

Customer: *Kronospan Ltd.*
Project: *Filter plant HAMATEC*
Plant:

Documentation
Data Sheet

PULSE FILTER Single row		1,00 pc(s).	<input type="checkbox"/> EMC	Order no.:	196680
Model: sfdw 05/12-D-02		<input type="checkbox"/> Welded construction	Customer pos.		
		<input type="checkbox"/> Low temperature design <-20°C	Scheuch pos. 01.01.01		
Dim. sheet:		Drawing no.:		Serial no.: F-0074/19	
Design data		<input checked="" type="checkbox"/> Differential pressure measuring [mbar]:		35	
Gas flow rate [Am³/h]:	30.000	<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:	0	Shortest pause time [sec]: (P15)		60	
Inlet dust load [g/Nm³]:	0,00	Short pause time [sec]: (P16)		120	
Outlet dust load [mg/Nm³]:	2,0	Long pause time [min]: (P17)		3,0	
Filter area [m²]:	280,0	Longest pause time [min]: (P18)		-	
A/C-ratio [Am³/m²/h]:	107,2	Pulse time [msec]: (P19)		80	
Installation of filter:		dp-level 1 [mbar]: (P20)		-	
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.	120	Filter medium:	PES-0,1h	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.	120	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]:		22,0		Clean gas connection: 1250 x 0450	
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	