Beckman Coulter F301.5 Fixed-Angle Rotor

Beckman Coulter F301.5 Fixed-Angle Rotor for Microfuge 22R

Rating: Not Rated Yet
Price
Sales price $600.00

Ask a question about this product

ManufacturerBeckman Coulter

Description

F301.5 Fixed-Angle Rotor is For Use in the Beckman Coulter Microfuge 22R Only.

Specifications -

Maximum speed. . . . . 14,000 rpm

Density rating at maximum speed . . . . . 1.2 g/mL

Critical speed range(a) . . . . . 600 to 800 rpm

Relative Centrifugal Field(b)at maximum speed at rmax (100 min) . . . . . 21,920 ? g

k factor at maximum speed 519

Maximum imbalance of opposing loads . . . . . 6 grams

Number of tube cavities 30

Nominal tube dimensions . . . . . 11 x 45 mm

Nominal tube capacity (largest tube) . . . . . 2.2 mL

Nominal rotor capacity. . . . . 66 mL

Approximate acceleration time to maximum speed (fully loaded) . . . . 40 sec

Approximate deceleration time from maximum speed (fully loaded) . . . . . 38 sec

Weight of fully loaded rotor . . . . . 1.67 kg (3.68 lb)

Rotor and lid material. . . . . aluminum

a. The critical speed range is the range of speeds over which the rotor shifts so as to rotate about its center of mass. Passing through the critical speed range is characterized by some vibration.

b. Relative Centrifugal Field (RCF) is the ratio of the centrifugal acceleration at a specified radius and speed (r?2) to the standard acceleration of gravity (g) according to the following formula: RCF = r??/g — where r is the radius in millimeters, ? is the angular velocity in radians per second (2 ? RPM /60), and g is the standard acceleration of gravity (9807 mm/s2). After substitution: RCF = 1.12r (RPM/1000)2

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