

## KS RANGE SUMP PUMPS



- Extensive stainless steel model range, AISI 304
- Lightweight, compact design
- Fast draining of cellars, excavations and swimming pools
- Fully portable with carrying handle
- Available with automatic float switch
- Designed and built for continuous duty operation
- Double mechanical seal with oil chamber for enhanced durability

# KS RANGE SUMP PUMPS

## Field of applications

Smedegaard KS sump pumps is a comprehensive range of submersible drainage pumps, offering a complete solution for the pumping of clean, dirty or semi-dirty waters. They are used for emptying plantroom sumps, cellars, excavations and swimming pools. Maximum solid particle size is 10mm. The pumps are designed and built for continuous duty operation – even if the pumps are only partially submerged.

## Automatic start/stop function:

Pumps in "A" configuration are with automatic float switch. Separate automatic float switches for 3-phase pumps are available.

The "AV" configuration is with vertical start/stop function.

## Accessories

Flexible PVC hose coupling. Additional float switch for alarm signal or external stop/start functions also available.

## Technical specifications

Pump casing/impeller: Stainless steel AISI 304  
 Shaft: Stainless steel AISI 420  
 Seal KS 2: Double shaft O-ring seal EPDM  
 Seal KS 3-9: Double shaft mechanical seal  
 Pump side: Tungsten carbide/Ceramic  
 Motor side: Graphite/ceramic  
 Protection class: KS 2, IP58 KS 3-9, IP 68  
 Insulation class: F

## Electrical connection:

KS 2 are supplied with 5 m of cable. KS 3-9 have 10m of cable. Built in overload protection with automatic reset for all single-phase standard voltage. For three phase version, the user must provide motor protection and start/stop function.

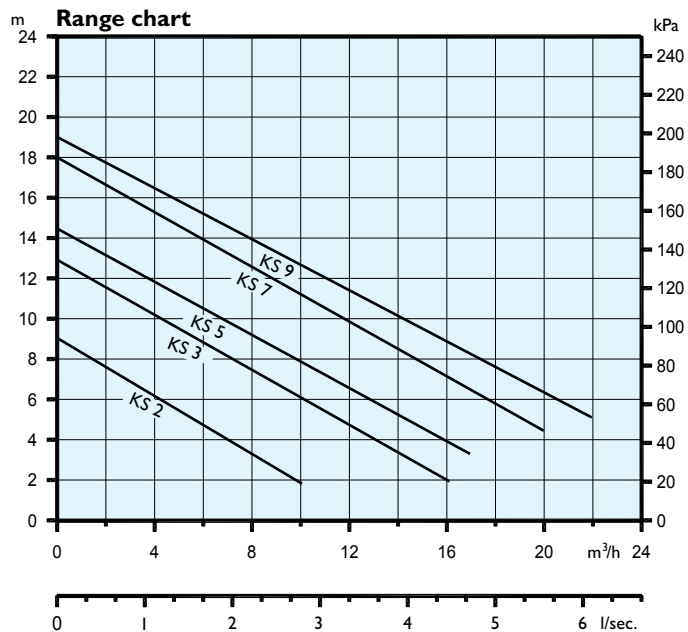
The pumps must be connected in accordance with local electrical regulations.

## Operating parameters

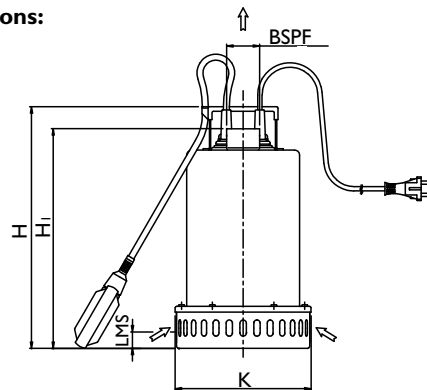
Max. Temperature: 50°C continuous operation  
 Short period: KS 2: 80°C KS 3-9: 90°C  
 Max. Solid size: 10 mm  
 Max. Immersion: KS 2: 5 m KS 3-9: 10 m  
 Sump size: KS 2 A-1: 400x400 mm  
 Sump size: KS 2 AV-1: 200x200 mm  
 Sump size: KS 3- KS 9: 600x600 mm  
 Minimum suction height: 20 mm

## Model identification

KS: Sump pump stainless steel  
 5: Model size  
 A: Automatic (with float switch)  
 AV: Automatic (with vertical start/stop)  
 M: Manual (without float switch)  
 1: 1x230V, 50Hz  
 3: 3x400V, 50Hz



## Dimensions:



Type	H	HI	K	LMS	BSPF	W	Volt	Amp	Kg
KS 2 A-1	260	220	162	20	1¼"	510	1x230	2,2	5,9
KS 2 AV-1	273	231	167	14,5	1¼"	510	1x230	2,3	4,7
KS 2 M-1	260	220	162	20	1¼"	510	1x230	2,2	5,9
KS 3 A-1	352	315	210	20	1½"	550	1x230	4,4	12,0
KS 3 M-3	352	315	210	20	1½"	550	3x400	2,0	12,0
KS 5 A-1	352	315	210	20	1½"	740	1x230	5,6	12,7
KS 5 M-3	352	315	210	20	1½"	740	3x400	2,4	12,7
KS 7 A-1	377	340	210	20	1½"	1100	1x230	7,3	13,8
KS 7 M-3	377	340	210	20	1½"	1100	3x400	3,0	13,8
KS 9 M-3	377	340	210	20	1½"	1500	3x400	3,3	13,5

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Smedegaard reserve the right to change the product without prior notice and take no responsibility for inaccuracies or misprints.

# SMEDEGARD

OF DENMARK

T. Smedegaard A/S Sydvestvej 57-59  
 DK 2600 Glostrup Danmark  
 Tel +45 43 96 10 28 Fax +45 43 63 17 66  
 info@smedegaard.dk www.smedegaard.dk

Smedegaard Pumps Unit 7 Barhams Close Wylids Road  
 Bridgwater Somerset TA6 4 DS England  
 Tel 01278 458686 Fax 01278 452424  
 smedegaardpumps@btinternet.com www.smedegaard.co.uk

Smedegaard AG Pumpen- und Motorenbau  
 Industriestrasse 15 CH-5712 Beinwil am See Schweiz  
 Tel +41 62 765 0500 Fax +41 62 765 0501  
 info@smedegaard.ch www.smedegaard.ch