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# S 25 KD - 25 F Dispersing tool

/// Data Sheet

Dispersing tool for the dispersers T 25 digital, T 25 easy clean digital/control

Type of sealing and bearing: Ball-bearing with PTFE sealing and FFKM O-ring
Product-touching material: AISI 316L, PTFE, FFKM
Suitable for solvents: Yes
Sterilizable: all methods (except ball bearing)
Suitable for vacuum:  Yes
Max. working temperature [°C]: 150

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Shaft length [mm]: 194
Diameter stator/rotor [mm]: 25/18
Gap between [mm]: 0.5
Recommend emersion depth [mm]: 40 - 165
Recommend working range [ml]: 100 - 2,000

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## Technical Data

| | |
|---|---|
| Volume range (H2O) [l] | 0.1 - 2 |
| Stator diameter [mm] | 25 |
| Rotor diameter [mm] | 18 |
| Gap between rotor and stator [mm] | 0.5 |
| allowable Speed max. [rpm] | 25000 |
| Circumferential speed max. [m/s] | 23.6 |
| Immersion depth [mm] | 40 - 165 |
| Shaft length [mm] | 194 |
| Material in contact with medium | AISI 316L, PTFE, FFPM |
| pH range | 2 - 13 |
| Suitable for solvents | yes |
| Working temperature max. [°C] | 150 |
| Sterilization methods | all methods except hot air |
| Vacuum [mbar] | 100 |
| Ultimate fineness, suspensions [µm] | 5 - 25 |
| Ultimate fineness, emulsions [µm] | 1 - 5 |
| FDA conformity | yes |
| Weight [kg] | 0.404 |