

Customer: **Kronospan Ltd.**

Project: **40.000 m³/h Filter for sawing line - Kontra SFDW 05/12-D-03**

Plant:

Documentation

Data Sheet

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PULSE FILTER Single row		1,00 pc(s).	<input type="checkbox"/> EMC	Order no.:	173893
Model: sfdw 05/12-D-03		<input type="checkbox"/> Welded construction	Customer pos.		
		<input type="checkbox"/> Low temperature design <-20°C	Scheuch pos. 1,01		
Dim. sheet: 913-0615-800 a		Drawing no.:		Serial no.: F-0123/17	
Design data			<input checked="" type="checkbox"/> Differential pressure measuring [mbar]:	35	
Gas flow rate [Am³/h]:	40.000		<input type="radio"/> Solenoid voltage:	24VDC	
Operating temperature [°C]:	20,0		<input checked="" type="checkbox"/> Valve box heating:	100 - 240VAC	
Peak temperature [°C]:	60,0		<input checked="" type="checkbox"/> Control unit:	PulseMaster Basic+ 100 - 240VAC 50/60Hz	
Type of dust:	saw dust		Shortest pause time [sec]: (P15)		11
Inlet dust load [g/Nm³]:	0,00		Short pause time [sec]: (P16)		22
Outlet dust load [mg/Nm³]:	5		Long pause time [min]: (P17)		0,5
Filter area [m²]:	420,0		Longest pause time [min]: (P18)		-
A/C-ratio [Am³/m²/h]:	95,2		Pulse time [msec]: (P19)		80
Installation of filter:			dp-level 1 [mbar]: (P20)		-
Min. ambient temperature [°C]:	-10		dp-level 2 [mbar]: (P21)		5,0
Max. ambient temperature [°C]:	50		dp-level 3 [mbar]: (P22)		7,0
Filter location	<input type="checkbox"/> indoors	<input checked="" type="checkbox"/> outdoors	dp warning threshold [mbar]: (P24)		-
Fan:	<input type="checkbox"/> before	<input checked="" type="checkbox"/> after filter	dp-level error: (P25)		-
Temperature and pressure rating			dp-threshold alarm [mbar]:		18,0
Temperature rating [°C]:	<80		Control rate [min]:		-
Pressure rating [mbar]:	80		dp-setpoint (min) [mbar]:		-
Pressure-shock rating [mbar]:			dp-setpoint (max) [mbar]:		-
ATEX zones			Program type:(P06)		dp-dependent
External:	n.e.		Cleaning order: (P08)		-
indoors-crude gas:	20	indoors-clean gas:	n.e.		
Filter bags			Hopper/Trough Slope:		
No.	180	Filter medium:	PES-1,0h		
Length [mm]:	4.500	Design:	<input checked="" type="checkbox"/> Wire ring bag	Max. filling level: <input checked="" type="checkbox"/> 1/3	
		<input type="checkbox"/> Snap ring bag	Level monitoring		<input checked="" type="checkbox"/>
			Screw diameter [mm]: 300		Screw inner tube Ø [mm]: 114,3
Support cages			Geared motor SEW: <input type="checkbox"/> Design Ex II 3D		
No.	180	Material:	1.0038		
Longitudinal bars:	10	Consist of parts:	1 0		
Penthouse			<input checked="" type="checkbox"/> Speed monitor		
Max. load of monorail [kg]:			Casing / Crude-, clean gas channel		
Max. load of hoist [kg]: 0,0			Material: 1.0038 <input checked="" type="checkbox"/> Bolted		
			<input type="checkbox"/> Welded		
Connection [G"]: 3/4			<input type="radio"/> DIN 24158/R4		
Setting filter controller [bar]: 6,0			Crude gas connection: 0600 x 0800		
Consumption [Nm³/h]: 33,0			Clean gas connection: x		
Filter - accessories / design			Rupture disk(s)		
<input type="checkbox"/> Insulation [mm]:			No. Pressure rating:		
Remarks:			Filling level of Hopper/Trough		
			Level: 1/3		
			Bulk density [t/m³]: <0,3		