



# GKB VISION PVT LTD

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## TECHNICAL DATASHEET

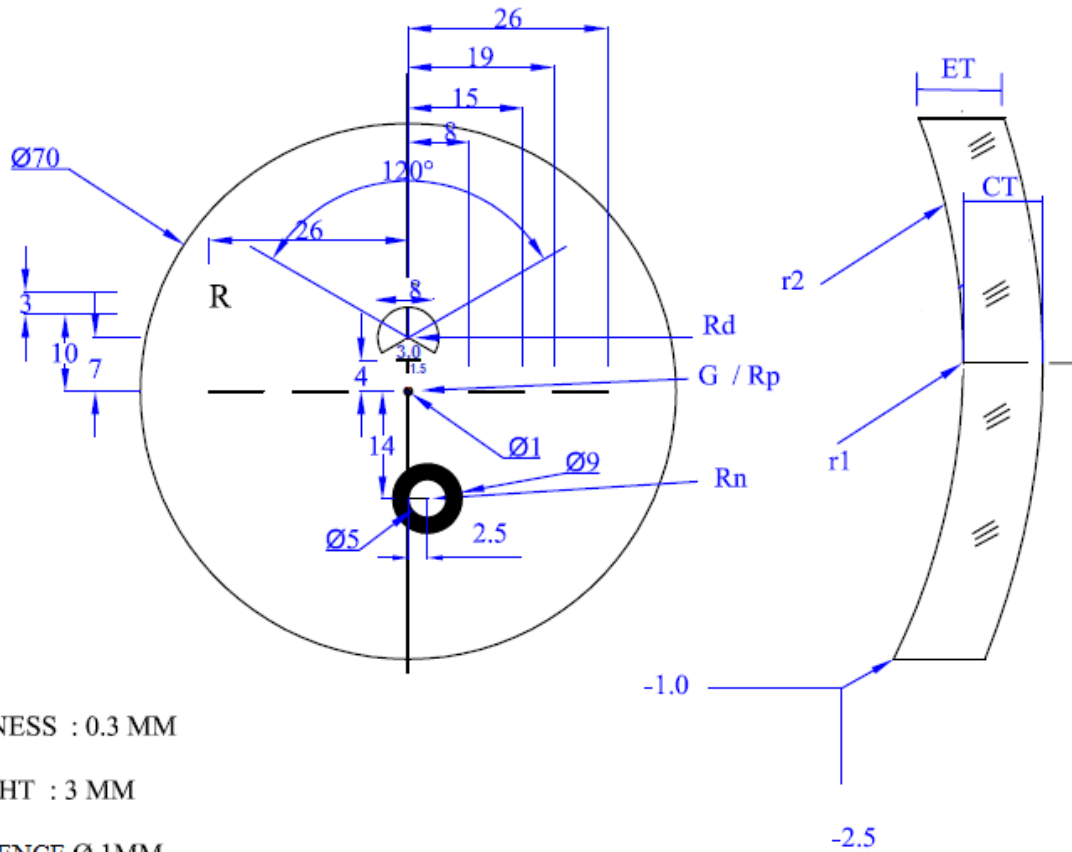
**DOCUMENT NO : GKB/V/P/F/03F**

**ISSUE DATE : 18-10-2016**

**PRODUCT FAMILY : PROASPHERICA 1.604 RI  
Ø 70 MM**

CONTROLLED COPY

<b>GKB VISION</b> <b>PVT LTD</b> ISO 9001:2008 CERTIFIED	<b>RI 1.604 PROASPHERICA 70 MM</b>	<b>Doc. No.</b> <b>GKB/V/P/F/03F</b>
	<b>SEMI FINISHED MINERAL LENS</b>	<b>Issue No.</b> <b>01</b>
		<b>Issue Date</b> <b>18-10-2016</b>



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- Distancereference point

T-Fitting cross

**NOTE : ALL DIMENSIONS IN mm**

RI	1.604
LOGO	

**CONTROLLED COPY**

<b>Prepared by</b> <b>CHEITNA MAHALE</b>	<b>Approved by</b> <b>YESHWANT LAWANDE</b>	<b>Page 2 of 4</b>
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<b>GKB VISION PVT LTD</b> ISO 9001:2008 CERTIFIED	<b>RI 1.604 PROASPHERICA 70 MM</b>	<b>Doc. No.</b>	<b>GKB/V/P/F/03F</b>
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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/PBX	1.604	3.50, 4.50, 5.50, 6.75	1.00 to 3.00 & 3.50	70

### BLANK DATA – 1.604 WHT / PBX - 70 MM

Nominal Curve [dpt]	Centre Thickness [mm] [ + 3 mm]	Edge Thickness [mm]	Diameter [mm]
	CT	ET	
3.50	7.5	10.60	70.0
4.50	7.5	9.30	70.0
5.50	7.5	7.95	70.0
6.75	7.5	6.40	70.0

TRUE CURVE(1.530) [dpt]	Convex Radius [mm]	Concave Curve [dpt]	Concave radius [mm]
3.510	151.00	-6.00	88.33
4.580	115.71	-6.00	88.33
5.660	93.64	-6.00	88.33
6.791	78.04	-6.00	88.33

THICKNESS REDUCTION PRISM											
Addition power(dpt)	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.50	
Prism [cm/m]	0.50	0.60	0.75	0.90	1.00	1.10	1.25	1.40	1.50	1.75	

<b>Prepared by</b>	<b>Approved by</b>	<b>Page 3 of 4</b>
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**POWER RANGE FOR EACH BASE CURVE – 1.60**

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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