



Filter-Nozzles Catalog



Why buy KSH product?

- **Made in Germany**
- **2 years manufacturer warranty.**
- **Safer** ; tested and certified for food-grade quality.
- **Multifunctional** ; tested and certified for wider temperature range (23 to 60 celcius).
- **Better drainage and cloggs less easily** due to production accuracy and consistency ; TUV and ISO 9001:2008 certification.
- **Longer lasting** ; only high quality raw materials are used for production.
- **Wider selection variety, including stainless steel filter-nozzles.**
- **Product customization option** ; in-house design, product development and production.
- **Technical support within 72 hours** from Multimedia Unggul Prakarsa (Distributor).
- **Stock availability** from Multimedia Unggul Prakarsa (Distributor).



"The perfect solution for every water treatment and waste water treatment applications..."





KSH is a German-based company with more than 40 years experience manufacturing filter nozzles and drainage systems for water and waste water treatment. Unlike other nozzle manufacturers, KSH offers speedy but flexible solutions for various drainage systems because product development, design, tool-making and production occurs under the same roof. KSH pursuit for production excellence has also been recognized globally since its inception 35 years ago.

Customer reference



Bayer

grünbeck

METITO



ELGA Berkefeld

RWE Group



PENTEK
Pentair Water



CALGON CARBON CORPORATION

BWT
BEST WATER TECHNOLOGY



EarthTech

VA TECH WABAG



Epa Group



Advanced Water and Environmental Management Company
KURITA WATER INDUSTRIES LTD.

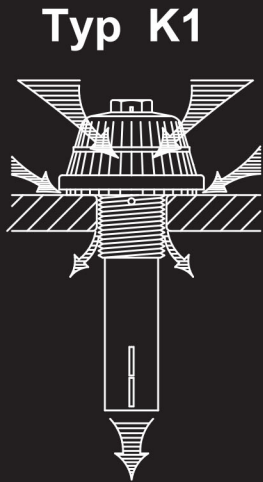
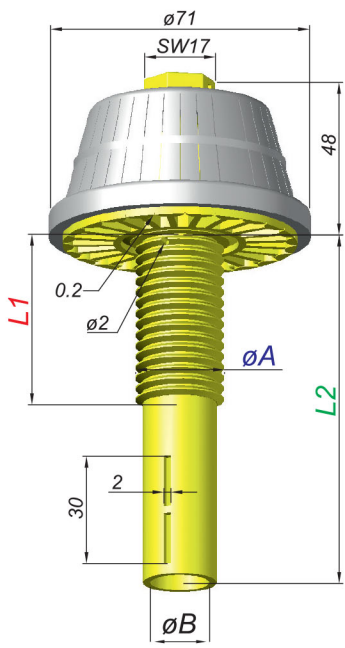
ENVIRO-CHEMIE
Water and Waste Water Treatment

WEDECO AG
Water Technology

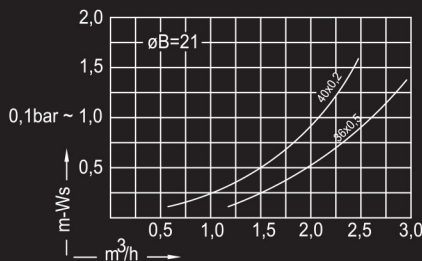
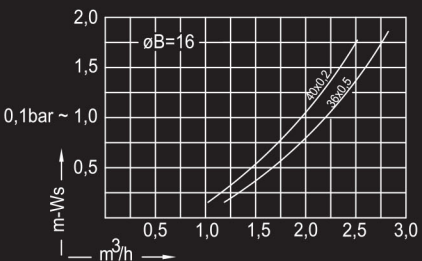


