



### S 50 N - G 45 G Dispersing element

Suitable for dispersing instrument T 50 digital  
 Working range: 0,5 - 20 l  
 Stator diameter: 45 mm  
 Immersion depth: 70 - 250 mm  
 Materials in contact with medium: PTFE, AISI 316L  
 Suitable for solvents: yes  
 Max. temperature: 180 °C  
 Sterilization methods: all methods

#### Technical Data

Volume range min. (H2O) [l]	0.5
Volume range max. (H2O) [l]	20
Stator diameter [mm]	45
Rotor diameter [mm]	36
Gap between rotor and stator [mm]	0.5
allowable Speed max. [rpm]	10000
Circumferential speed max. [m/s]	18.8
Immersion depth min. [mm]	70
Immersion depth max. [mm]	250
Shaft length [mm]	300
Material in contact with medium	PTFE, AISI 316L
pH min.	2
pH max.	13
Suitable for solvents	yes
Suitable for abrasive substances	yes
Working temperature max. [°C]	180
Sterilization methods	all methods
Ultimate fineness, suspensions min. [µm]	40
Ultimate fineness, suspensions max. [µm]	100
Ultimate fineness, emulsions min. [µm]	10
Ultimate fineness, emulsions max. [µm]	30

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