

1.67 FINISHED ASPHERIC SINGLE VISION LENS TRANSITIONS® SIGNATURE GEN 8 (Diameter 70-80 mm)

MATERIAL REFRACTIVE PROPERTY		TRANSMISSION PROPERTY (UNCOAT LENS 2 MM)	
Refractive Index	1.669	Lens Classification	Photochromic Spectacle Lenses
Abbe Value	31	Lens Filter Categories	Category 0 at Clear Stage and Category 3
Density	1.37	Traffic Signal Light Recognition ISO14889-1997	Pass

Stock Range

DIAMETER (mm)	POWER	CYLINDER
70	-7.25 to -8.00	1.25 to 2.00
75	-6.25 to -7.00	0.00 to 2.00
75	-7.25 to -8.00	0.00 to 1.00
80	-2.00 to -6.00	0.00 to 2.00

Diameter 70 mm

POWER	FRONT NOMINAL CURVE	BACK NOMINAL CURVE	CT	POWER	FRONT NOMINAL CURVE	BACK NOMINAL CURVE	CT
-7.25	0.78	0.98	1.10	-7.75	0.38	0.48	1.10
-7.50	0.58	0.73	1.10	-8.00	0.19	0.23	1.10

Usefull : Tol (mm) ≥ Ø n - 2

Diameter 75 mm

POWER	FRONT NOMINAL CURVE	BACK NOMINAL CURVE	CT	POWER	FRONT NOMINAL CURVE	BACK NOMINAL CURVE	CT
-6.25	0.78	0.98	1.10	-7.25	0.78	0.98	1.10
-6.50	0.58	0.73	1.10	-7.50	0.58	0.73	1.10
-6.75	0.38	0.48	1.10	-7.75	0.38	0.48	1.10
-7.00	0.19	0.23	1.10	-8.00	0.19	0.23	1.10

Usefull : Tol (mm) ≥ Ø n - 2

TECHNICAL DATA

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sDiameter 80 mm

POWER	FRONT NOMINAL CURVE	BACK NOMINAL CURVE	CT	POWER	FRONT NOMINAL CURVE	BACK NOMINAL CURVE	CT
-2.00	1.98	2.49	1.30	-4.25	1.38	1.74	1.20
-2.25	2.18	2.74	1.20	-4.50	1.19	1.49	1.20
-2.50	1.98	2.49	1.20	-4.75	0.99	1.24	1.20
-2.75	1.78	2.24	1.20	-5.00	0.79	0.99	1.20
-3.00	1.58	1.99	1.20	-5.25	0.99	1.24	1.20
-3.25	1.78	2.24	1.20	-5.50	0.79	0.99	1.20
-3.50	1.58	1.99	1.20	-5.75	0.59	0.74	1.20
-3.75	1.38	1.74	1.20	-6.00	0.39	0.49	1.20
-4.00	1.19	1.49	1.20				

Usefull : Tol (mm) ≥ Ø n - 2