pevasa

Degrémont
Suez



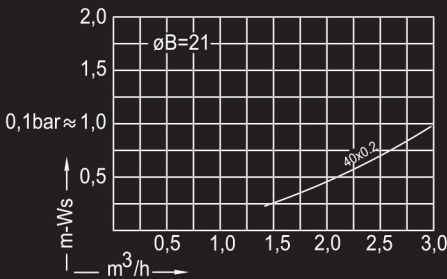
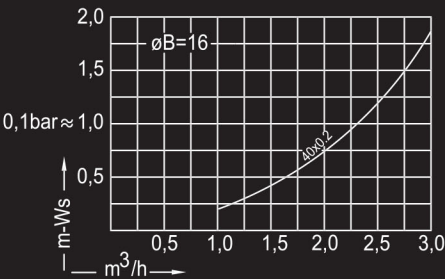
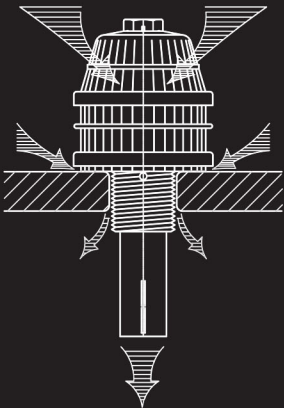
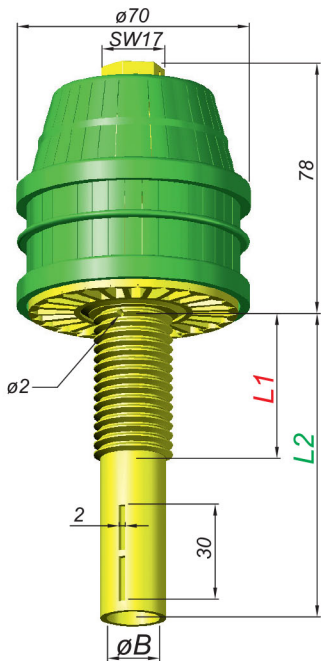
Typ K1



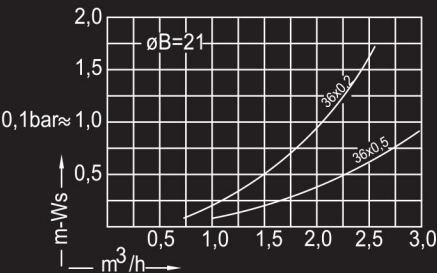
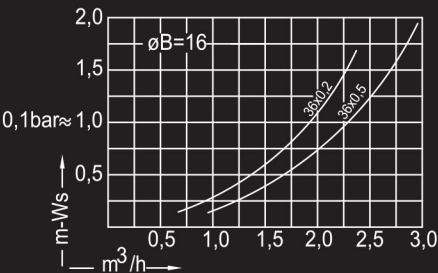
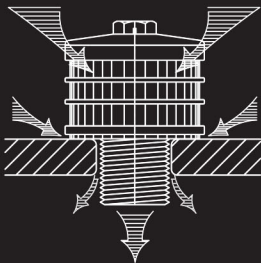
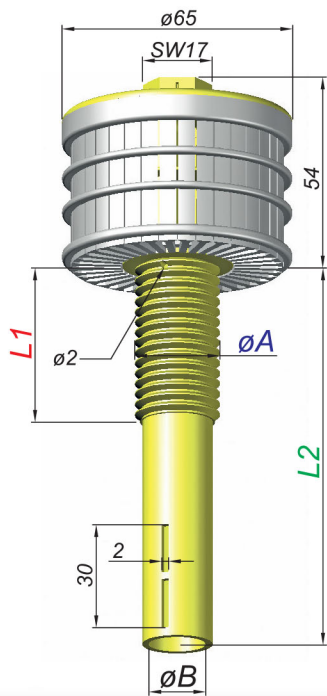
Type	Slots	Thread	øA	Thread length L1	Shaft L2	øB
K1	40x0,2 = 1,95 cm² 36x0,35 = 2,96 cm² 20x0,5 = 2,35 cm² 36x0,5 = 4,23 cm² 20x0,8 = 3,78 cm² 36x1,0 = 8,46 cm²	G1"	33,25	20	80, 110, 140, 200, 250, 300, 350, ...	21 = 3,4 cm²
		1¼"WW	32	20, 30, 45, +5+5...		
		M30 x 3.5	30	30		
		G3/4"	26,5	20, 30,45, +5+5...	80, 110, 140, 200, 250, 300, 350, ...	16 = 2,0 cm²
		1" WW	25,4	20, 45, +5+5...		
		M24	24	25, 45, +5+5...		
	24x1,5 = 7,05 cm² 20x2,0 = 9,50 cm²	M22 x 1,5	22	45, +5+5...		
		G1/2"	21	15, 20, 40		
		M20	20	45, +5+5...	80, 110, 140, 200, ...	13 = 1,3 cm²
		G3/8"	16,7	20		

