

Customer: *Kronospan Ltd.*  
Project: *New Bag-Filter for P12 MFC-Line*  
Plant:

Documentation  
Data Sheet

<b>PULSE FILTER Single row</b>		<b>1,00 pc(s).</b>	<input type="checkbox"/> <b>EMC</b>	Order no.:	<b>169695</b>
<b>Model: sfdw 05/12-D-04</b>		<input type="checkbox"/> Welded construction	Customer pos.		
		<input type="checkbox"/> Low temperature design <-20°C	Scheuch pos. <b>1,01</b>		
<b>Dim. sheet:</b>		<b>Drawing no.:</b>		Serial no.: <b>F-0661/16</b>	
<b>Design data</b>		<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)		40	
Inlet dust load [g/Nm³]:	0,00	Short pause time [sec]: (P16)		80	
Outlet dust load [mg/Nm³]:	2,0	Long pause time [min]: (P17)		2,0	
Filter area [m²]:	560,0	Longest pause time [min]: (P18)		-	
A/C-ratio [Am³/m²/h]:	102,6	Pulse time [msec]: (P19)		80	
<b>Installation of filter:</b>		dp-level 1 [mbar]: (P20)		5,0	
Min. ambient temperature [°C]:	-10	dp-level 2 [mbar]: (P21)		7,0	
Max. ambient temperature [°C]:	30	dp-level 3 [mbar]: (P22)		-	
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)		16,0	
<b>Temperature and pressure rating</b>		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]:		-	
<b>ATEX zones</b>		Program type:(P06)		dp-dependent	
External:	n.e.	Cleaning order: (P08)		-	
indoors-crude gas:	20	indoors-clean gas:	n.e.	<b>Hopper/Trough</b> Slope:	
<b>Filter bags</b>		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	
<b>Support cages</b>		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	
<b>Penthouse</b>		<input checked="" type="checkbox"/> Speed monitor			
Max. load of monorail [kg]:		<b>Casing / Crude-, clean gas channel</b>			
Max. load of hoist [kg]:		0,0		Material: 1.0038 <input checked="" type="checkbox"/> Bolted	
<b>Compressed air</b>				<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	
<b>Filter - accessories / design</b>		<b>Rupture disk(s)</b>			
<input type="checkbox"/> Insulation [mm]:				No. Pressure rating:	
Remarks:		<b>Filling level of Hopper/Trough</b>			
		Level:		1/3	
		Bulk density [t/m³]:		<0,3	