

# 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

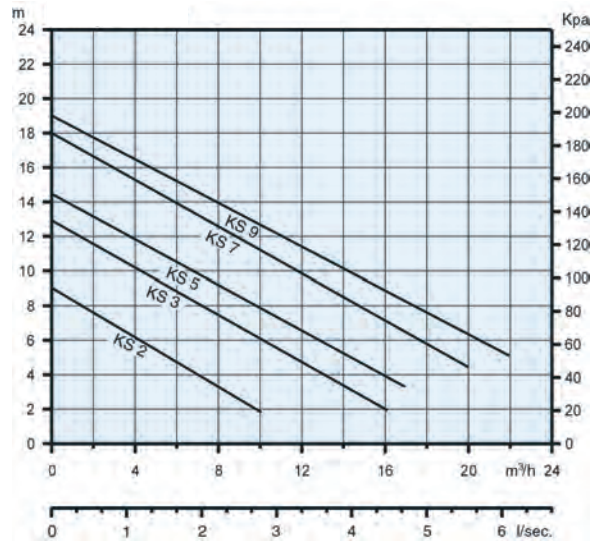
## Operating Parameters

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

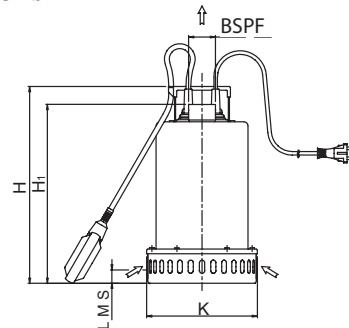
## Model Identification (example)

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

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