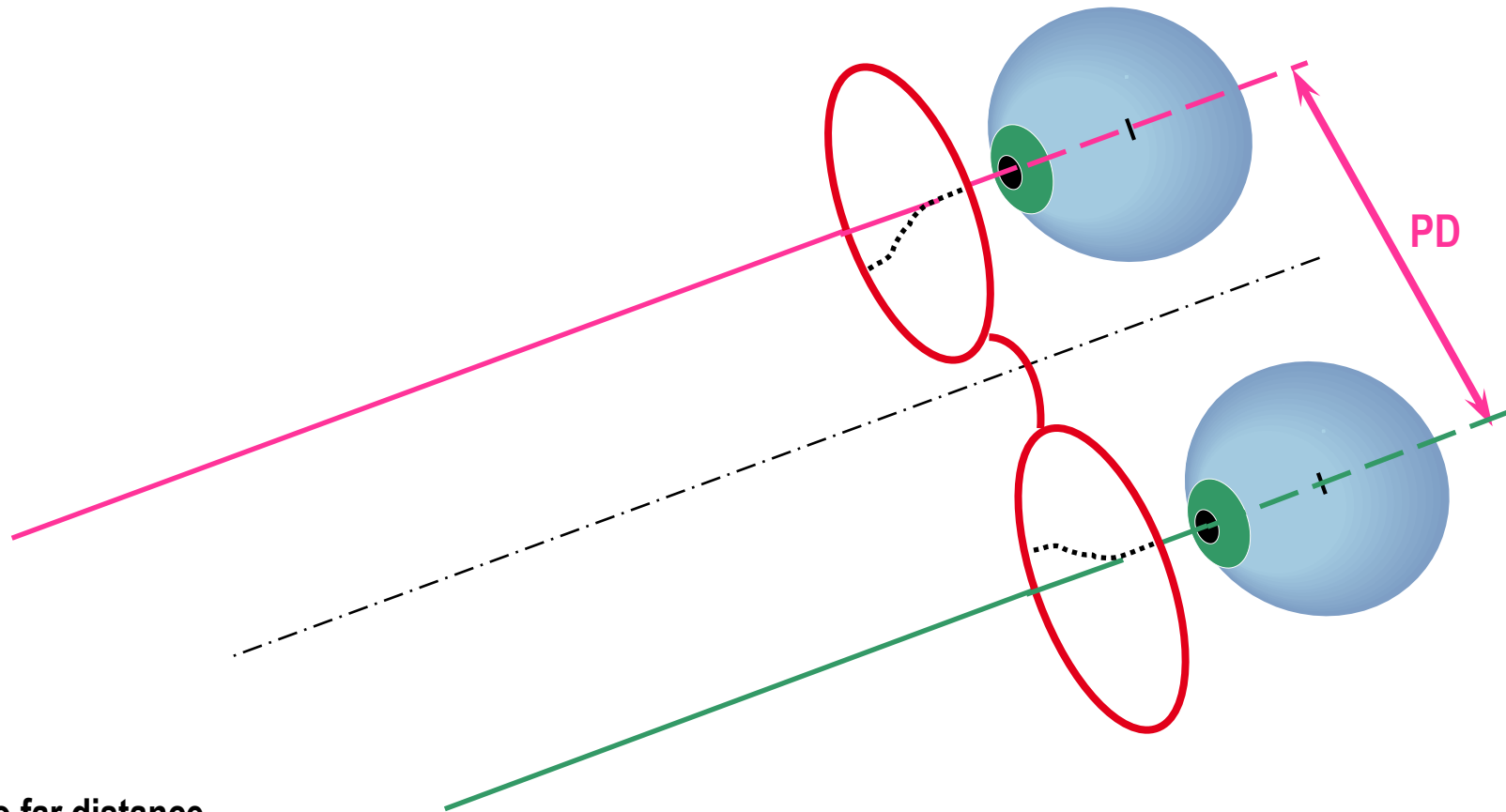
2. Dependency of the inset on PD

The individual PD of the consumer was not considered for our forerunner product Multigressiv^{ILT}. Instead of this a standard value for the PD was accepted.

