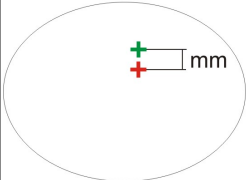
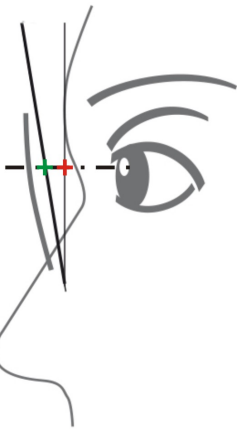


B2BCatalogOrderOptions

[b2bOpticLensCatalog](#)→[orderOptionRanges](#)

[b2bOpticLensCatalog](#)→[orderOptionNames](#)

values	description
	unit
	b2b lensorder element
	former SF6 element
BACK_VERTEX_DISTANCE	BVD with spectacle frame
	mm
	b2boptic → items → item → pair → lens → centration → backVertexDistance
	10 (BVD Correction)
BACK_VERTEX_DISTANCE_REFRACTION	BVD with trial frame / phoropter
	mm
	b2boptic → items → item → pair → patient → backVertexDistanceRefraction
	11 (BVD Refraction)
INTERPUPILLARY_DISTANCE	distance between the center of the pupils of the two eyes → do not use for centration!
	mm
	b2boptic → items → item → pair → patient → interpupillaryDistanceRight
	b2boptic → items → item → pair → patient → interpupillaryDistanceLeft
MONOCULAR_CENTRATION_DISTANCE_FAR	22 (Single PD) and 20 (Normal PD)
	monocular distance of the far centration point in the frame
	mm
	b2boptic → items → item → pair → lens → centration → monocularCentrationDistance
MONOCULAR_CENTRATION_DISTANCE_NEAR	21 (Glazing PD)
	monocular distance of the near centration point in the frame e.g. for reading glasses
	mm
	b2boptic → items → item → pair → lens → centration → monocularCentrationDistance
AXIS_GRADIENT_COLOR	21 (Glazing PD)
	axis for cylinder on polarised and gradient color
	none
	b2boptic → items → item → pair → lens → cylinder →
REFRACTION_FAR	23 (axis gradient color)
	far refractive power of the lens
	none
	b2boptic → items → item → pair → lens → rxDataFn → far
REFRACTION_NEAR	25 (Distance Refraction)
	near refractive power of the lens
	none
	b2boptic → items → item → pair → lens → rxDataFn → near
	26 (Near Refraction)

values	description	
	unit	
	b2b lensorder element	
	former SF6 element	
PANTOSCOPIC_ANGLE_DEG		
	degree	
	b2boptic → items → item → pair → frame → pantoscopicAngle (Unit of measure="DEG")	
	31 (Pantoscopic angle, degree)	
	30 (Pantoscopic angle, degree or mm)	
PANTOSCOPIC_ANGLE_MM	front view	side view
		
	mm	
	b2boptic → items → item → pair → frame → pantoscopicAngle (Unit of measure="MM")	
	32 (Pantoscopic angle, mm)	
	30 (Pantoscopic angle, degree or mm)	

values	description
	unit
	b2b lensorder element
	former SF6 element
FRAME_WRAP_ANGLE	
	Typical Values
	Flat dress eyewear 0° - 5°
	Standard everyday 5° - 8°
	Moderate sport 8° - 15°
	High-wrap sport 15° - 25°
	b2boptic → items → item → pair → frame → frameWrapAngle 40 (Wrap angle)
BASE_CURVE	basecurve of the lens
	dpt
	b2boptic → items → item → pair → lens → geometry → curve → baseCurve 42 (Base curve)
BASE_CURVE_FLAT	basecurve flatter than standard
	b2boptic → items → item → pair → lens → geometry → curve → flat 43 (Base curve (flat/steep))
BASE_CURVE_MORE_CURVED	basecurve steeper than standard
	b2boptic → items → item → pair → lens → geometry → curve → moreCurved 43 (Base curve (flat/steep))
BASE_CURVE_DEMO_LENS	basecurve of the demo lens
	dpt
	b2boptic → items → item → pair → lens → geometry → curve → baseCurveDemoLens 44 (Basecurve of Demolens)
BOX_WIDTH	width of box around frame (including facet)
	mm
	b2boptic → items → item → pair → frame → boxWidth 50 (Box width)
BOX_HEIGHT	height of box around frame (including facet)
	mm
	b2boptic → items → item → pair → frame → boxHeight 51 (Box height)
DISTANCE_BETWEEN_LENSSES	distance of boxes around frame
	mm
	b2boptic → items → item → pair → frame → distanceBetweenLenses 52 (Dbl)

