

Product Reference Guide

High Index

1.67 – MR7, MR10

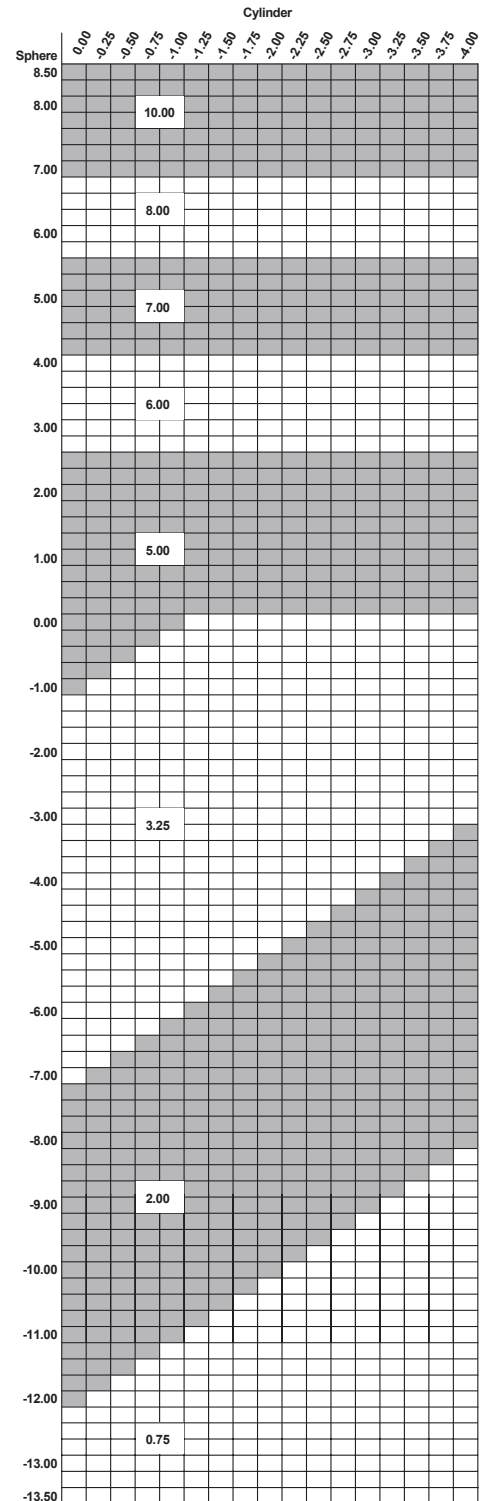
Aspheric Semi-Finished Single Vision

70mm Aspheric Single Vision (SRC®, NSRC®)

Base Curve	True Curve (1.530)	Front Radius	50mm SAG**	Back Curve	Back Radius	CT (mm) Nominal	ET (mm) Nominal	Diameter
0.75	0.58	918.62	0.34	-7.14	-74.20	9.0	16.3	70
2.00	1.62	327.43	0.95	-6.23	-85.02	8.0	13.5	70
3.25	2.52	209.96	1.48	-5.33	-99.38	7.0	10.2	70
5.00	3.92	135.34	2.30	-5.33	-99.38	7.0	8.7	70
6.00	4.69	113.11	2.75	-5.33	-99.38	8.0	9.0	70
7.00	6.03	87.91	3.56	-5.33	-99.38	9.0	8.5	70
8.00	6.89	76.97	4.08	-5.33	-99.38	9.0	7.8	70
10.00	8.20	64.67	4.89	-5.33	-99.38	9.0	6.0	70

