

Customer: *Kronospan Ltd.*
Project: *Scheuch Impulse filter*
Plant: *KT plant - P4*

Documentation
Data Sheet

PULSE FILTER Single row		1,00 pc(s).	<input type="checkbox"/> EMC	Order no.:	174918
Model: sfdw 05/12-D-04		<input type="checkbox"/> Welded construction	Customer pos.		
		<input type="checkbox"/> Low temperature design <-20°C	Scheuch pos. 1,01		
Dim. sheet: 913-0620-800		Drawing no.:		Serial no.: F-0187/17	
Design data			<input checked="" type="checkbox"/> Differential pressure measuring [mbar]:	35	
Gas flow rate [Am³/h]:	57.500		<input type="radio"/> Solenoid voltage:	24VDC	
Operating temperature [°C]:	20,0		<input checked="" type="checkbox"/> Valve box heating:	100 - 240VAC	
Peak temperature [°C]:	40,0		<input checked="" type="checkbox"/> Control unit:	PulseMaster Advanced	100 - 240VAC 50/60Hz
Type of dust:	wood dust		Shortest pause time [sec]: (P15)		30
Inlet dust load [g/Nm³]:	0,00		Short pause time [sec]: (P16)		60
Outlet dust load [mg/Nm³]:	2,0		Long pause time [min]: (P17)		1,5
Filter area [m²]:	560,0		Longest pause time [min]: (P18)		2,0
A/C-ratio [Am³/m²/h]:	102,6		Pulse time [msec]: (P19)		80
Installation of filter:			dp-level 1 [mbar]: (P20)		4,0
Min. ambient temperature [°C]:	-10		dp-level 2 [mbar]: (P21)		6,0
Max. ambient temperature [°C]:	30		dp-level 3 [mbar]: (P22)		8,0
Filter location	<input type="checkbox"/> indoors	<input checked="" type="checkbox"/> outdoors	dp warning threshold [mbar]: (P24)		14,0
Fan:	<input type="checkbox"/> before	<input checked="" type="checkbox"/> after filter	dp-level error: (P25)		18,0
Temperature and pressure rating			dp-threshold alarm [mbar]:		-
Temperature rating [°C]:	<80		Control rate [min]:		-
Pressure rating [mbar]:	50		dp-setpoint (min) [mbar]:		-
Pressure-shock rating [mbar]:	150		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.		Hopper/Trough Slope:
Filter bags			Discharge size:		x DIN 24158/R4
No.	240	Filter medium:	PES-1,0h		Max. filling level: <input checked="" type="checkbox"/> 1/3
Length [mm]:	4.500	Design:	<input checked="" type="checkbox"/> Wire ring bag	Level monitoring <input checked="" type="checkbox"/>	
		<input type="checkbox"/> Snap ring bag	Screw diameter [mm]: 250		Screw inner tube Ø [mm]: 114,3
Support cages			Geared motor SEW:		<input type="checkbox"/> Design Ex II 3D
No.	240	Material:	1.0038		Power [kW]: 1,50 Speed [rpm]: 25,00
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
Compressed air					<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]:			44,0		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