values	description
	unit
	b2b lensorder element
	former SF6 element
FITTING_HEIGHT	Fitting height
	mm
	b2boptic → items → item → pair → lens → centration → height
	53 (Fitting height)
INSET	individual inset setting
	mm
	b2boptic → items → item → pair → lens → geometry → inset
	65 (Inset)
HEAD_TILT	the tilt of the patients head - quantitative in degrees
	degree
	b2boptic → items → item → pair → patient → headTilt
	70 (Head tilt)
HEAD_TILT_MAGNITUDE	the tilt of the patients head - qualitative
	b2boptic → items → item → pair → patient → headTiltMagnitude
	71 (Headtilt magnitude(gering/mittel/stark))
HEAD_CAPE	explanation headcape (head rotation)
	The Head Cape is the measured angle of the patient's Natural Head Posture (NHP).
	When asked to look straight ahead, if the patient slightly rotates their head to the left
	or right while focusing forward, this is their Head Cape.
	degree
	b2boptic → items → item → pair → patient → headCape
EYE_ROTATION_CENTER_DISTANCE_FRAME	72 (Head cape)
	Eye rotation centre distance b'
	mm
	b2boptic → items → item → pair → lens → centration → eyeRotationCenterDistance (reference="FRAME")
EYE_ROTATION_CENTER_DISTANCE_CORNEA	74 (Eye rotation centre distance b')
	Eye rotation centre distance Z'
	mm
	b2boptic → items → item → pair → lens → centration → eyeRotationCenterDistance (reference="CORNEA")
FIRST_NAME	75 (Eye rotation centre distance Z')
	patients first name
	none
	b2boptic → items → item → pair → patient → firstName
LAST_NAME	80 (First name patient)
	patients surname
	none
	b2boptic → items → item → pair → patient → lastName
	81 (Surname patient)

values	description
	unit
	b2b lensorder element
	former SF6 element
APPLIANCE_WEIGHT_FAR_PERCENT	Weighting of the far vision zone in percent, by using an orderoptionrange from 0 to 100 and a step of 100 a simple yes/no decision can be forced
	percent
	b2boptic → items → item → pair → patient → applianceWeight → weightingFar
	221 (Design number Room / far)
APPLIANCE_WEIGHT_MIDDLE_PERCENT	Weighting of the intermediate vision zone in percent, by using an orderoptionrange from 0 to 100 and a step of 100 a simple yes/no decision can be forced
	percent
	b2boptic → items → item → pair → patient → applianceWeight → weightingMiddle
	222 (Design number Intermediate)
APPLIANCE_WEIGHT_NEAR_PERCENT	Weighting of the near vision zone, by using an orderoptionrange from 0 to 100 and a step of 100 a simple yes/no decision can be forced
	percent
	b2boptic → items → item → pair → patient → applianceWeight → weightingNear
	223 (Design number Near)
DOMINANT_EYE	the dominating eye
	none
	b2boptic → items → item → pair → patient → DominantEye
	103 (Dominant eye)
PROGRESSION_LENGTH	progression length
	mm
	b2boptic → items → item → pair → lens → geometry → progressionLength
	110 (Progression length)
PROGRESSION_LENGTH_FRAMEFIT	progression length described by FrameFit value
	none
	b2boptic → items → item → pair → lens → frameFit → progressionCodeType (progressionCodeType="FrameFit")
	111 (Progression length (Framefit-value))
PROGRESSION_LENGTH_CCODE	progression length described by CCode value
	none
	b2boptic → items → item → pair → lens → frameFit → progressionCodeType (progressionCodeType="CCode")
	113 (Progression length (CCode-Value))
PROGRESSION_FAR_VISION_SHIFT_DISTANCE	Far Vision Vertical Shift distance Bz (to be completed explanation Bz) to Bf (distance reference point)
	mm
	b2boptic → items → item → pair → lens → geometry → progressionFarVisionShiftDistance
	215 (Design point Distance)