FILTER-NOZZLES

Type K2



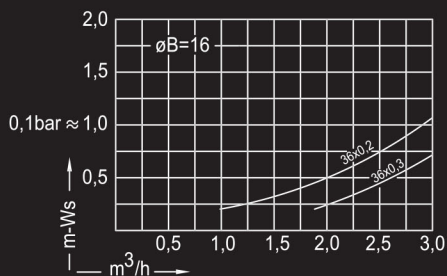
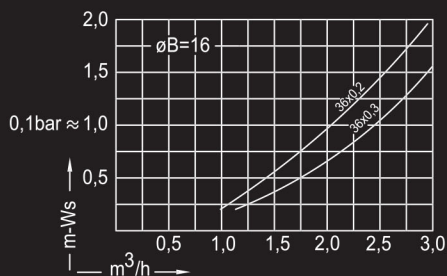
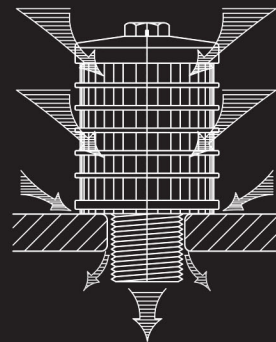
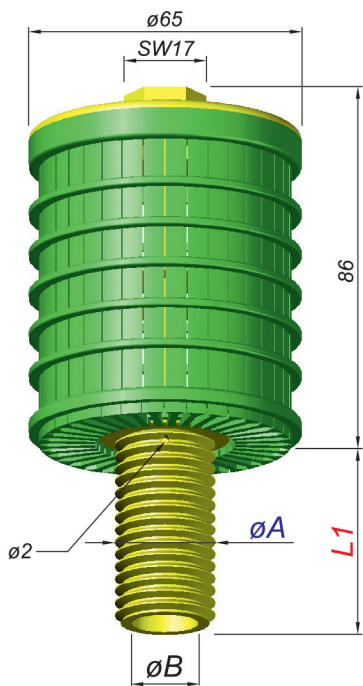
Type	Slots	Thread	øA	Thread length	L1	Shaft	L2	øB
K2	40 x 0,2 = 3,63 cm² 40 x 0,35 = 6,35 cm²	1 1/2"WW	32	25, 45		80, 110, 140, ...		21 = 3,4 cm²
		M30 x 3,5	30	30				
		G 3/4"	26,5	25, 45				
		M24	24	25, 45		80, 110, 140, ...		16 = 2,0 cm²



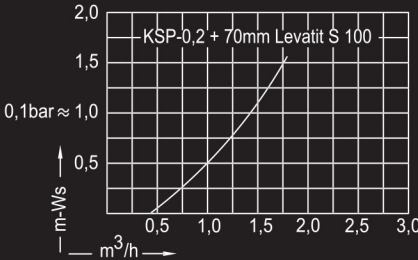
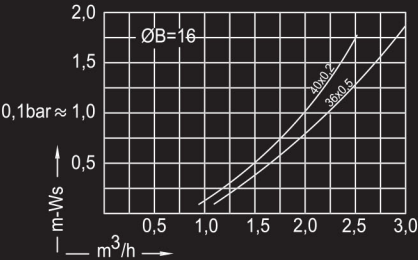
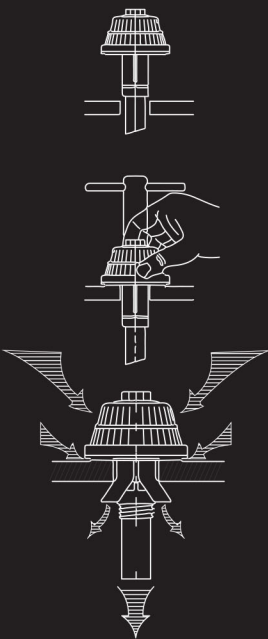
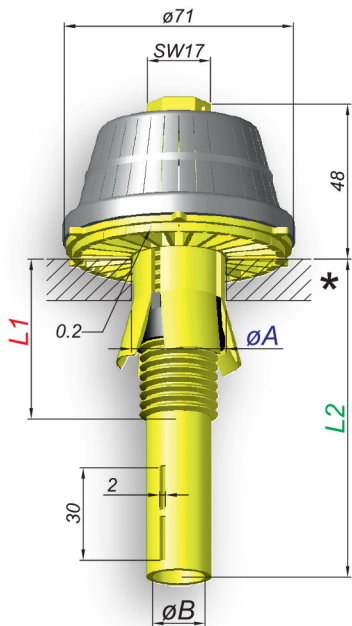
Type	Slots	Thread	øA	Thread length L1	Shaft L2	øB
C1	36 x 0,2 = 1,95 cm²	1¼"WW	32	25, 30, 45	80, 110, 140, 200, 250, 300, 350, ...	21 = 3,4 cm²
	36 x 0,3 = 2,90 cm²	M30	30 x 3.5	30		
	36 x 0,5 = 4,90 cm²	G 3/4"	26,5	20, 45, +5+5...		
	36 x 0,7 = 6,80 cm²	1"WW	25,4	20, 45, +5+5...	80, 110, 140, 200, 250, 300, 350, ...	16 = 2,0 cm²
	36 x 1,0 = 9,80 cm²	M24	24	20, 45, +5+5...		