But the influence of the **individual consumer PD** to the Inset **is very important...**

Multigressiv MyView®

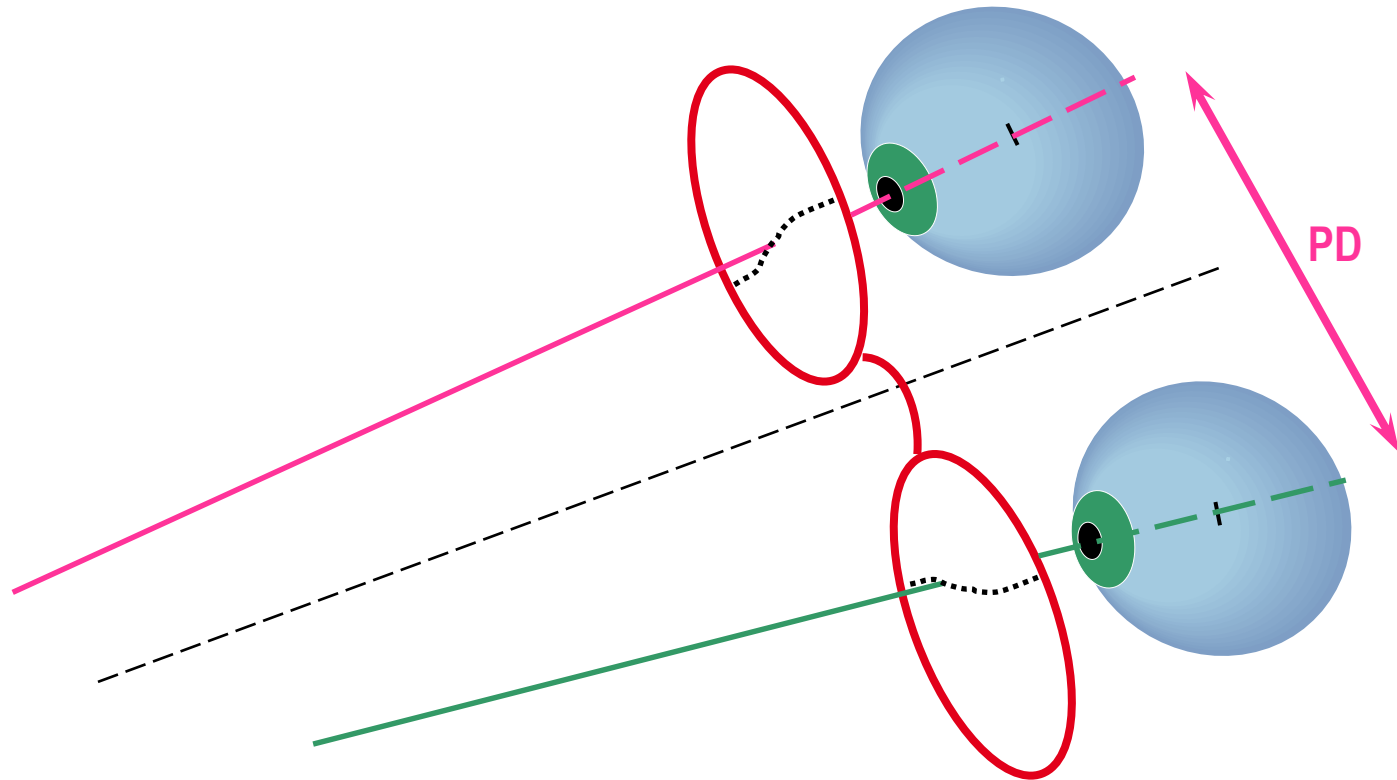
2. Dependency of the inset on PD



