

**Suction jackets for submersible motor pumps**

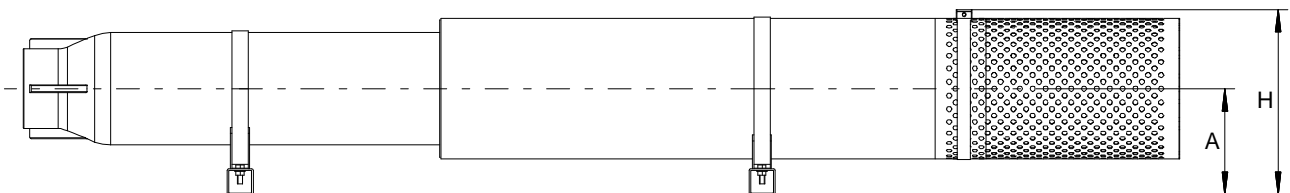
Suction jackets are necessary:

- for better cooling conditions of the motors, especially at delivery from basins, tanks, open waters and big well diameters
- at high temperature of pumped medium
- if it is possible, that there would be deposits at the motor or the well water becomes muddy

Design: horizontal and vertical



Pic. 1: Suction jacket, vertical

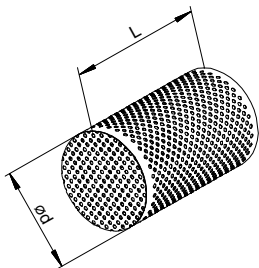


Pic. 2: Suction jacket, horizontal

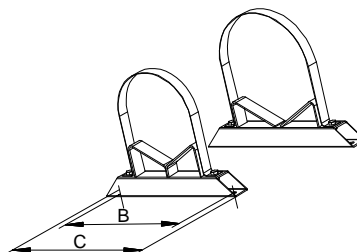
Subject to alterations

Optional suction strainer (Pic. 3) is offered. They should be used to protect the pump against coarse pollution impurities.

For horizontal installation special supporting brackets are used (Pic. 3). Please note the limitation for horizontal using of submersible motor pumps.



Pic. 2: Suction strainer



Pic. 3: supporting brackets

All parts are made of stainless steel.

By using a suction strainer the aggregate will be longer by about 300 mm.

Submersible pump	Motor	Suction jacket Part-N°.	Suction strainer Part-N°.	Supporting brackets Part-N°.	
				Dimensions	
po-so-.../4.6	po-mo4 0.37-1.5kW	SM04040-400 D[mm]=130	Part-N°. SMZ1160	Pump end A/B/C	SMZ0961401 140/210/250
	po-mo4 2.2-5.5kW	SM04040-800 D[mm]=130	Dimensions [mm] H/d/L 215/118/380	Motor end A/B/C [mm]	SMZ1291401 140/225/265
po-so-.../6.5	po-mo4 0.75-2.2kW	SM06040-450 D[mm]=240	Part-N°. SMZ1830	Pump end A/B/C [mm]	SMZ1291401 140/240/280
	po-mo4 3-5.5kW	SM06040-800 D[mm]=240	Dimensions [mm] H/d/L 255/185/380	Motor end A/B/C [mm]	SMZ1881400 140/290/330
	po-mo6 4-9.2kW	SM06060-800 D[mm]=240			
	po-mo6 11-37kW	SM06060-1250 D[mm]=240			
po-so-.../8.2	po-mo6	SM08060 D[mm]=280	Part-N°. SMZ2190	Pump end A/B/C [mm]	SMZ1781651 165/290/330
	po-mo8	SM08080 D[mm]=340	Dimensions [mm] H/d/L 300/221/380	Motor end A/B/C [mm]	SMZ2191651 165/330/370
			Part-N°. SMZ2730	Pump end	SMZ1801800 180/264/304
			Dimensions [mm] H/d/L 385/275/380	Motor end	SMZ2731800 180/360/400
				Dimensions on request	

Table 1: Overview suction jackets **po-sm**

Subject to alterations

Please: If you order suction jackets, give us your motor length

Suction jackets for submersible motor pumps line **po-so-.../3**, **po-so-.../10**, **po-so-.../12** and **po-ss** on request.