

# CENTRIFUGAL PUMP SAFIRA CENTRIFLUX®

with BRCoating®



Recommended for:

Cardiac Surgery

Minimally Invasive Surgery

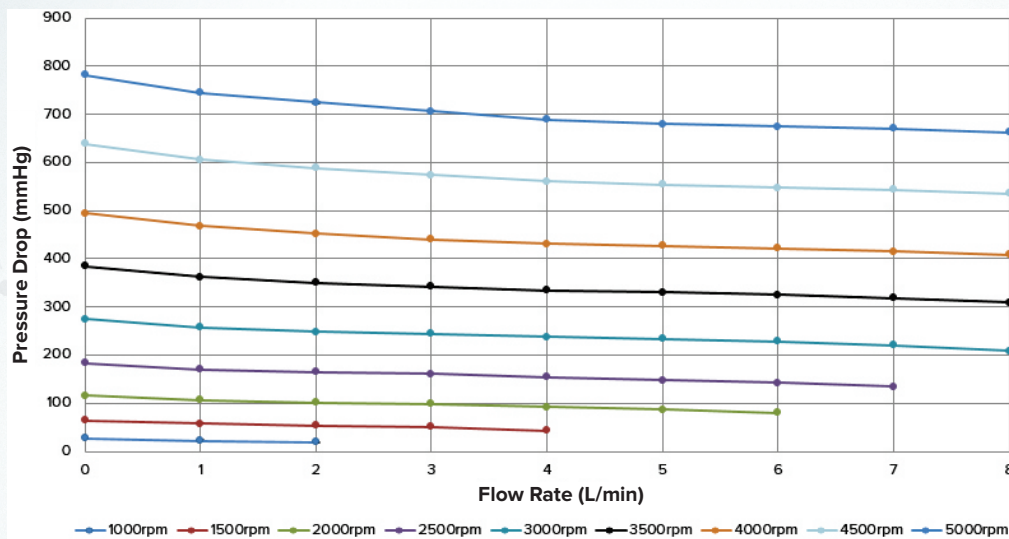
Life Support (ECMO)

**Descrição:** The Centrifugal Pump Safira Centriflux® with BRCoating® consists of a body (housing) with two connectors (upper inlet and lateral outlet of blood), which contains a rotor (by magnetic coupling), responsible for generating the centrifugal force that drives the blood. The Centrifugal Pump is treated with the biocompatible coating called BRCoating®, consisting of recombinant human albumin, this solution covers the internal surface of the product, reducing the interaction between blood and the device. The product is composed of polymeric materials and a sphere suitable for medical applications and sterilizable by Ethylene Oxide (ETO).

**Indicação:** The Centrifugal Pump Safira Centriflux® with BRCoating® is indicated for extracorporeal membrane oxygenation (ECMO) technique, in cardiac surgeries with extracorporeal circulation and in extracorporeal life support procedure (ECLS), in cardiac and/or respiratory failure patients. The Centrifugal Pump Safira Centriflux® with BRCoating® has the function of pumping blood through the circuit, returning it to the patient.



### Hydrodynamic Performance



| Features                 |                   |
|--------------------------|-------------------|
| Maximum Flow Rate        | 1 - 7L/min        |
| Centrifugal Pump Surface | 192m <sup>2</sup> |
| Centrifugal Pump Prime   | 32ml              |
| Connectors               |                   |
| Blood Inlet              | 3/8"              |
| Blood Outlet             | 3/8"              |

| Materials         |               |
|-------------------|---------------|
| Safira Housing    | Polycarbonate |
| Rotor             | Polycarbonate |
| Magnet            | N48 Bipolar   |
| Protective Covers | Polyethylene  |
| Coating           | BRCoating®    |