**Utilized for power calculation only, not for thickness calculation.

Base Curve Selection



Product Reference Guide

High Index

1.67 – MR7, MR10

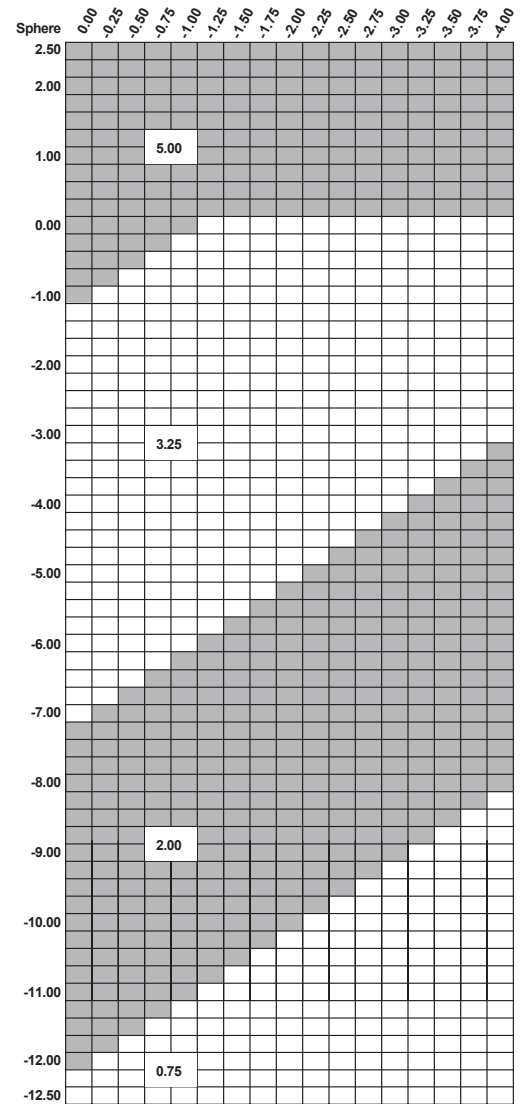
Aspheric Semi-Finished Single Vision

75mm Aspheric Single Vision (SRC®, NSRC®)

Base Curve	True Curve (1.530)	Front Radius	50mm SAG**	Back Curve	Back Radius	CT (mm) Nominal	ET (mm) Nominal	Diameter
0.75	0.56	951.43	0.33	-7.14	-74.20	9.0	17.3	75
2.00	1.61	329.87	0.94	-6.23	-85.02	8.0	14.1	75
3.25	2.54	208.65	1.49	-5.33	-99.38	7.0	10.7	75
5.00	3.92	135.04	2.30	-5.33	-99.38	7.0	9.0	75