View to far distance

Multigressiv MyView®

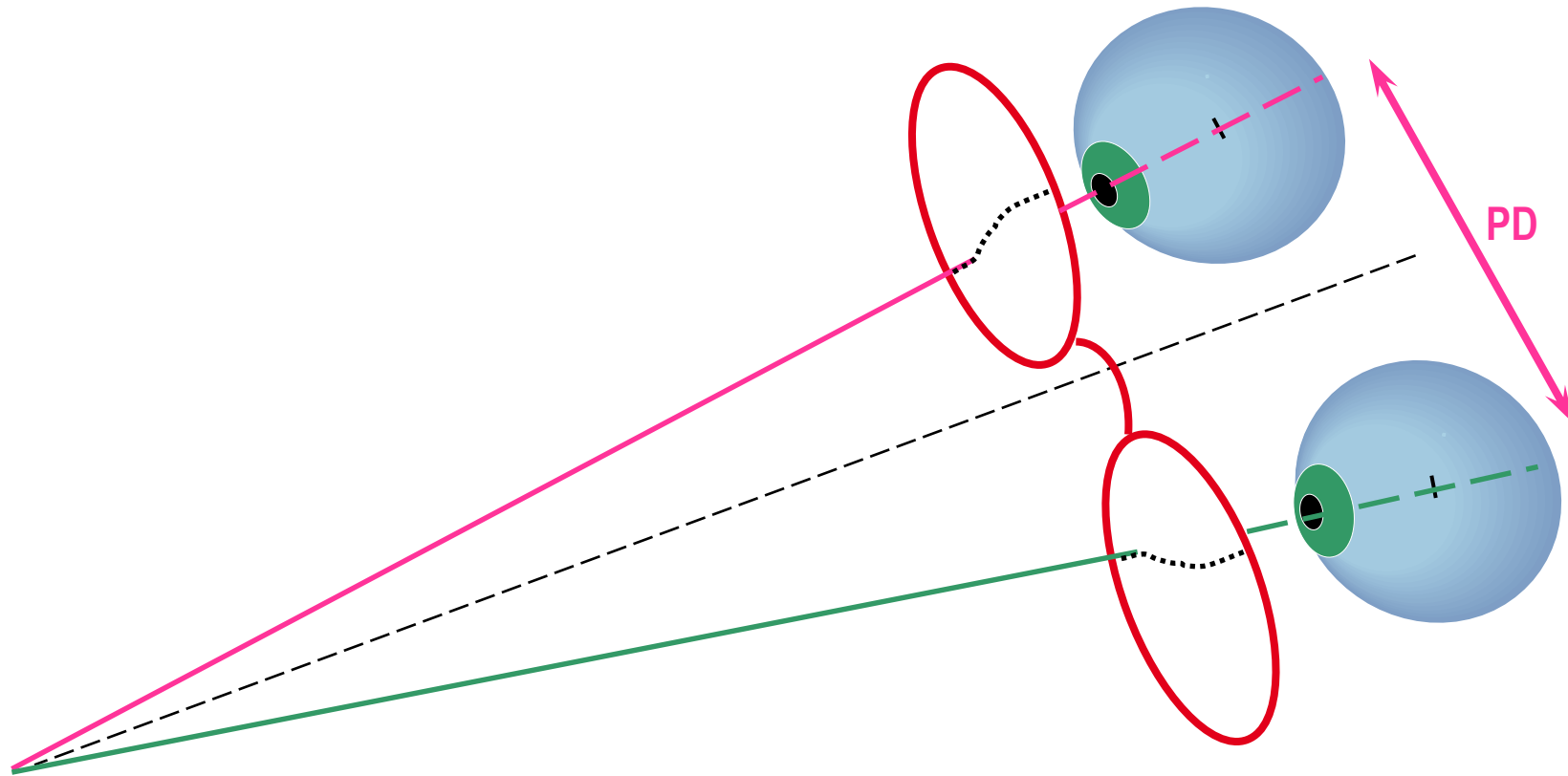
2. Dependency of the inset on PD



View to the middle distance

Multigressiv MyView®

2. Dependency of the inset on PD

