

## Heavy Duty 24v DC Submersible Contractor Pump



\*Available with  
vortex or strainer  
base

### APPLICATIONS

These D.C. electric submersible pumps at 24V are suitable for the lifting of dirty water. Driven by normal batteries they are particularly used for the lifting of water from road drain wells, basements and from sites where the electric current is not available. For battery power applications. Rugged stainless steel / cast iron construction  
High Performance / Low weight: 210LPM/ 11kg plus cables

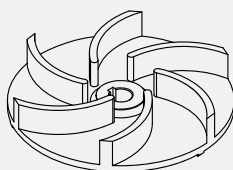
### SPECIFICATIONS

Semi-Open Impeller  
Max temperature of the liquid pumped:  
+40°C  
pH of the liquid pumped: 6-10  
Max immersion depth: 5 m  
Liquid density: 1,0 kg/dm<sup>3</sup>  
Discharge: 40mm / 1 1/2" FBSP  
Min immersion depth for continuous service:  
300 mm  
Free passage:  
Pump: 13mm  
\*Strainer: 8mm  
Max number starts/hour: 20  
\*Inlet with strainer (free passage 8mm) or  
Vortex  
\*Available with vortex or strainer base

### MATERIALS

Cover  
Cast iron EN GJL 200 (UNI EN 1561)  
Pump housing  
Cast iron EN GJL 200 (UNI EN 1561)  
Supporting foot  
Cast iron EN GJL 200 (UNI EN 1561)  
Impeller  
Cast iron EN GJL 200 (UNI EN 1561)  
Mechanical seal  
Silicon Carbide/Silicon Carbide (SiC/SiC)  
Motor housing  
Stainless steel AISI 304  
Motor shaft  
Stainless steel AISI 416  
Bolts and nuts  
Stainless steel Grade A2  
Cable  
10 meters type H07RN-F 1G16mm|  
and battery clamps

### SEMI-OPEN IMPELLER



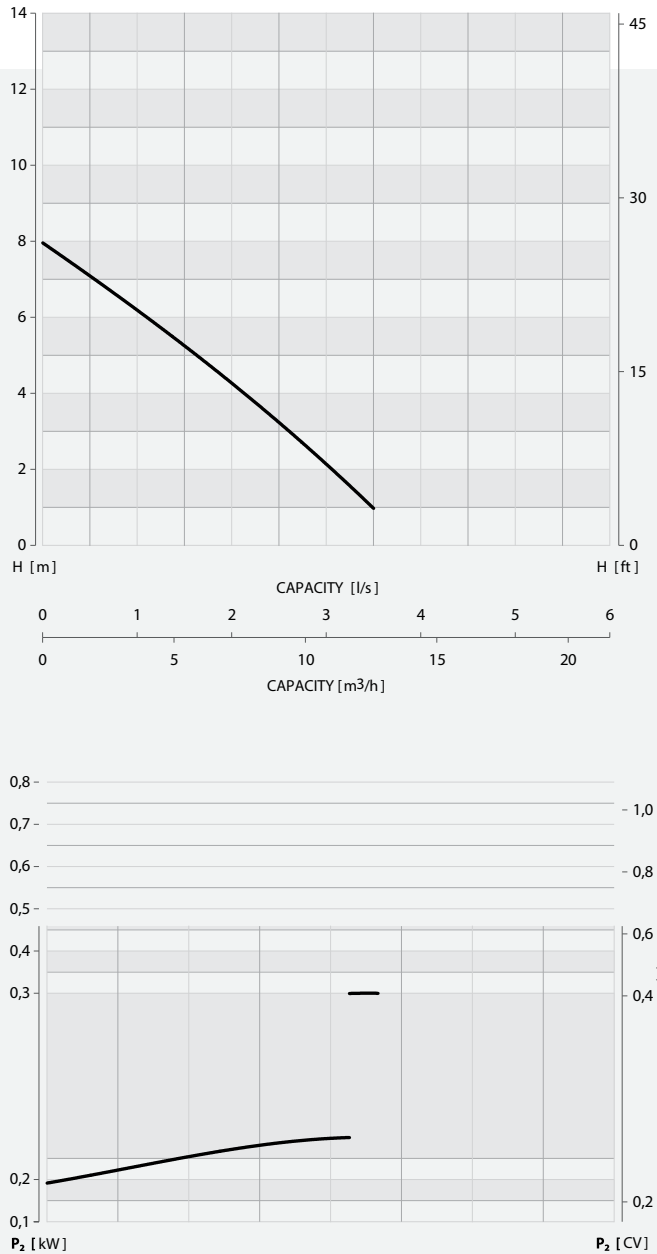
### MOTOR

24VDC / 0.3kW  
The electric motor is asynchronous with squirrelcage rotor in dry chamber  
Class of insulation F  
Protection degree IP68  
Main voltage values and relative tolerance  
in relation to the rated voltage value:  
12V D.C. +10% ÷ -5%

### TECHNICAL DATA

MODEL	P1 kW	P2 kW	VOLTAGE VDC	CURRENT A	CABLE m	WEIGHT kg
SDC24-30	0,40	0.30	24	17	10	11kg +cable

## PERFORMANCE CURVE



Performance tolerance in according to UNI/ISO 9906 Grade 2

## INSTALLATION DIMENSIONS