**Utilized for power calculation only, not for thickness calculation.

Base Curve Selection



Product Reference Guide

High Index

1.67 – MR7, MR10

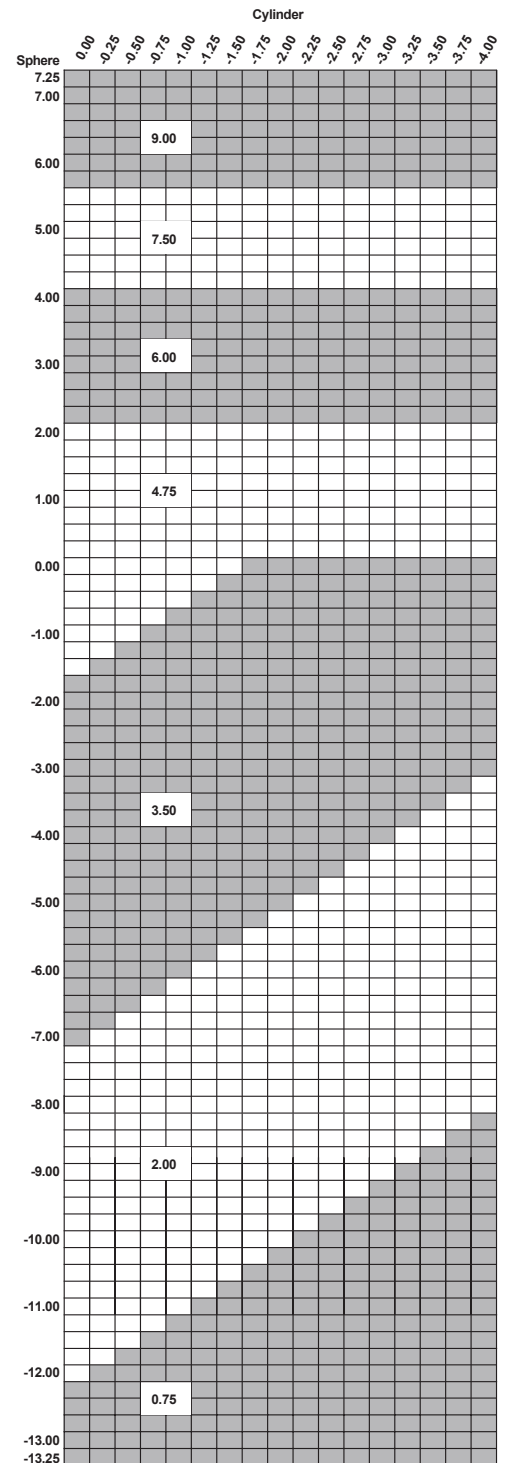
Spherical Semi-Finished Single Vision

70mm Spherical Single Vision (SRC®, NSRC®)

Base Curve	True Curve (1.530)	Front Radius	50mm SAG*	Back Curve	Back Radius	CT (mm) Nominal	ET (mm) Nominal	Diameter
0.75	0.58	916.04	0.34	-7.14	-74.20	9.0	17.3	70
2.00	1.54	344.81	0.90	-6.22	-85.25	8.0	13.7	70
3.50	2.75	192.53	1.62	-5.34	-99.29	7.0	10.5	70
4.75	3.70	143.34	2.17	-5.34	-99.29	7.0	9.2	70
6.00	4.80	110.36	2.83	-5.34	-99.29	8.0	8.7	70
7.50	6.02	88.07	3.56	-5.34	-99.29	9.0	8.5	70
9.00	7.22	73.39	4.30	-5.34	-99.29	10.0	7.7	70

*Utilized for power calculation only, not for thickness calculation.

Base Curve Selection



Product Reference Guide

High Index

1.67 – MR7, MR10

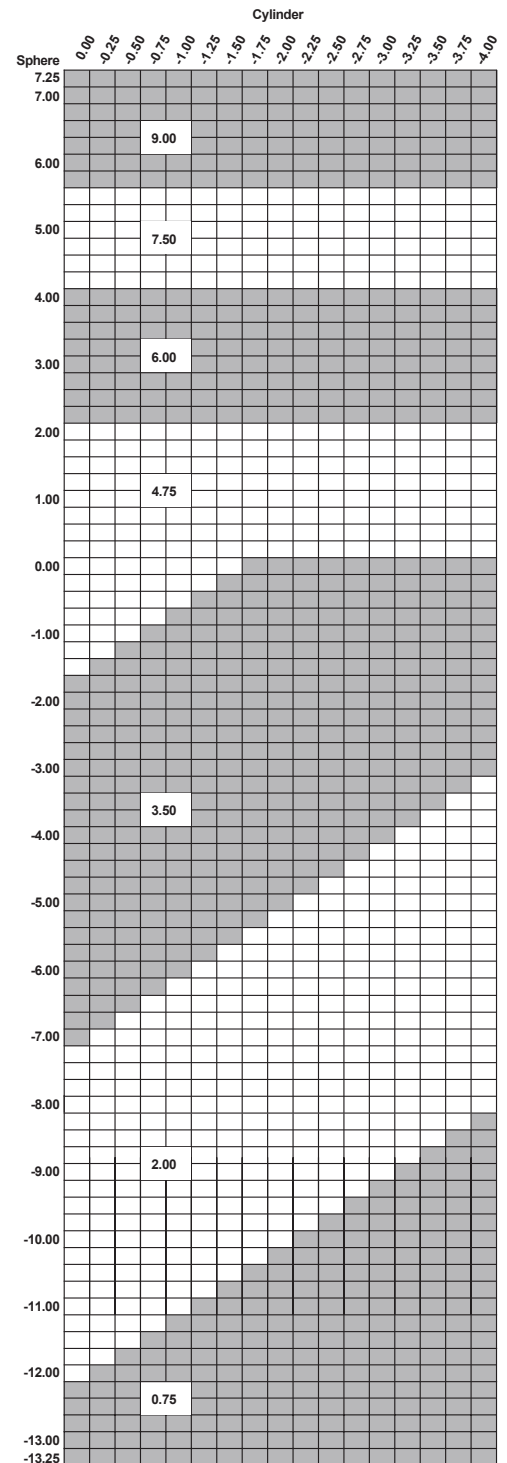
Spherical Semi-Finished Single Vision

75mm Spherical Single Vision (SRC®, NSRC®)

