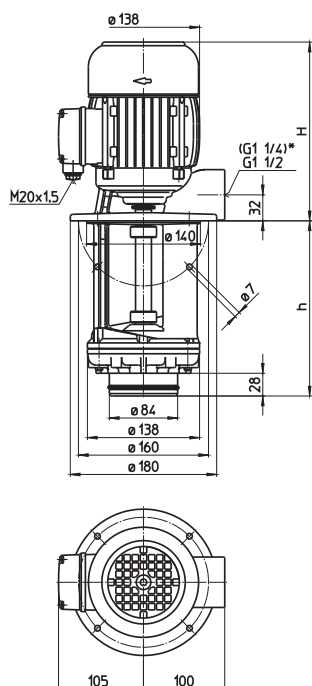


Suction Immersion Pumps

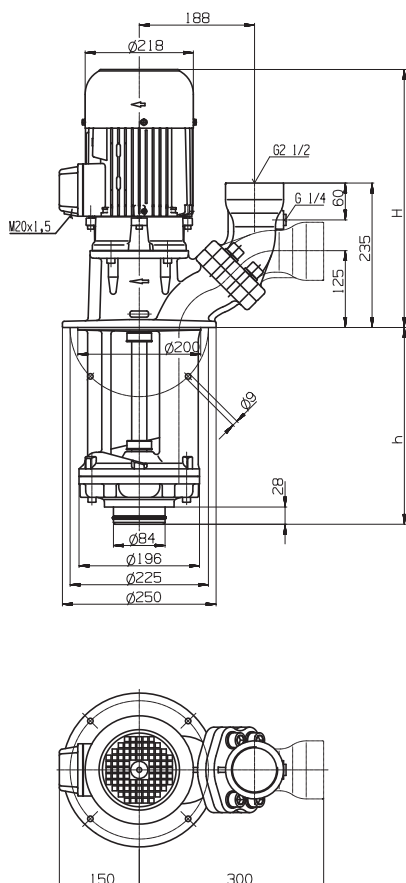
TAS/STS301...1001

Axial/semi-open impellers

TAS301, TAS601



STS1001



*) Dimensions for TAS301

Type	Vol. del. at manom. del. head l/min / m	Height H mm	Depth of im- mersion h mm	Weight kg	Power kW	Voltage 3 ~ V	Fre- quen- cy Hz	Current A	Speed 1/min
TAS301/140	200/5.5	264	136	14.0	0.63	220-240	50	2.70	2850
220			216	14.5		380-415	50	1.56	2850
290			286	15.0					
370			366	15.5	0.725	460	60	1.46	3425
460			456	17.5					
570			566	19.0					
TAS601/150	400/4	291	144	17.5	1.1	220-240	50	4.33	2850
230			224	18.0		380-415	50	2.50	2850
300			294	19.0					
380			374	20.0	1.27	460	60	2.4	3440
470			464	21.5					
580			574	22.5					
STS1001/230	600/14	503	216	65	3.3	220-240	50	11.6	2930
330			316	67		380-415	50	6.7	2930
460			446	70					
580			566	74	3.8	460	60	6.4	3520
780			766	86					
1010			996	92					

Suction Immersion Pumps

series TAS/STS make it possible to **connect to vacuum filters** through their simple connection on the suction side (for instance, with a slot screen).

Suction immersion pumps without seals are positioned in the area of unfiltered coolant in the tank.

With their robust design, they allow operating pressures of - 0.3 bar to - 0.5 bar on the suction side.

The STS serie offers a **flange** with pressure gauge connection port.

The flange can be rotated for either horizontal or vertical pipe connections.



All types specified are also available as multistage pumps e.g. STS304/610.

See series TA/STA.

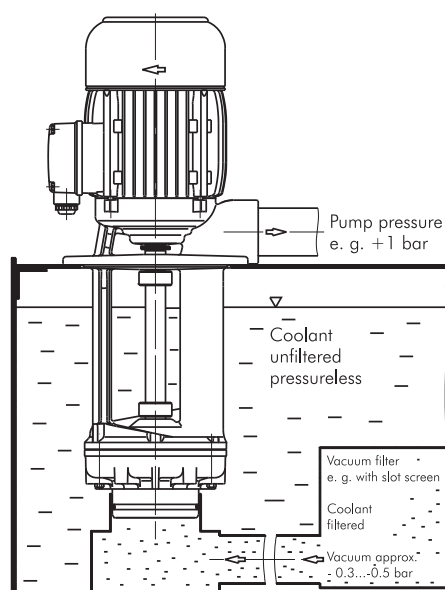
Applications

Types of fluid
coolants
cooling/cutting oils
Kinematic viscosity
...45 mm²/s (45 cSt)
Pumping temperature
0...60° C

Construction

Pump body	cast iron
Cover	cast iron
Impeller axial	cast steel
Impeller radial	brass
	cast steel (STS1001)
Shaft	steel
Optional:	
Impeller radial	cast steel (TAS301...TAS601)

Noise level	
TAS301	60 dBA
TAS601	62 dBA
STS1001	71 dBA



Suction connection

Intake cover cast iron
with O-Ring 78 x 4 mm Viton

for
Connecting pipe
86.0...86.8 mm inner-Ø

