

## S 18 N - 19 G 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.

<b>Technical Data</b>			
Volume range min. (H <sub>2</sub> O) [l]	0.01	Volume range max. (H <sub>2</sub> O) [l]	1.5
Stator diameter [mm]	19	Rotor diameter [mm]	12.7
Gap between rotor and stator [mm]	0.4	Circumferential speed max. [m/s]	15.9
Immersion depth min. [mm]	35	Immersion depth max. [mm]	170
Shaft length [mm]	204	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]	10	Ultimate fineness, suspensions max. [µm]	50
Ultimate fineness, emulsions min. [µm]	1	Ultimate fineness, emulsions max. [µm]	10