values	description
	unit
	b2b lensorder element
	former SF6 element
PROGRESSION_MIDDLE_VISION_SHIFT_DISTANCE	Middle Vision Vertical Shift distance
	mm
	b2boptic → items → item → pair → lens → geometry → progressionMiddleVisionShiftDistance
	217 (Design point Intermediate)
PROGRESSION_NEAR_VISION_SHIFT_DISTANCE	Near Vision Vertical Shift distance Bz (to be completed explanation Bz) to Bn (near reference point)
	mm
	b2boptic → items → item → pair → lens → geometry → progressionNearVisionShiftDistance
	216 (Design point Near)
HEAD_EYEMOVER_QUOTIENT	the head-eye-coefficient describes the weight between head- and eye movement
	none
	b2boptic → items → item → pair → patient → ipseo → he
	120 (Head / Eyemover Quotient / Eyemover Quotient)
STABILITY_COEFFICIENT	the stability-coefficient
	none
	b2boptic → items → item → pair → patient → ipseo → st
	121 (Stability coefficient)
ADDITION_REFRACTION_METHOD	describes how the addition power has been measured
	none
	b2boptic → items → item → pair → patient → additionRefractionMethod
	130 (Addition meas. method)
SHAPE_EXPLICIT	describes the lens shape with at least 18 points
	none
	b2boptic → items → item → pair → frame → shape → explicit
	140 (Rough shape (was "Form"))
SHAPE_TRACERDATA	describes the lens shape with at least 256 points (with variable gradation) or 500 points (with fixed gradation)
	none
	b2boptic → items → item → pair → frame → shape → tracerData
	141 (Fine shape)
SHAPE_SHAPEID_CATALOG	use a shape from a defined catalogue for shape related processes
	none
	b2boptic → items → item → pair → frame → shape → catalog → shapelid
	142 (Shape-No. from database)
THICKNESS_EDGE	given thickness on the lens edge
	mm
	b2boptic → items → item → pair → lens → geometry → thickness (reference="EDGE")
	145 (Rim thickness)

values	description
	unit
	b2b lensorder element
	former SF6 element
THICKNESS_CENTER	given thickness on the lens center
	mm
	b2boptic → items → item → pair → lens → geometry → thickness (reference="CENTER")
	146 (Centre thickness)
THICKNESS_DRILLHOLE	given thickness on a drillhole
	mm
	b2boptic → items → item → pair → lens → geometry → thickness (reference="DRILLHOLE")
	147 (Thickness at drillhole)
DESIGNTYPE	describes the preference for a progressive lens design e.g. far, intermediate or near
	none
	b2boptic → items → item → pair → lens → geometry → designType
	160 (Design type)
BRANDING	describes if a brand engraving can be selected
	none
	b2boptic → items → item → pair → lens → branding
	199 (Branding)
BRANDING_POSITION_POLAR	will be used if the branding position can be defined individually
	mm and degree
	b2boptic → items → item → pair → lens → branding → position
	(new)
BRANDING_POSITION_CARTESIAN	will be used if the branding position can be defined individually
	mm
	b2boptic → items → item → pair → lens → branding → position
	(new)
ENGRAVING_TEXT	individual engraving in the lens (text)
	none
	b2boptic → items → item → pair → lens → engraving
	200 (Engraved text/Lens/engraving)
REFRACTION_DISTANCE_NEAR	refraction distance for close range (e.g. reading)
	mm
	b2boptic → items → item → pair → patient → nearRefractionDistance
	203 (Refraction distance Near)
DECENTRATION_HORIZONTAL	individual decentration in horizontal direction
	mm
	b2boptic → items → item → pair → lens → geometry → decentration → horizontal
	205 (Horizontal Decentration)

