

Alfa Laval decanter, type NX309S-31

Product no. 8820.2000-21

Clarifier with paring disc. Conveyor, 2 hreads/88 mm. Bowl, conveyor, inlet-outlet part and vessel of stainless-steel. Decanter with vibrator.

Standard specification:

Drum speed:	5600 rpm
Conveyor speed, relative:	34 rpm
Main supply voltage:	3 x 380/220 V. 50 Hz
Main motor:	3 x 380 V.D. 50 Hz, 15 kW, 2910 rpm
Gravity disc:	0700.5854-82
Level:	radius 71

Technical data:

<u>Drum:</u>	Length, total:	L	700 mm
	Length, cyl. section:	Lc	330 mm
	Lentgh, con. Section:	Lk	370 mm
	Diameter, big end int.:	D	230 mm
	Diameter, small end int.:	d	126 mm
	Cone Angel (half):	α	8°
	Coefficient Lc/D:	λ	1.43
	Volume (gross):	v	23 dm ³
	Material:	SIS 2343	
	Drum with grooved inner surface		
Ports:	Sludge port type:	Conical – Stellite	
	No.: 6 Rows: 1	Size:	38 mm
Conveyor:	Pitch:	p	2 x 88 mm
	Erosion protection:	TM11	
Gear:	Type:	Cyclo	
	Transmission ratio:	io	1:25
	Max. Load:	Mo	0,5 kNm
	Max. speed, gear:	n	5600 rpm
	Max speed, eccentric:	ns	5600 rpm

Overload protection Shear plate coupling

Mass. (weight). Total excl. motor:	450 kg
Mass. (weight). Rotating parts:	205 kg
Moment of inertia, rotating parts:	J 1.4 kg/m ²