

TETRA PAK
STAINLESS EQUIPMENT
 P O Box 64 S-221 00 LUND

FVF 0004:4
 SIDA 1 (2)

PROVNINGSPROTOKOLL FÖR HOMOGENISATOR
TEST RECORD OF A HOMOGENISER

Kund Customer		Benämning Model	ALH 25
FO Customer ref.	U14 5285	TO/Fabr. Nr. Manufact. ref.	500.285
Nom. kapacit. Nom. capacity	10000 l/h	Nom. slag hast. Nom. str. speed	nk= DH/min
Koldiameter Plunger diam.	50 mm	Slaglängd Stroke length	s= 105 mm
Kolvutförande Plung. design	Normal <input checked="" type="checkbox"/> Chrome <input type="checkbox"/> Ceramic <input type="checkbox"/> Others <input type="checkbox"/>	Kolv tätning Piston packing	Grooved ring <input checked="" type="checkbox"/> V-packings <input type="checkbox"/> Others <input type="checkbox"/>
Ventilutför. Valve design	Mushroom	Homog. huvud Homog. device	Steg 1/Stage 1 D. 28/38 Steg 2/Stage 2 D. 28/38
Kundens medium/Customer liquid			

PROVNINGSDATA - PERFORMANCE DATA

Testing time h	Homog. press. bar	Hydr. pressure PH=bar	Capacity l/h	Crankshaft.rev rpm.	Current con. amp.
2	50		10530	287	80
	100	30	10485	286	92
	150	50	10420	285	110
12	200	80	10355	284	130
Förtryck Prepressure	2 bar	PH: steg 2 PH:2nd stage	21 bar	Provn.medium Test liquid	60-70C (H2O)
Anmärkning/Notes					
Lund den	94.09.14	Tetra Pak Stainless Equipment Gilbert Karlsson			
Lund den	94.09.14	Tetra Pak Processing Systems Anders Mellert			

KONSTRUKTION DESIGN

FO No. U14 5285

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SIDA 2 (2)

Huvudmotor/Main Drive Motor

Tillverkare		Effekt		Varvtal	
Manufacture	ABB	Power	90 kW	Revolution	1484 min-1
Typ		Spänning		Frekvens	
Model	HXV 280M	Voltage	415 V	Frequency	50 Hz
Motor Nr.		Nätström		Skyddsform	
Motor No.	32101799125VM	Rated Current	168 A	Protection	IP55

Ventilations motor/Ventilation Motor

Tillverkare		Effekt		Varvtal	
Manufacturer		Power	kW	Revolution	min-1
Typ		Spänning		Frekvens	
Model		Voltage	kW	Frequency	Hz
Motor Nr.		Nätström		Skyddsform	
Motor No.		Rated Current	A	Protection	

Tachogenerator

Tillverkare		Typ		Spänning	
Manufacture		Model		Voltage	V/min-1

Hydraulenhet/Hydraulic Unit

Typ	Hawe RM 0,27	Tryckbegränsningsring	Höjd	
Model	B6B 180	Max. pressure limiting ring	Height	mm

Hydr.Motor/Hydr. Motor

Tillverkare		Effekt		Varvtal	
Manufacturer	ABB	Power	0,25 kW	Revolution	1400 min-1
Typ		Spänning		Frekvens	
Model	MT 71A	Voltage	415 V	Frequency	50 Hz
Motor Nr.		Nätström		Skyddsform	
Motor No.	MK 110056-S	Rated Current	0,95 A	Protection	IP55

Kilrem/V-Belt Drive

Steg 1	Motorns remskiva	SPZ	SPA	SPB	SPC	2	3	4	5	6	8	Dw	265 mm
1 st stage	Pulley of the motor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	Växellådans remskiva	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dw	250 mm
	Pulley of the gearbox	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	Kilrem/Belt	Length: 2000 mm											
Steg 2	Vevaxels remskiva	SPZ	SPA	SPB	SPC	2	3	4	5	6	8	Dw	mm
2nd stage	Pulley of the shaft	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	Växelns remskiva	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dw	mm
	Pulley of the gear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	Kilrem/Belt	Length: mm											

Växellåda/Reduction Gear

Ja/Yes	Typ		Nr.	
Nej/No	Model	Benzler TV111	F07086 510534	

Övrigt/Others

Kylvattenventil	Ja/Yes	<input checked="" type="checkbox"/>	Solenoid	110 V
Valve Cooling Water	Nej/No	<input type="checkbox"/>		
Tryckavlast. ventil Steg 1	Ja/Yes	<input type="checkbox"/>	Spänning/Voltage	V DC
Press. relief valve 1st stage	Nej/No	<input checked="" type="checkbox"/>		
Steg 2	Ja/Yes	<input type="checkbox"/>	Spänning/Voltage	V DC
2nd stage	Nej/No	<input checked="" type="checkbox"/>		
Fjärrstyrn. av tryck	Ja/Yes	<input type="checkbox"/>	Fjärrindikering av tryck*)	Ja/Yes
Remote pressure settings	Nej/No	<input checked="" type="checkbox"/>	Remote pressure indication	Nej/No

Anmärkningar/Notes

*) Standard ALH