

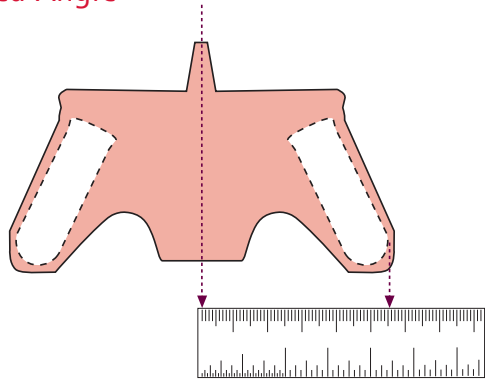
# Centrifugal Filters

## Guide to Converting g-Force to RPM

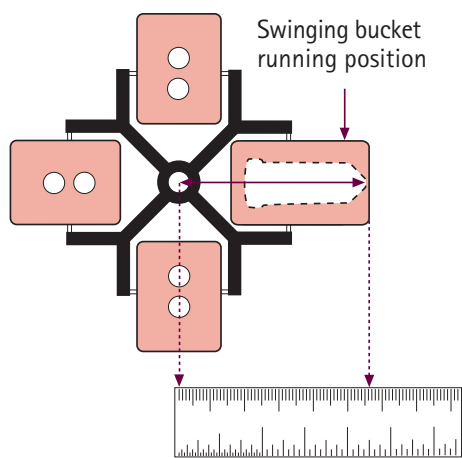
### 1. Measure the Radius of the Rotor

Obtain the radius (r) of the rotor from the manufacturer's specifications or measure the radius as shown below.

#### Fixed Angle



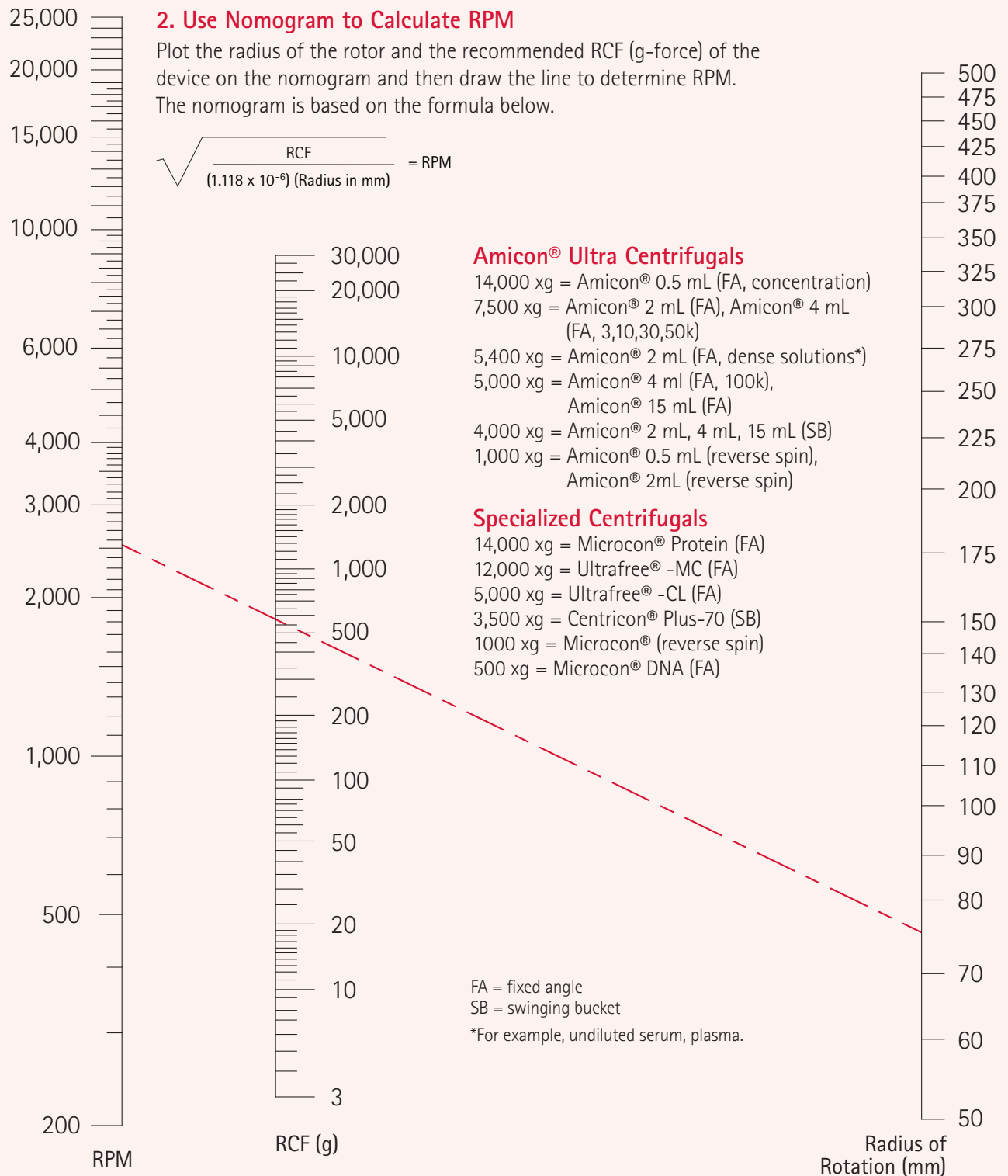
#### Swinging Bucket



### 2. Use Nomogram to Calculate RPM

Plot the radius of the rotor and the recommended RCF (g-force) of the device on the nomogram and then draw the line to determine RPM. The nomogram is based on the formula below.

$$\sqrt{\frac{RCF}{(1.118 \times 10^{-6}) (\text{Radius in mm})}} = \text{RPM}$$



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