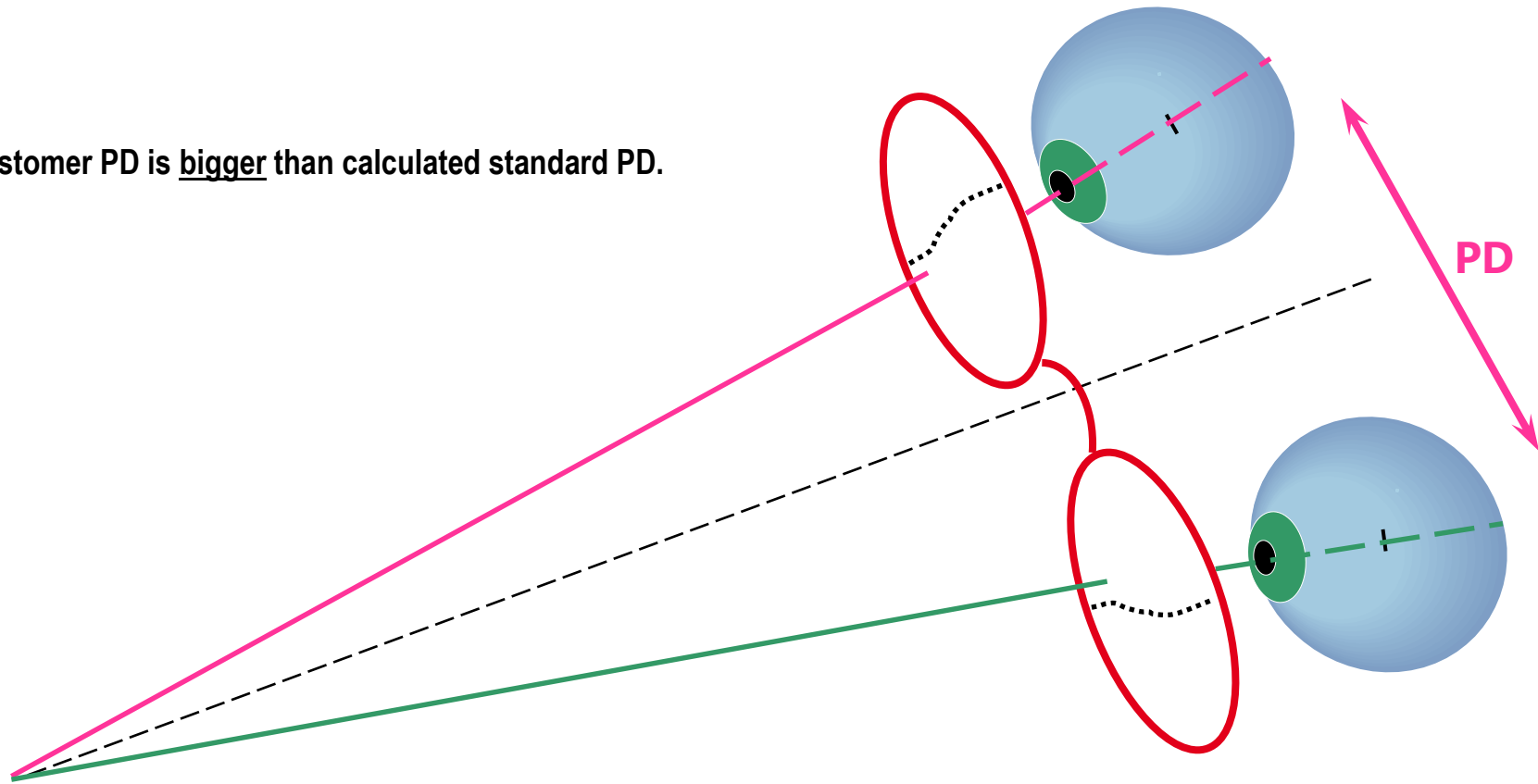


View to near distance

Multigressiv MyView®

2. Dependency of the inset on PD

Customer PD is bigger than calculated standard PD.

