



designed for scientists



## O DIN S-1

/// Data Sheet

The open DIN spindle set (O-DINS-1) measures viscosities according to DIN 53019 and can be used with customer-specific vessels. The set includes a single-wall-open-jacket to quickly dive into the sample liquid as well as a coaxial cylinder system for the analysis of the sample at a specific shear rate and shear stress is included. The maximum measurable viscosity is 50 000 mPas.



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## Technical Data

Spindle geometry	Cylinder
Connection	Thread M2.5 LH
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]	6
Max. FSR match ROTAVISC lo-vi [mPa.s]	50000
Min. FSR match ROTAVISC me-vi [mPa.s]	61
Max. FSR match ROTAVISC me-vi [mPa.s]	50000
Min. FSR match ROTAVISC hi-vi I [mPa.s]	122
Max. FSR match ROTAVISC hi-vi I [mPa.s]	50000
Min. FSR match ROTAVISC hi-vi II [mPa.s]	488
Max. FSR match ROTAVISC hi-vi II [mPa.s]	50000
Material in contact with medium	stainless steel 1.4404
Dimensions (W x H x D) [mm]	390 x 102 x 310
Weight [kg]	1.919
Permissible ambient temperature [°C]	5 - 40