

Safira

Centriflux

Centrifugal Pump

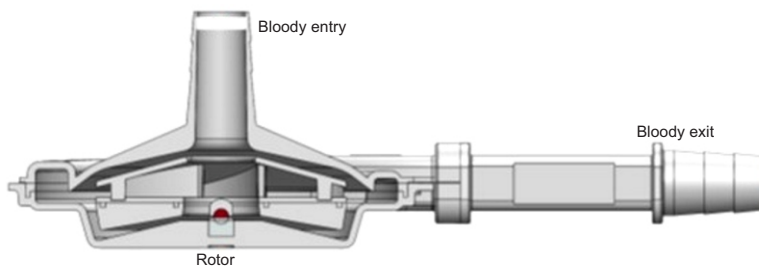


- ▶ High performance, compatibility and stability
- ▶ Low blood stress

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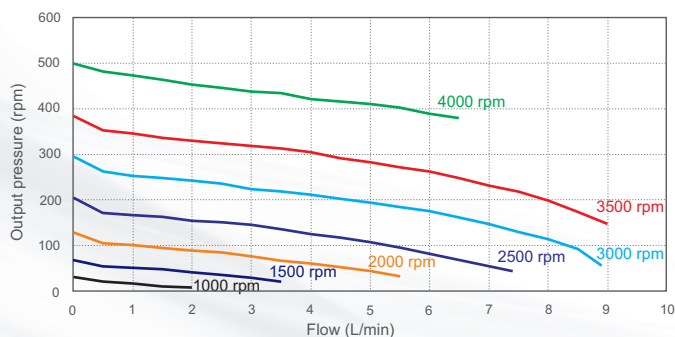
 **BRAILE**[®]
BIOMÉDICA

- ▶ Centrifugal pump for Extracorporeal Circulation (ECC)
- ▶ Safe operation for a long period
- ▶ Low priming volume (32 mL)
- ▶ Minimum surface contact
- ▶ Low index of hemolysis
- ▶ Absence of blood stagnancy areas
- ▶ Effective flow of up to 7 L/min
- ▶ Low coefficient of friction for the innovative balance point of rotary system
- ▶ The swivel allows better positioning with reduction in circulation lines

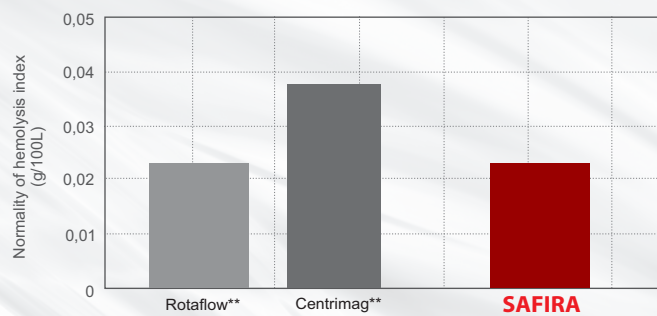
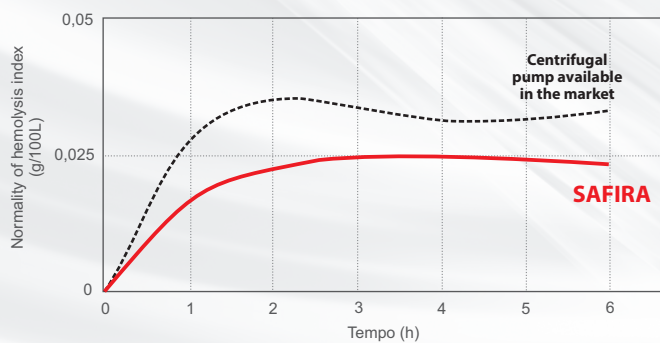


Technical Specifications	
Model	BCS-01
Estructural material	Polycarbonato
Priming volume	32 mL
Diameter of Connectors (inlet Outlet)	3/8" (9,5 mm)
Operation Flow	1,0 - 7,0 L/min
Maximum operation speed (rotation)	4000 rpm
Maximum operation pressure (at outlet)	750 mmHg
Blood contact area	192 cm ²
Magnetic field	N48 (Bipolar)

Hydrodynamic Performance*



Index of hemolysis*



Hematocrit = 25±3%
 Pressure = 250±10 mmHg
 Flow = 4,2±0,3 L/min
 Temperature = 25±2°C
 VCentrimag = 3425 rpm
 VRotaflo = 3000 rpm

Hematocrit = 30±1%
 Pressure = 300±10 mmHg
 Flow = 5,0±0,1 L/min
 Temperature = 37±1°C
 V = 4000 rpm

* ASTM F1841-97 (reapproved 2005)
 ** Sobieski et al. Artif Organs 2012;36(8):677-82.

Commercial Information

Bomba Safira Code 608568
Safira-Pack Code 609346

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