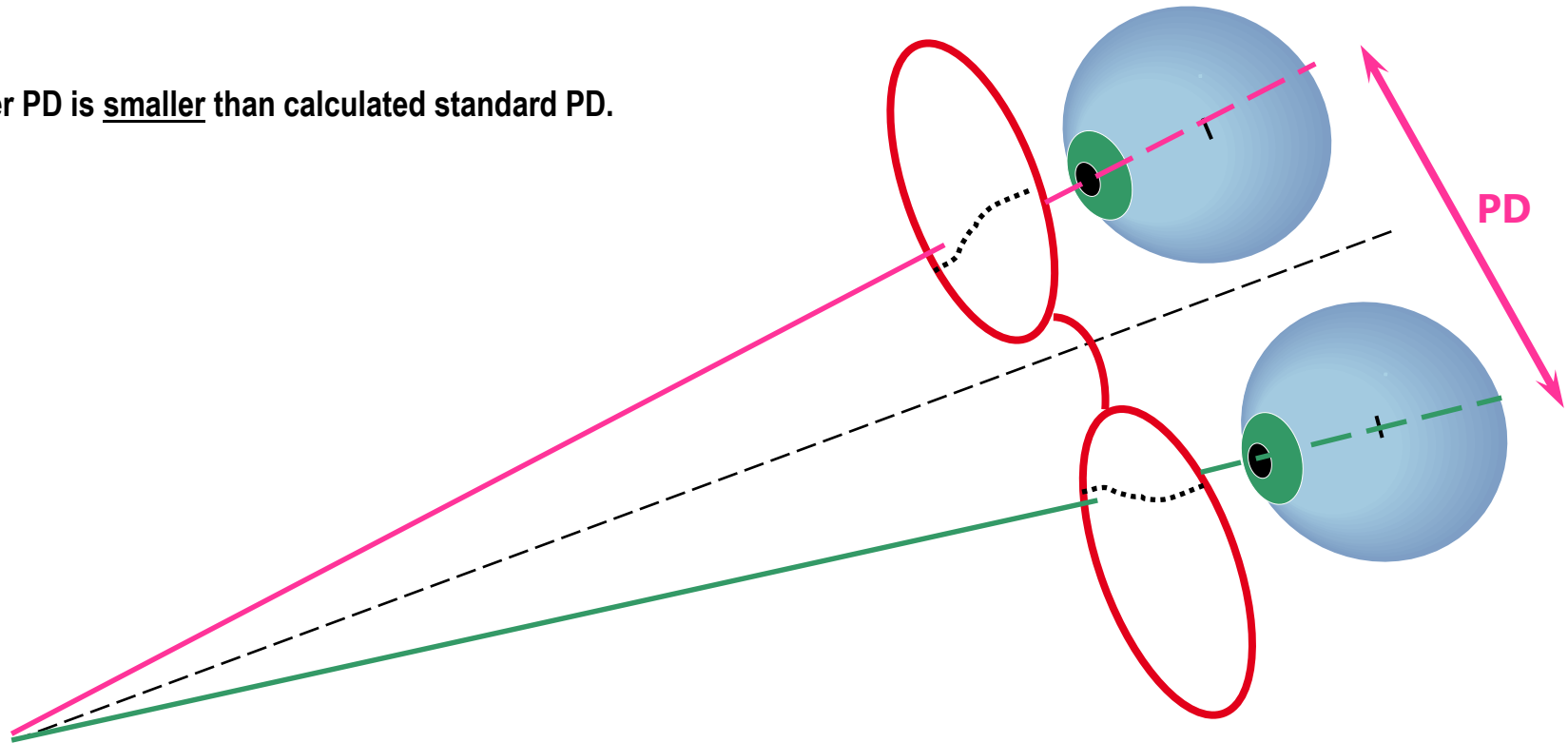


View to near distance

Multigressiv MyView®

2. Dependency of the inset on PD

Customer PD is smaller than calculated standard PD.



View to near distance

Multigressiv MyView®

2. Dependency of the inset on PD

Dependency of the Inset to the decree and the individual customer-PD			
	Multigressiv ILT with standard PD = 32mm	Multigressiv MyView with consideration of individual PD = 36mm (example)	Inset difference
sph +1.50 cyl +1.00 A 90° Add 2.00	-2,49 mm	-2,82 mm	0,33 mm → with the standard PD the calculated inset will be to small compared to individual consumer values (PD)
sph -1.50 cyl +1.00 A 90° Add 2.00	-2,24 mm	-2,53 mm	0,29 mm → with the standard PD the calculated inset will be to small compared to individual consumer values (PD)

