

**DATA SHEET**

**KMF SLEEVE FILTER**

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

1	Identification (KKS)		Size of body	2
2	Nominal Diameter	G 1 1/4"	Rating	16 bar
3	KKS (line)		DN	G 1 1/4"
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 1/4"	N/A	
10	OUTLET	G 1 1/4"	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	7 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	485 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 <b>Operating data is necessary !</b>	PED/97/23/EC
42	Others <input type="checkbox"/> Yes <input type="checkbox"/> No	
44	Information	Foundry certified by LR / Lloyds

**COATING**

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

**DIMENSIONS AND WEIGHT**

47		<b>Dimensionen</b>	
48		A	208,0 mm
49		B	230,0 mm
50		C	308,0 mm
51		D	384,0 mm
52		E	127,0 mm
53		Weight	8,0 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