



GKB VISION PVT LTD

TECHNICAL DATASHEET

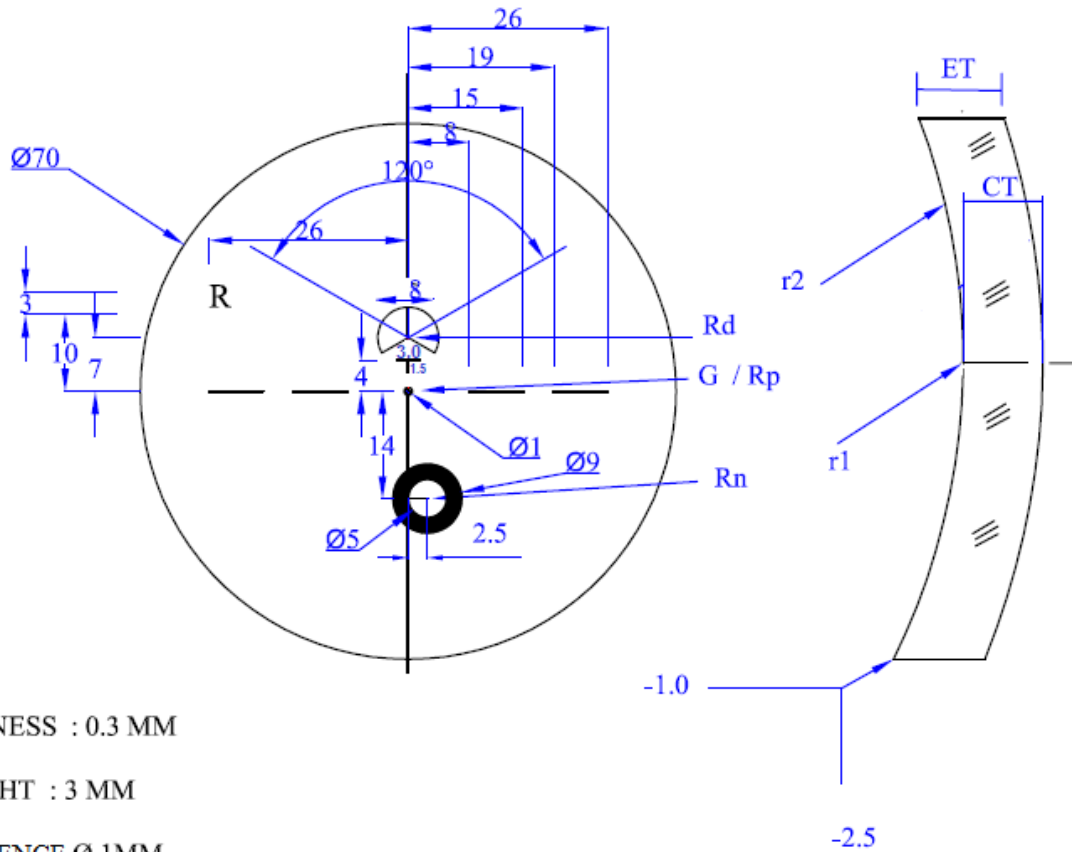
DOCUMENT NO : GKB/V/P/F/03B

ISSUE DATE : 18-10-2016

**PRODUCT FAMILY :RI 1.5 PROASPHERICA 70
MM Ø**

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GKB VISION PVT LTD ISO 9001:2008 CERTIFIED	RI 1.525 PROASPHERICA 70 MM	Doc. No. GKB/V/P/F/03B
	SEMI FINISHED MINERAL LENS	Issue No. 01
		Issue Date 18-10-2016



LINE THICKNESS : 0.3 MM

SCRIPT HEIGHT : 3 MM

PRISM REFERENCE Ø 1MM

PRINT COLOUR : **TAMPOPRINT COLOR ORANGE G3 (T-01-3737)**

DIMENSIONAL DETAILS

G -Geometrical center

CT-Thickness at geometrical center

ET- Edge thickness

r1- Convex radius at distance reference point

r2- Concave radius

Rn-Near reference point

Rp-Prism reference point

Rd- Distancerference point

T-Fitting cross

NOTE : ALL DIMENSIONS IN mm

RI	1.525
LOGO	

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Prepared by CHETNA MAHALE	Approved by YESHWANT LAWANDE	Page 2 of 4
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	SEMI FINISHED MINERAL LENS							Issue No.	01
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Maximum Cylinder	2.00 DPT
Width Of Far Vision 8 mm Above MRP 0.5[d]	29.5 mm
Width Of Corridor 1.0[d]	06.9 mm
Width Of Near Zone 16 mm 1.0[d]	13.9 mm
Width Of Near Zone 20 mm 1.0[d]	17.8 mm
Fitting Cross	04.0 mm
Start Of Progressive	04.0 mm
End Of Progressive	16.0 mm
Suggested Fitting Height	20.0 mm
Minimum Fitting Height [MFH]	18.0 mm

PRODUCT RANGE

Type	R.I.	Base	Add Power Range [dpt]	Diameter [mm]
WHT/PGX/PBX	1.525	3.50, 4.50, 5.50, 6.75	0.75 to 3.50	70

BLANK DATA – 1.525 WHT/ PGX/ PBX

Nominal Curve [dpt]	Centre Thickness [mm] [+ 3 mm]	Edge Thickness [mm]	Diameter [mm]
	CT	ET	
3.50	7.5	10.6	70.0
4.50	7.5	9.4	70.0
5.50	7.5	8.0	70.0
6.75	7.5	6.4	70.0

TRUE CURVE(1.530) [dpt]	Convex Radius [mm]	Concave Curve [dpt]	Concave radius [mm]
3.476	152.48	-6.00	88.33
4.540	116.74	-6.00	88.33
5.644	93.90	-6.00	88.33
6.800	77.94	-6.00	88.33

THICKNESS REDUCTION PRISM

Add power(dpt)	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
Prism [cm/m]	0.50	0.60	0.75	0.90	1.10	1.25	1.40	1.50	1.75	1.75	1.85	2.00

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CHEITNA MAHALE	YESHWANT LAWANDE	

POWER RANGE FOR EACH BASE CURVE – 1.525

Sphere	Minus Cylinder Power																	
	0.00	-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-3.00	-3.25	-3.50	-3.75	-4.00	
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