

ALPSEE TP 4/1

ACCORDING TO
DIN 14425

SUBMERSIBLE MOTOR PUMP

for soiled waste water
with solids up to 8 mm grain size



100%
MADE IN GERMANY

ADVANTAGES AT A GLANCE

- **Efficient low-level pumping**
down to a few millimeters depth
without any other accessories
- **Capacity**
850 l/min at 0 bar
410 l/min at 1 bar
- **Optimal mobility**
due to compact dimensions and
23 kg weight
- **Durable motor configuration**
with thermal monitoring and
maintenance-free components
- **Easy handling**
thanks to ergonomic and robust
carrying handle
- **Wear-resistant impeller**
made of cast iron
- **Permanent dry-running safety**
thanks to dry and endurance run
suitable mechanical seal
- **Reliable continuous operation**
with 3 kVA DIN generators

TECHNICAL DATA

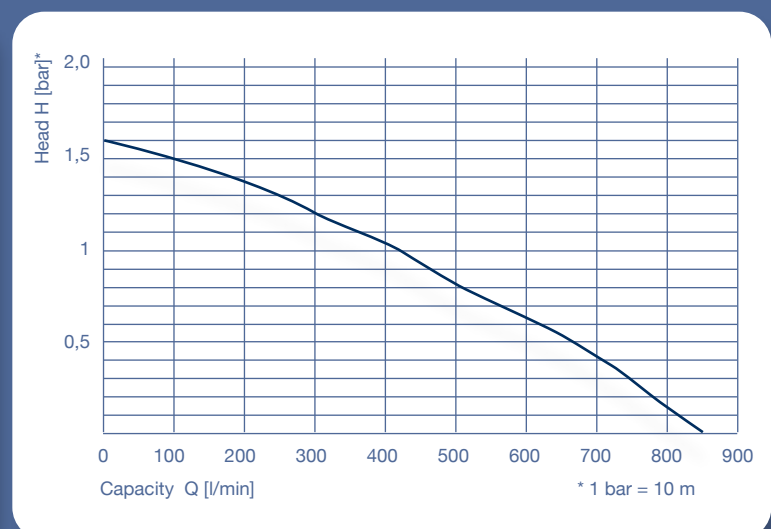
Voltage U	1~ 230 V
Frequency f	50 Hz
Performance P1	1,8 kW
Nominal current I	8,8 A
Protection class	IP 68
Connections	2½" / B-Storz
Weight	23 kg
Grain passage	8 mm
Dimensions Ø x H	Ø 245 mm x 455 mm
Immersion depth	≤ 20 m
Temperature pumped medium	0° bis 60°C
pH value pumped medium	5 - 8
Ambient temperature	-15°C to 40°C
Density pumped medium	≤ 1,1 kg/dm³

EQUIPMENT

Power cable	20 m heavy-duty cable in signal color yellow with PA kink protection and strain relief, easy to replace
Cable type	H07RN-F (3G1,5)
Power plug	Schuko plug 16 A in protection class IP68
Carrying handle	PA6 GF30
Motor housing	Seawater-resistant aluminum alloy (G-AlSi10Mg)
Pump jacket	PE
Pump shaft	Stainless steel 1.4104
Shaft sealing	Mechanical seal suitable for dry and continuous operation (silicon carbide)
Impeller & guide device	Cast iron (EN-GJL-200)
Suction basket	Stainless steel 1.4301
Seals	NBR (mineral oil resistant)
Screws	Stainless steel 1.4301

ACCESSORIES

Accessory pack
with 3 or 5 m PVC spiral hose and non-return flap
PVC spiral hoses
with B-Storz couplings
Portable residual current device (PRCD)
residual current 30 mA, pluggable or inline
Non-return flap
for pressure-side installation to prevent backflow at the end of pumping operation
Pluggable float switch
for optional plugging between socket and pump, for automatic, level-controlled operation

CAPACITY HEAD TABLE

PERFORMANCE

Pump performance according to DIN EN ISO 9906										
	Head H [bar]	0	0,2	0,4	0,6	0,8	1,0	1,2	1,4	1,6
ALPSEE TP 4/1	Capacity Q [l/min]	850	780	710	620	510	410	300	190	0