FILTER-NOZZLES

Type C2



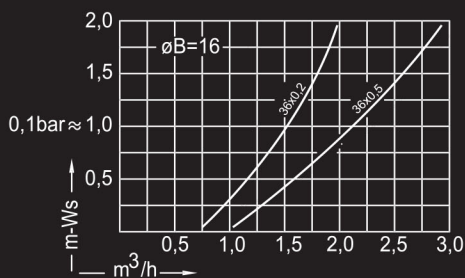
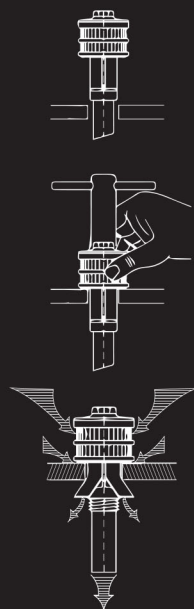
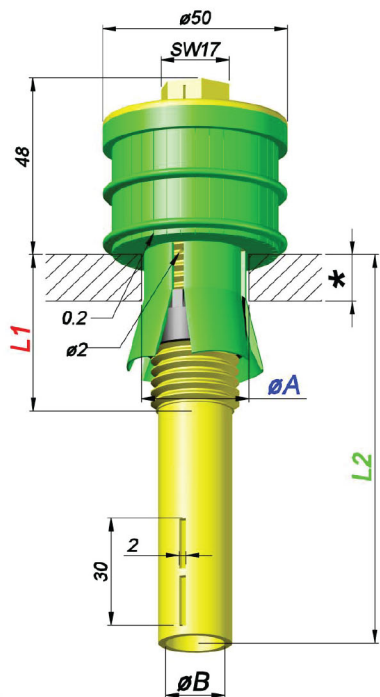
Type	Slots	Thread	øA	Thread length	L1	øB
C2	36 x 0,2 = 3,70 cm² 36 x 0,3 = 5,50 cm² 36 x 0,5 = 9,61 cm²	1¼"WW	32	25, 30, 45		21 = 3,4 cm²
		M30 x 3.5	30	30		
		G 3/4"	26,5	20, 45, +5+5...		16 = 2,0 cm²
		1"WW	25,4	45		
		M24	24	20, 45, +5+5...		



