



designed for scientists



VOL-SP-3.8

/// Data Sheet

VOL-SP-3.8 is an optional spindle for an extended viscosity range. It is especially suitable for sample volumes of 3.8 ml.

It is required to use the 3.8 ml chamber VOL-C-RTD-3.8 in combination with the VOL-SP-3.8 spindle. The chamber is available as accessory.

Technical Data

Spindle geometry	Cylinder
Connection	Thread M2.5 LH
Hook connector	yes
Diameter [mm]	9.6
Immersion depth [mm]	36.8
Spindle length [mm]	60
Sample volume [ml]	3.8
Flow Jacket	yes
Mounting Bracket	yes
Sample container:	Specified chamber
Working temperature max. [°C]	100
Viscosity Accuracy (FSR) [%]	2
Viscosity Repeatability (FSR) [%]	0.2
Min. FSR match ROTAVISC lo-vi [mPa.s]	234.3
Max. FSR match ROTAVISC lo-vi [mPa.s]	46865
Min. FSR match ROTAVISC me-vi [mPa.s]	2500
Max. FSR match ROTAVISC me-vi [mPa.s]	500000
Min. FSR match ROTAVISC hi-vi I [mPa.s]	5000
Max. FSR match ROTAVISC hi-vi I [mPa.s]	1000000
Min. FSR match ROTAVISC hi-vi II [mPa.s]	20000
Max. FSR match ROTAVISC hi-vi II [mPa.s]	4000000
Material in contact with medium	stainless steel 1.4404
Dimensions (W x H x D) [mm]	12 x 62 x 12
Weight [kg]	0.013
Permissible ambient temperature [°C]	5 - 40