



S 50 N - G 45 M Dispersing element

The variety of media to be processed also requires a variety of rotor-stator configurations and seals. In many cases it is necessary to use subsequently two dispersing elements, for pre-crushing and fine crushing. The plug-in connectors facilitate the exchange of the dispersing elements.

Technical Data

Volume range min. (H ₂ O) [l]	0.5
Volume range max. (H ₂ O) [l]	15
Stator diameter [mm]	45
Rotor diameter [mm]	40.5
Circumferential speed max. [m/s]	21.2
Immersion depth min. [mm]	70
Immersion depth max. [mm]	250
Shaft length [mm]	290
Material in contact with medium	PTFE, AISI 316L
pH min.	2
pH max.	13
Suitable for abrasive substances	yes
Working temperature max. [°C]	180
Sterilization methods	all methods
Ultimate fineness, suspensions min. [µm]	25
Ultimate fineness, suspensions max. [µm]	50
Ultimate fineness, emulsions min. [µm]	5
Ultimate fineness, emulsions max. [µm]	20
Ident. No.	8003300