



KTV2-50 (A-03247-1)

## Classification

Electric submersible pump  
 Protection class IP68  
 Depth of submersion max. 30m  
 Semi-vortex impeller with Agitator  
 Max. solid handling 10mm  
 Suitable for sludge, slurry, liquids containing mud

## Electric Motor

Dry-type submersible induction motor,  
 Insulation class E, 2 poles, 2850 r.p.m.  
 Direct on line start  
 Voltage: 400V, 50Hz, 3-phase  
 Power input: 2,41kW  
 Power output: 2,00kW  
 Nominal current: 3,8A  
 Start current: 30,0A

## Electric Cable

20m HO7RN-F 4Cx1,5mm<sup>2</sup>

## Motor Protection

Circle thermal protector  
 (snap-action bi-metal device)

## Shaft Seal

Double mechanical seal in oil bath  
 additional lubrication by oil lifting device  
 Primary Seal:  
 silicon carbide on silicon carbide  
 Secondary Seal:  
 silicon carbide on silicon carbide

## Bearings

Shielded ball bearings, maintenance-free

## Materials

Impeller:	Chromium iron casting
Agitator:	FCD700 (EN-GJS-700-2)
Casing:	Synthetic rubber
Motor frame:	Aluminium alloy casting
Shaft:	SUS403 (EN-X6Cr13)

## Discharge Connection

2" (50mm) hose coupling

## Weight

24 kg (dry weight of the pump without cable)