PRODUCT CATALOG

TMXFLOW

SKD
VERTICAL AGITATOR



SKD Vertical Agitator

TMXFLOW
let it flow



Application

The range of the SKD agitators present veritcal direct motor-driven agitators.

These agitators are used in the processes of mixng, dissolution, dispersion and maintenance whenever powerful and high-speed agitation is required in the food. Processing, cosmetics, pharmaceuti-cal or chemical industries.

The agitators are normally fitted to small volume tanks od up 1.500 liters for work with low-viscosity products.

Operation

The agitation are normally insalled inside the tank either centrally with current deflectors or offsetting itself prevents the rotation of the stirred product. The rotation of the propeller makes the fluid flow to the bottom and then up to the surface of the product along the walls of the tank. The effect is promoted if the bottom of the tank is curved. Vigorously agitates the content of the tank promoting the mixing of the product while the sawtooth propeller promotes its dispersion.



Sawtoot Propeller

User Benefits

Versatile, modular, hygienic design
Can be configured for minimum energy consumption
Gentle product treatment
More uptime and higher yields due to low Maintenance



Flux Propeller

Materals

Parts in contact with the product ..... AISI 316L
V-ring and retainer ..... NBR
Bearing support ..... Aluminum
Surface finish (expect propeller) ..... Duplex Stainless Stell

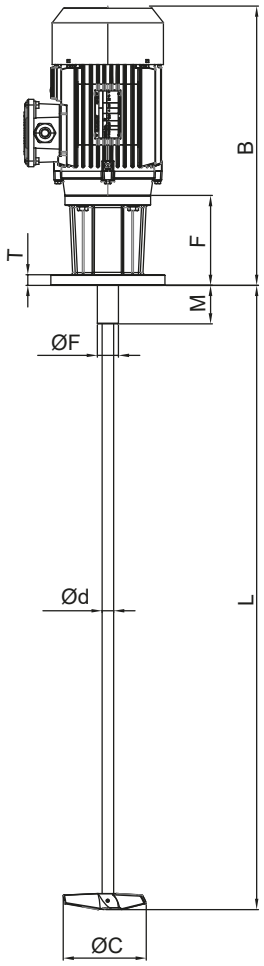
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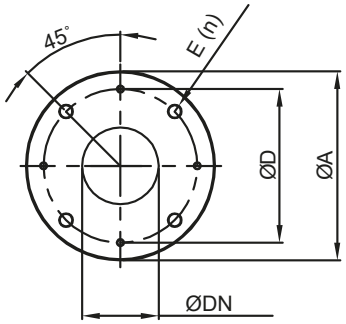
Saw tooth propeller. Welded propeller with ra < 0,5 um surface finish.
Motor shroud.
Motors with other protections.
ATEX motor.
Sawtooth propeller
Motors: 950 rpm or 1500 rpm.
Pneumatic drive.

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Dimensions





Model	ØDN	F	ØA	L (max)	B	ØC	Ød	ØF	M	ØD	T	E (n)
SKD 15-005-130	65	130	160	1300	360	150	16	30	50	130	14	10,5 (4)
SKD 15-007-130	65	130	160	1300	360	130	16	30	50	130	14	10,5 (4)

Selection Parameters

Type	Tank Capacity (m³)	Power (kw)	Speed (rpm)	Weight (kg)
SKP 10-005-130	0,1-0,7	0,55	900	17,0
SKP 15-007-130	0,2-0,8	0,75	1500	16,5

www.quantumengineering.be
sales@quantumengineering.be

Quantum Engineering BV
Corsicalaan 9
B-2950 Kapellen
Tel. +32(0)467.00.77.72.