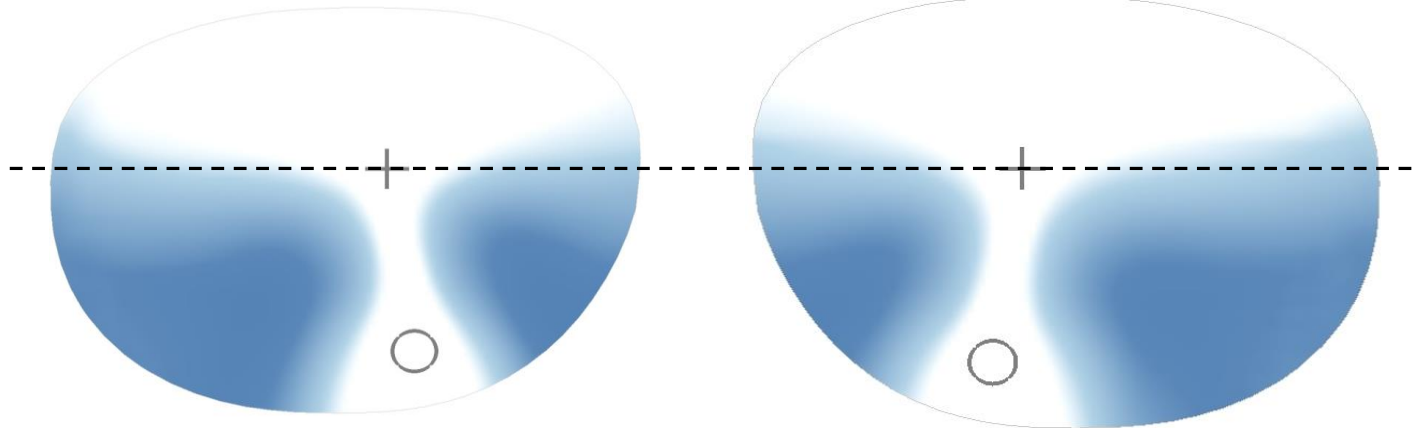
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Multigressiv MyView®

3. Product comparison

Visual Acuity (identical prescription values)



Multigressiv MyView® L

Sph 0.0 Add 2.0
PD 32mm
CVD 13mm
VN 9°
FFA 5°

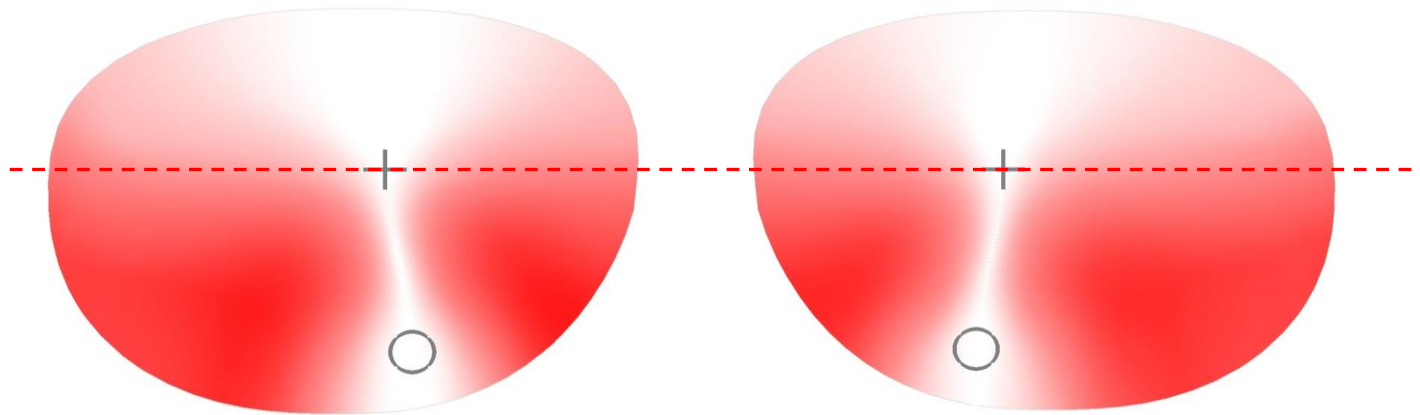
Multigressiv^{LT} (forerunner)

Sph 0.0 Add 2.0
PD 32mm
CVD 13mm
VN 9°
FFA 5°

Multigressiv MyView®

3. Product comparison

Astigmatism



Multigressiv MyView® L

Sph 0.0 Add 2.0
PD 32mm
CVD 13mm
VN 9°
FFA 5°

Multigressiv®LT (forerunner)

Sph 0.0 Add 2.0
PD 32mm
CVD 13mm
VN 9°
FFA 5°

Multigressiv MyView®

3. Product comparison

Geometry:

Multigressiv MyView® has the same lens geometry (concerning centre- und edge thickness, construction height, etc.) as Multigressiv^{ILT}. Because both have the same construction and are assigned to the same base curve system.

