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50mm Max. Aperture, Mounted Burnished Steel Leaves Iris Diaphragm



Standard Series

Stock **#23-267** **1 In Stock**

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1

+

₹14,303

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Volume Pricing	
Qty 1-4	₹14,303 each
Qty 5-9	₹12,594 each
Qty 10-25	₹11,589 each
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General	
Mounted	Type:
Physical & Mechanical Properties	
50.0	Maximum Aperture (mm):
90.0	Outer Diameter (mm):

Anodized Aluminum Alloy, Burnished Spring Steel Leaves	Construction:
70.0	Inner Diameter (mm):
3.00	Lever Diameter (mm):
15.00	Lever Length (mm):
18.00	Number of Leaves:
7.00	Thickness (mm):

Optical Properties

2.5, Typical	Minimum Aperture (mm):
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Threading & Mounting

8-32	Mounting Threads:
4-40	Set Screw Thread:

Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 235:
Germany	Country of Origin:
Edmund Optics India Private Limited	Imported By:

Product Details

• Corrosion and High Temperature Resistance Housing

• Anti-Reflective (AR) Spring Steel or Burnished Spring Steel Leaf Options Available

• Mounted Version Features both an English and Metric Tapped Hole for Easy Post Mounting

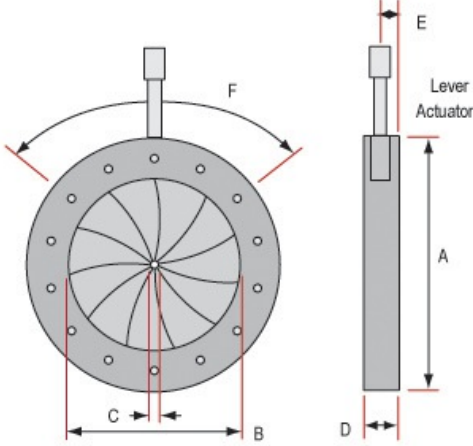
High Performance Standard Series Iris Diaphragms utilize high-quality materials combined with the highest fabrication standards to guarantee optimum performance and reliability even under extreme environmental conditions. Different leaf and aperture diameter options allow these irises to be successfully integrated into a variety of applications, including imaging and high-temperature environments. Known pin/tab angular deviation allows upfront, accurate assessment of movement requirements. Mounted versions of these diaphragms feature both metric and English tapped holes for easypost mounting. These diaphragms are offered with maximum apertures of 5 – 75mm and that have outer diameters ranging from 10 to 100mm. High Performance Standard Series Iris Diaphragms are constructed of a corrosion-resistant, matte finish, black anodized aluminum alloy.

For specific OEMapplication assistance, please contact our [Applications Engineering Department](#).

Note: [Iris Diaphragm Mounts](#) sold separately.

Technical Information

Outer Diameter A	Maximum Aperture B	Minimum Aperture C	Thickness D	Level Position E	Full Angular Range of Lever F	Stock No.
10mm	5mm	0.5mm	4mm	2.4mm	76°	#57-573
						#57-578
12mm	7mm	0.5mm	4mm	2.4mm	85°	#57-574
						#57-579
14.8mm	8mm	1mm	4.5mm	2.5mm	81°	#57-580
						#64-507
19.8mm	12mm	1mm	4mm	2.5mm	80°	#57-575
						#57-581
28mm	18mm	1mm	5mm	2.9mm	89°	#57-576
30mm	20mm	1.2mm	5.5mm	2.9mm	90°	#57-577
						#64-508
37mm	25mm	1.5mm	5.5mm	3mm	93°	#57-582
53mm	37mm	2.5mm	6mm	3.2mm	89°	#57-583
70mm	50mm	2.5mm	7mm	3.8mm	84°	#57-584
82mm	60mm	4mm	8mm	4.5mm	91°	#57-585

100mm	75mm	4mm	9mm	4.5mm	95°	#57-586
High Performance Iris Diaphragms  The diagram illustrates the dimensions of a high performance iris diaphragm. The front view (left) shows a circular component with a central hub and radial vanes. Dimensions B and C indicate the outer and inner diameters, respectively. Dimension F shows the angular span of the vanes. The side view (right) shows the profile of the diaphragm, with dimension A representing the total height, D representing the base thickness, and E representing the height of the lever actuator.						