Type	Slots	*	L1	Shaft	L2	$\varnothing A$	$\varnothing B$
KSP	40 x 0,2 = 1,95 cm ²	8 - 28	50	80, 110, 140, 200, 250		28-29,5; 29,5-31,5; 31,5-33; 33-34,5; 34,5-36;	16 = 2,0 cm ²
	36 x 0,35 = 2,96 cm ²	25 - 45	73	110, 140, 200, 250			
	20 x 0,5 = 2,35 cm ²						
	36 x 0,5 = 4,23 cm ²	8 - 28	50	80, 110, 140, max. 200		25-27,5 ; 26,5-28,5	13 = 1,3 cm ²
	20 x 0,8 = 3,78 cm ²	25 - 45	73	80, 110, 140, max. 200			
	36 x 1,0 = 8,46 cm ²						
	24 x 1,5 = 7,05 cm ²						
	20 x 2,0 = 9,50 cm ²						

FILTER-NOZZLES

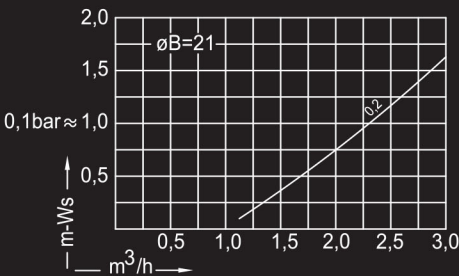
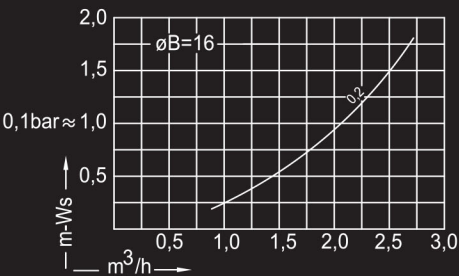
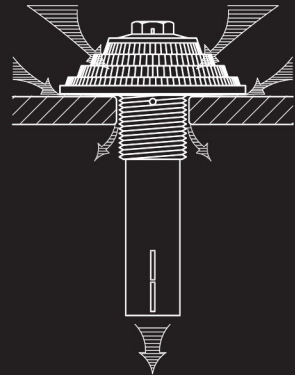
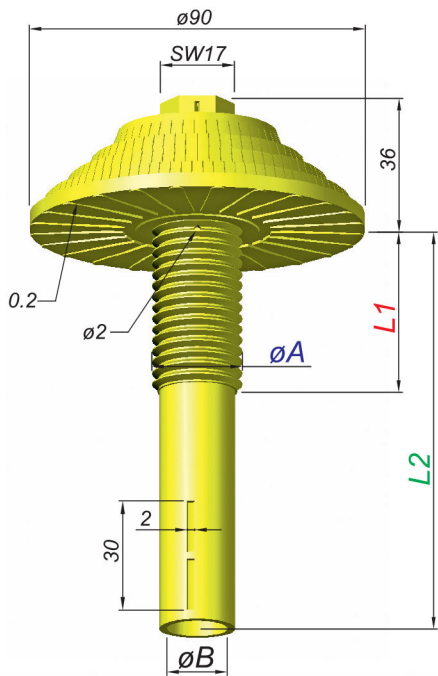
Type DSP



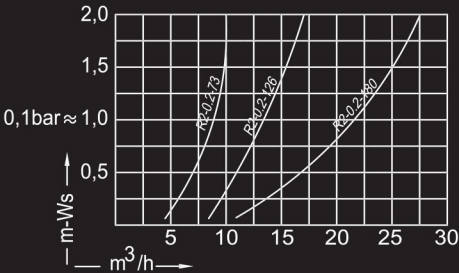
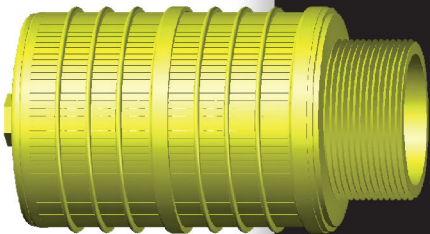
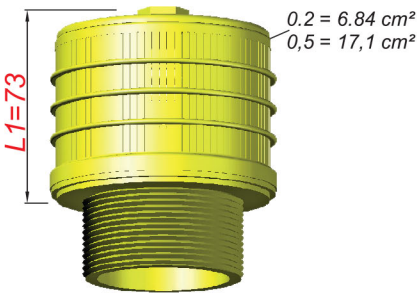
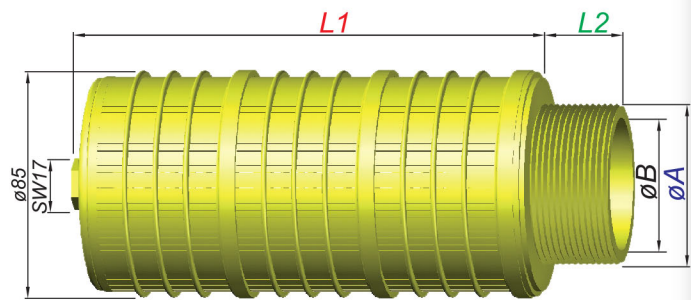
Type	Slots	*	L1	Shaft	L2	øA	øB
DSP	36 x 0,2 = 1,37 cm²	8 - 28	50	80, 110, 140, 200, 250		28-29,5; 29,5-31,5; 31,5-33; 33-34,5; 34,5-36;	16 = 2,0 cm²
	36 x 0,3 = 2,05 cm²	25 - 45	73	110, 140, 200, 250			
	36 x 0,5 = 3,42 cm²						
	36 x 1,0 = 6,84 cm²						
	36 x 0,2 = 1,37 cm² 36 x 0,5 = 3,42 cm²	25- 45	73	100, 110, 140, max. 200	25-27,5 26 - 28	13 = 1,3 cm²	