Measured values:

Multigressiv MyView® is calculated and optimized with the new position of wear, the Retina-Focus-Principle. The measured values in measuring position are comparable with the measured values of Multigressiv^{ILT}.

Pairability:

Multigressiv MyView® has a new calculation, due to the PD as a new standard parameter. For that Multigressiv MyView® cannot be paired with Multigressiv^{ILT} by single lens orders.

Optimization:

The optimization is a result of the Rodenstock Unique Customization. This contains new, improved calculation- and optimization algorithms, which are developed for Impression FreeSign® and are also used by Multigressiv MyView®.

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4. Order advice

EDV-Code

- Multigressiv MyView L: ML + material order code
- Multigressiv MyView M: MM + material order code
- Multigressiv MyView S: MS + material order code

„Must“ parameter

- Sphere, cylinder, Axis,
- Prism and Base,
- Addition
- Diameter

Optional parameter

- Monocular PD, frame- und centering data
- If no information about PD is given, the standard PD will be used.
- Which standard parameter for PD, FFA, PT und CVD are used of Rodenstock, won't be communicated to the optician.

Expandable delivery range

There is no alternative to order out of the delivery range of Multigressiv MyView®, also not via the RGF-Dialog.

Multigressiv MyView®

4. Order advice

Balancing lens rule

- Cosmetic function, no optical relevance (modified power)
- Discount specific to country

Matching lens rule

- Single lens orders are possible
- The original order have to be comprehensible
- Multigressiv MyView® can not be paired with Multigressiv^{ILT}.

Mixed pairs

- Because of coating and logistical reasons no mixed pairs are produced.

Multigressiv MyView®

4. Order advice

General advice on ordering via RGF dialog

HP-Tableau (Add on mask):

The screenshot shows a terminal-style interface titled "MyView Dialog" with a small "7" in the top right corner. The interface is divided into several sections by dashed lines. The top section is labeled "PD monocular" and contains two input fields for prism balance, one for the right eye labeled "<R>" and one for the left eye labeled "<L>", both followed by "mm". Below this is a section for prism balance point, with "Ref.p.:" and "Shift Base Curve:" on the left, and "Prism balance point" and "Base Curve:" on the right, each followed by an input field and "mm". A red bar is visible in the input field for "Prism balance point". Below this is a red text prompt "<<15,0mm : 45,0mm>>". The bottom section contains a row of function key shortcuts: "Help:F1", "Ditto:F3", "Defaults:F5", "Delete:F6", "ESC:F7", and "Quit:F8".

- Mask (picture above) can be recalled via HEP buttons
- The request respectively all datas are optional
- Data input identical to Impression® and Impression FreeSign® (PD, prism balance, FFA)

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5. Lens calculation / optimization

Optimization identic to Impression FreeSign®:

- Wave-Ray-Tracing
Combination of both practices to a optimized, correct and fast ray, respectively aberrations calculation.
- Matrix interpolation for reduced on starting surface
Despite just a small number of starting surfaces many product variants (progression zone length) are possible.
- No COR PD
Because calculation is made for standard wearing situation. For orders of round lenses without any frame dates the background is still a standard frame – as it was for Multigressiv^{LT} – to calculate best possible value of lens tipping.
- Individual customer-PD will be considered by the optimization (individual Inset), but not in the centering data (PD centering data apart from PD HEP Data)!

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6. Benefits

Technology

- Unique Customization
- PD optimized Inset
- Freeform Technology
- Retina-Focus-Principle
- Optimization using Wavefront Technology
- HOA (high order aberration) of the lens optimized

Product benefits

- Optimized inset by consideration of the individual pupil distance and thus best vision in the near- and intermediate area
- 3 progression zone lengths, thus very flexible choice of frame
- Identical Vision zones R/L, also for anisometropia
- Very high spontaneous compatibility because of the balanced design
- Single vision similar distortion
- Constant self magnification and equal reflection on front surface
- Bending of the lenses adaptable to frame because of free base curve choice
- Very high vision and big vision zone
- Ideal vision area due to Optimization of the designs after new physiological expertise