

# KS RANGE SUMP PUMPS



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

# KS Range - Sump Pumps

## Field of Application

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 switch for 3-phase pumps are available.

## Accessories

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

## Electrical Connections

KS 2 are supplied with 5m of cable. KS 3-9 have 10m of cable. Built in overload motor 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.

## Technical Specification

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

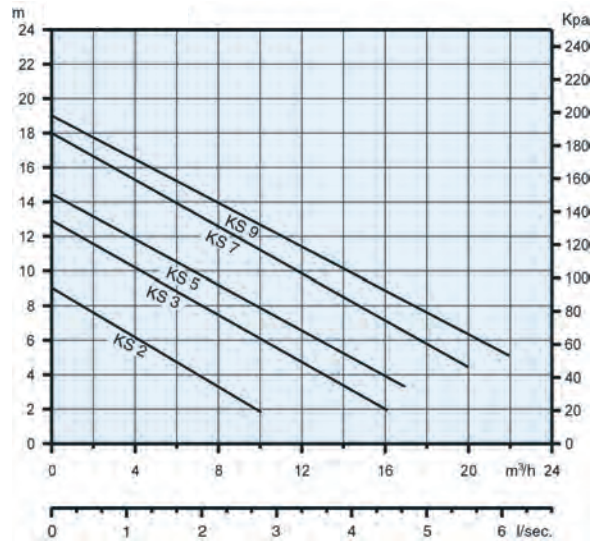
## Operating Parameters

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: 400x400x400 mm  
 Sump size: KS 3-9: 600x600x600 mm  
 Minimum suction height: 20 mm

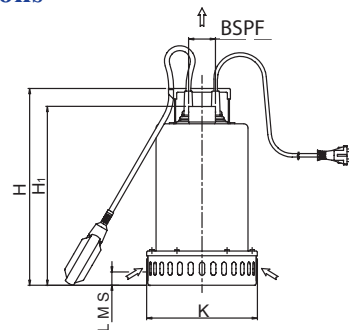
## Model Identification (example)

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

## Range Chart



## Dimensions



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

*It is Smedegaard's policy to continually improve and develop its product range. We reserve the right to change specifications without prior notice. Whilst every care has been taken to ensure the data is correct, no responsibility can be taken for inaccuracies or misprints.*