FILTER-NOZZLES

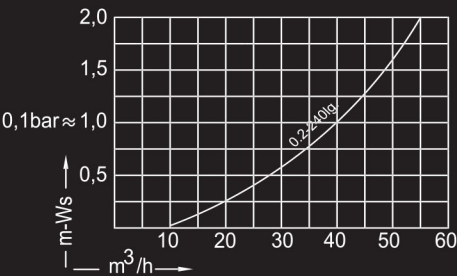
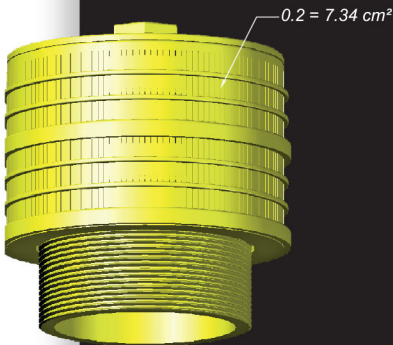
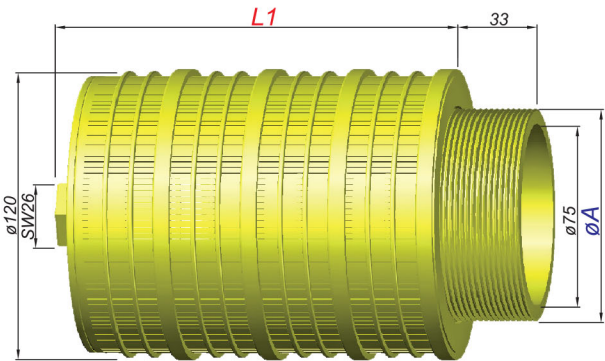
Type P



Type	Slots	Thread	$\varnothing A$	Thread length L1	Shaft L2	$\varnothing B$
P	0,2 = 3,0 cm ²	1¼"WW	32	25, 45, +5 +5 ...	80, 110, 140	21 = 3,4 cm ²
		G ¾"	26,5	20, 45, +5 +5 ...	80, 110, 140	16 = 2,0 cm ²
		1"WW	25,4	20, 45		
		M24	24	20, 45, +5 +5 ...		



Ordering	Type	Slots	øA	øB	L2	Headlength	L1
	R2	0,2	G 2"	ø 50	30, 55	73, 126, 180, 231, 284, 338, 389, 442, 496, 547, 600, 654, 705, 758, 812, 863, 916, 970, 1021, 1074, 1128, 1179, 1232, 1286	
		0,3	G 1½"	ø 38	30, 55		
		0,5	G 2"	1 1/4"NPT	30		
		1,0	G 2"	1 1/2"NPT	30		
			ø 68	G 2"	30		
			1 1/2"NPT	1 1/4"NPT	30		
			2 ½" 8NPSM	ø60	20		



Ordering	Type	Slots	$\varnothing A$	Headlength $L1$
	R3	0,2 0,5	G 3" 3" NPT 4" 8UN	168, 240, 312, 384, 456, 528, 600, 672, 744, 816, 888, 960, 1032, 1104, 1176, 1248, 1320 ...



