

# Bovine Pericardium Organic Biologic Valvar Prosthesis

Experience

Quality

Performance

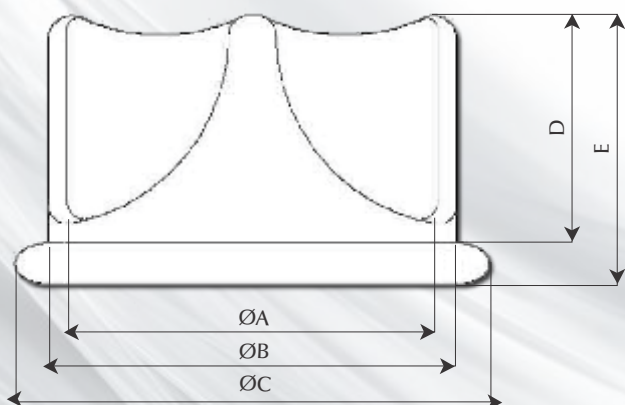


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BIOMÉDICA

**Description:** The Bovine Pericardium Organic Biologic Valvar Prosthesis is made with bovine pericardium treated with glutaraldehyde and preserved in formaldehyde 4%. This treatment grants it the adequate characteristics of resistance, flexibility and absence of antigenicity. The bioprosthesis is manufactured on a polyacetal strut coated with bovine pericardium, on which the cusps are mounted. A special stainless steel wire, externally inserted on the support ring, reinforces the ring base consistency and enables to identify the bioprosthesis position in the patient with a simple x-ray examination.

**Indication:** The Organic Biologic Valvar Prosthesis of Bovine Pericardium is recommended for the replacement of the Mitral, Aortic, Tricuspid or Pulmonary Valves.



### Technical Specifications (mm)

| Dimensions | ØA<br>± 0,5 | ØB<br>± 0,5 | ØC<br>± 1,0 | D<br>± 0,5 | E<br>± 0,5 | Aórtic<br>Code | Mitral<br>Code | Avg. Pressure<br>Grad. (mmHg) | Effective Orifice<br>area (cm <sup>2</sup> ) |
|------------|-------------|-------------|-------------|------------|------------|----------------|----------------|-------------------------------|----------------------------------------------|
| 19         | 14          | 19          | 23          | 7          | 10         | 8316           | -              | 10,98                         | 1,10                                         |
| 21         | 16          | 21          | 25          | 8          | 11         | 8329           | -              | 4,68                          | 1,50                                         |
| 23         | 18          | 23          | 27          | 9          | 12         | 8332           | -              | 4,10                          | 1,72                                         |
| 25         | 20          | 25          | 29          | 10         | 13         | 8358           | 101347         | 3,65                          | 1,95                                         |
| 27         | 22          | 27          | 31          | 11         | 14         | 8361           | 101356         | 2,42                          | 2,47                                         |
| 29         | 24          | 29          | 33          | 12         | 15         | 8374           | 101392         | 1,55                          | 3,07                                         |
| 31         | 26          | 31          | 35          | 13         | 16         | -              | 8387           | 1,33                          | 3,45                                         |
| 33         | 28          | 33          | 37          | 13         | 16         | -              | 8390           | 0,56                          | 3,88                                         |
| 35         | 30          | 35          | 39          | 14         | 17         | -              | 8402           | 0,54                          | 4,27                                         |



#### Braile Biomédica Indústria, Comércio e Representações Ltda.

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