

# COMAR

Optics for the real world

## 40 DQ 06

Positive achromatic doublets



Photo representative of the Positive achromatic doublets range, and may not show the part 40 DQ 06.

### 40 DQ 06 specification

|                                   |           |
|-----------------------------------|-----------|
| Diameter (mm)                     | 6.3       |
| Diameter tolerance (mm)           | +0 -0.1mm |
| Design aperture                   | 5.3       |
| Focal length (mm)                 | 40        |
| Focal length tolerance (at 587nm) | ±1%       |
| Back focal length (mm)            | 38.5      |
| Centre thickness (mm)             | 3.3       |
| Edge thickness (mm)               | 3         |
| Centration                        | 0.1mm     |
| Diffraction limited?              | Yes       |
| Scratch-dig                       | 40-20     |
| Coating type                      | SLAR      |



Two typical curves are shown for each coating. Curve 2 applies only to convex surfaces of short radius (R greater than 1.33 x dia.) and Curve 1 to all other surfaces.