Tetra Pak

Tetra Pak Processing Components AB

Technical Data for homogenizer

Model:	Machine No.:	Customer:		
Tetra Alex 30	5845534289			

General:

Capacity:		Working pressure:		Inlet pressure:		Noise reduction:		Sound effect level (acc. to ISO 3746):
14000	l/h	240	bar	3-10	bar	☐		B(A)
Altitude:		Ambient temperature:		Total mass:		Centre of gravity (a=):		Sound pressure level (distance=1m):
<1000	m	<40	°C	3525	kg	1343	mm	dB(A)

Wetend design:

Valve design:		Piston diameter:		Piston design:		Piston packing:		Remote ind. of product pressure: ☐
Cone	☐	56	mm	Stainless steel	X	Grooved	X	
Mushroom	X			Chromium plated	☐	V-packing	☐	
Ball	☐			Ceramic coated	☐			Feed: Signal:
				Ceramic solid	☐			V DC mA

Homogenising device design:

Size of 1st stage:	Size of 2nd stage	Remote indication of hydraulic pressure:	Remote continuous setting:
49/58	49/58	1st stage ☐ 2nd stage ☐ Feed: Signal: V DC mA	1st stage ☐ 2nd stage ☐ Feed: Control signal: V DC mA Amp.

Drive Motor:

Manufacture:	Model:	Revolution:		Protection:	Thermistor:	
ABB	M2CA315SA 4	1486	rpm	IP55	<7.5	V DC
Power:	Voltage:	Frequency:		Full load current:	Starting current:	
110 kW	380 V	50	Hz	204 Amp.	1535 Amp.	

Hydraulic Unit:

Manufacture:	Model:
Bosch	6-4722 5471 81

Hydraulic Motor:

Manufacture:	Model:	Revolution:		Protection:
ABB	M2VA71A 4	1410	rpm	IP55
Power:	Voltage:	Frequency:		Rated current:
0.25 kW	380 V	50	Hz	0.95 Amp.

Pressure Lubrication Motor:

Manufacture:	Model:	Revolution:		Protection:
			rpm	
Power:	Voltage:	Frequency:		Rated current:
kW	V		Hz	Amp.

Drive Unit:

V-belt type:	Number of tracks:	Motor pulley diameter:	Gearbox pulley diameter:	V-belt length
SPC	4	475 mm	500 mm	3000 mm

Reduction Gear:

Manufacture:	Model:	Reduction:
Benzler	TV151	5,890

Valves:

Cooling water valve:	Steam valve:	Press. relief valve:
Solenoid ☐ Pneumatic X	Solenoid ☐ Pneumatic ☐	1st Stage ☐ 2nd Stage ☐
Voltage: Compressed air supply: V AC 4-7 bar VA	Voltage: Compressed air supply: V AC bar VA	Voltage: Voltage: V DC V DC Amp. Amp.

Cooling water supply:

Pressure:		Consumption:		Temperature:		Hardness:	
2-4	bar	455	l/h	<25	°C	<10	°dH

Steam supply: Condensate:

Pressure:		Consumption:		Temperature:	
	bar		kg/h		°C

Other:

Fluorescent tube: ☐	Door safety lock: ☐	Crankshaft speed sensor: ☐
Voltage: V AC	Voltage: V AC W	Feed: V DC mA

Date:	Sign:	Revision:
2005-01-13	TP	1