values	description
	unit
	b2b lensorder element
	former SF6 element
PROGRESSION_ZONE_CALCULATION_TYPE	Type of calculation of the progression zone length
	none
	b2boptic → items → item → pair → lens → geometry → progressionZoneCalculationType
	208 (Calculation type of progression zone)
OBJECT_DISTANCE_NEAR	object distance for close range (e.g. reading)
	mm
	b2boptic → items → item → pair → patient → nearObjectDistance
	212 (Near object distance)
OBJECT_DISTANCE_MIDDLE	object distance for middle range
	mm
	b2boptic → items → item → pair → patient → middleObjectDistance
	218 (Working distance/ Object distance Intermediate)
OBJECT_DISTANCE_FAR	object distance for far range
	mm
	b2boptic → items → item → pair → patient → farObjectDistance
	219 (Working distance/ Object distance Room)
WAVEFRONTOPTIMISATION	optimize the lens with the wavefront data
	none
	b2boptic → items → item → pair → lens → geometry → waveFrontOptimisation
	230 (Optimised wavefront)
HANDEDNESS	preference for using right, left or both hands
	none
	b2boptic → items → item → pair → patient → handedness (HandednessSide)
	240 handedness (right/left/balanced)
THINNINGPRISM_AUTO	automatic calculation of the individual thinning prism in freeform lenses
	none
	b2boptic → items → item → pair → lens → geometry → thinningPrism
	250 (ThinningPrismAutoType)
THINNINGPRISM_VALUE	specific value for the individual thinning prism in freeform lenses
	cm/m
	b2boptic → items → item → pair → lens → geometry → thinningPrism
	251 (ThinningPrismValue)
COLOR_NAME	free text to describe a „tint to sample“-order
	none
	b2boptic → items → item → pair → lens → colorName
	(new)

values	description
	unit
	b2b lensorder element
	former SF6 element
REMARK	remark for a single lens
	none
	b2boptic → items → item → pair → lens → remark
	(new)
PUPILDIAMETER	diameter of the pupil
	mm
	b2boptic → items → item → pair → patient → pupillometryData
	260 (pupildiameter)
ILLUMINANCE	level of illuminance to which the pupils are exposed
	lx
	b2boptic → items → item → pair → patient → pupillometryData
	261 (illuminance)
NEARVISIONBEHAVIOUR	to be completed by Essilor
	none
	b2boptic → items → item → pair → patient → nvb
	270 (NVB)
BODYHEIGHT	bodyheight
	mm
	b2boptic → items → item → pair → patient → bodyheight
	280 (Bodyheight)
BIRTHDATE	birthdate
	none
	b2boptic → items → item → pair → patient → dateOfBirth
	83
CRAFTSMANMODE	to be completed
	to be completed
	b2boptic → items → item → pair → patient →
	to be completed
INSURANCE_DURATION	85
	to be completed
	to be completed
	b2boptic → items → item → options → insurance → duration
SENSITIVITY_FARVISION	300
	sensitivity farVision
	to be completed
	b2boptic → items → item → pair → patient → sensitivity → farVision
SENSITIVITY_NEARVISION	290 (Sensitivity/FarVision)
	sensitivity/nearVision
	to be completed
	b2boptic → items → item → pair → patient → sensitivity → nearVision
	291 (Sensitivity/NearVision)

values	description
	unit
	b2b lensorder element
	former SF6 element
SENSITIVITY_PREVIOUSDESIGN	sensitivity/previousDesign
	to be completed
	b2boptic → items → item → pair → patient → sensitivity → previousDesign
	292 (Sensitivity/PreviousDesign)
CENTRATION_CONSIDERED_PRISM_HOR	prism considered at horizontal centration
	none
	b2boptic → items → item → pair → lens → centration → monocularCentrationDistance → consideredPrism
CENTRATION_CONSIDERED_PRISM_VER	prism considered at vertical centration
	none
	b2boptic → items → item → pair → lens → centration → height → consideredPrism
BIOMETRIC_AXIAL_LENGTH	to be completed
	mm
	b2boptic → items → item → pair → patient → biometerData → biometerMeasurement → results → result → axialLength
	310
BIOMETRIC_CENTRAL_CORNEA_THICKNESS	to be completed
	mm
	b2boptic → items → item → pair → patient → biometerData → biometerMeasurement → results → result → centralCorneaThickness
	311
BIOMETRIC_ANTERIOR_CHAMBER_DEPTH	to be completed
	mm
	b2boptic → items → item → pair → patient → biometerData → biometerMeasurement → results → result → anteriorChamberDepth
	312
BIOMETRIC_CRYSTALLINE_LENS_THICKNESS	to be completed
	mm
	b2boptic → items → item → pair → patient → biometerData → biometerMeasurement → results → result → crystallineLensThickness
	313
ADDITION2	to be completed
	to be completed
	to be completed
	320
ATORIC_OPTIMISATION	to be completed
	to be completed
	to be completed
	330

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