Base Curve	True Curve (1.530)	Front Radius	50mm SAG*	Back Curve	Back Radius	CT (mm) Nominal	ET (mm) Nominal	Diameter
0.75	0.58	916.04	0.34	-7.14	-74.20	9.0	17.9	75
2.00	1.54	344.81	0.90	-6.22	-85.25	8.0	14.2	75
3.50	2.75	192.53	1.62	-5.34	-99.29	7.0	10.6	75
4.75	3.70	143.34	2.17	-5.34	-99.29	7.0	9.3	75
6.00	4.80	110.36	2.83	-5.34	-99.29	8.0	9.0	75
7.50	6.02	88.07	3.56	-5.34	-99.29	9.0	8.2	75
9.00	7.22	73.39	4.30	-5.34	-99.29	10.0	7.2	75

*Utilized for power calculation only, not for thickness calculation.

Base Curve Selection



Product Reference Guide

High Index

1.67 A FSV SuperHydro AR – MR7
Aspherical Finished Single Vision
 65mm, 70mm, 75mm Finished Single Vision

Sphere Power Up to -2.00 cyl	Base Curve	Center Thickness	Diameter
+6.00	6.25	5.4	65
+5.75	6.25	5.2	65
+5.50	6.00	5.0	65
+5.25	5.75	4.8	65
+5.00	5.50	4.6	65
+4.75	5.25	4.4	65
+4.50	5.50	4.3	65
+4.25	5.25	4.1	65
+4.00	5.25	3.9	65
+3.75	5.00	3.7	65
+3.50	4.75	3.5	65
+3.25	4.50	3.3	65
+3.00	4.75	3.1	65
+2.75	4.50	2.9	65
+2.50	4.50	2.7	65
+2.25	4.25	2.5	65
+2.00	4.50	2.7	70
+1.75	4.25	2.6	70
+1.50	4.00	2.5	70
+1.25	3.75	2.4	70
+1.00	4.00	2.3	70
+0.75	3.75	2.2	70
+0.50	3.50	2.1	70
+0.25	3.50	2.0	70
Plano	3.25	2.1	75
-0.25	3.00	1.9	75
-0.50	2.75	1.8	75
-0.75	2.50	1.7	75
-1.00	2.50	1.6	75
-1.25	2.50	1.5	75
-1.50	2.50	1.4	75
-1.75	2.25	1.3	75
-2.00	2.00	1.2	75
-2.25	2.25	1.2	75
-2.50	2.00	1.2	75
-2.75	1.75	1.2	75
-3.00	1.50	1.2	75
-3.25	1.75	1.2	75
-3.50	1.50	1.2	75
-3.75	1.50	1.2	75
-4.00	1.25	1.2	75
-4.25	1.50	1.2	75
-4.50	1.25	1.2	75
-4.75	1.00	1.2	75
-5.00	0.75	1.2	75
-5.25	1.00	1.2	75
-5.50	0.75	1.2	75
-5.75	0.50	1.2	75
-6.00	0.50	1.2	75
-6.25	1.00	1.2	70
-6.50	0.75	1.2	70
-6.75	0.50	1.2	70
-7.00	0.50	1.2	70
-7.25	1.00	1.2	70
-7.50	0.75	1.2	70
-7.75	0.50	1.2	70
-8.00	0.50	1.2	70
-8.25	1.00	1.2	70
-8.50	0.75	1.2	70
-8.75	0.50	1.2	70
-9.00	0.50	1.2	70
-9.25	1.00	1.2	70
-9.50	0.75	1.2	70
-9.75	0.50	1.2	70
-10.00	0.50	1.2	70
-10.25	1.00	1.2	70
-10.50	0.75	1.2	70
-10.75	0.50	1.2	70
-11.00	0.50	1.2	70
-11.25	1.00	1.2	70
-11.50	0.75	1.2	70
-11.75	0.50	1.2	70
-12.00	0.50	1.2	70

Base Curve Selection

