

DATA SHEET

DS No. KMF-4-1/1/2
 Rev. 0
 Date 04.02.2014
 Prepared MR
 Approved AM
 Project Krone Filter Solutions GmbH
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KMF SLEEVE FILTER

GENERAL

1	Identification (KKS)		Size of body	4
2	Nominal Diameter	G 1 1/2"	Rating	16 bar
3	KKS (line)		DN	G 1 1/2"
4	Design codes	ADW2000-Merkblatt / PED 97/23/EC		
5	Model identification	KMF		
6	Fluid filtered			
7	Service			

TYPE OF CONNECTIONS

8		DN	Rating	
9	INLET	G 1 1/2"	N/A	
10	OUTLET	G 1 1/2"	N/A	
11	Drain	3/8"	N/A	
12	Vent	1/4"	N/A	
13	Differential pressure	1/4"	N/A	

OPERATING AND DESIGN PARAMETERS

DESIGN CONDITIONS		OPERATING CONDITIONS	
15	Pressure	10/16 bar (clamp/bolt)	Pressure bar g
16	Temperature	(-10) - (+200*) °C	Temperature °C
17	Flow	12 m³/h	Flow kg/h
18	Pressure drop		Pressure drop
19	ΔP clean filter	0,05 bar (≥100µm)	ΔP clean filter 0,05 bar (≥100µm)
20	ΔP dirty filter	2 bar (basket design pressure)	ΔP dirty filter bar
21	Noise level	N/A - no source of noise	Noise level N/A - no source of noise

DESCRIPTIVE CHARACTERISTICS

22	LOCATION OF EQUIPMENT	<input type="checkbox"/> Outside <input type="checkbox"/> Inside <input type="checkbox"/> Other
23	FILTER ELEMENT	
24	Type	Basket
25	Basket area	870 cm²
26	Grade of filtration	20-10000µm
27	MATERIALS	
28	Body	EN-GJS-500-7 / GGG-50 / BS 500-7 / ASTM 536 80-55-06 / JIS FCD 500-7
29	Cover	EN-GJS-500-7 / GGG-50 / BS 500-7 / ASTM 536 80-55-06 / JIS FCD 500-7
30	Gasket	NBR*
31	Vent & Drain plug	SS316ti
32	Studs	Steel, galvanized
33	Nuts	Steel, galvanized
34	Screen	SS316
35	Perforated plate	SS316

ACCESSORIES

36	Pressure drop indicator	<input type="checkbox"/> Yes <input type="checkbox"/> No
37	Magnetic filter insert	<input type="checkbox"/> Yes <input type="checkbox"/> No

TESTS AND NON DESTRUCTIVE EXAMINATIONS

	SCOPE	APPLICABLE RULE
39	Hydrostatic Test <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	AD2000-Merkblatt / PED 97/23/EC
40	Visual inspection <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 100 %	
41	CE- Declaration of Conformity <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Operating data is necessary !	PED/97/23/EC
42	Others <input type="checkbox"/> Yes <input type="checkbox"/> No	
43		
44	Information	Foundry certified by LR / Lloyds

COATING

45	INTERNAL	Anti-corrosion primer
46	EXTERNAL	Epoxy paint RAL 5010 blue

DIMENSIONS AND WEIGHT

47		Dimensionen	
48		A	393,0 mm
49		B	230,0 mm
50		C	504,0 mm
51		D	569,0 mm
52		E	127,0 mm
53		Weight	10,0 kg
54			

REMARKS

55	* Standard is NBR with a range of temperature from (-10) - (+100) °C; FKM with (-10) - (+200)°C on request.
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60	02/2014 © by Krone Filter Solutions GmbH, subject to change