

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

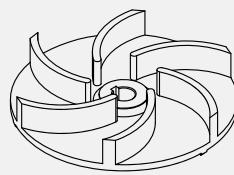
Semi-Open Impeller
Max temperature of the liquid pumped: +40°C
pH of the liquid pumped: 6-10
Max immersion depth: 5 m
Liquid density: 1,0 kg/dm³
Discharge: 40mm / 1 1/8" FBSP
Min immersion depth for continuous service: 300 mm
Free passage:
Pump: 13mm
*Strainer: 8mm
Max number starts/hour: 20
*Inlet with 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 1G16mm² and battery clamps

SEMI-OPEN IMPELLER



MOTOR

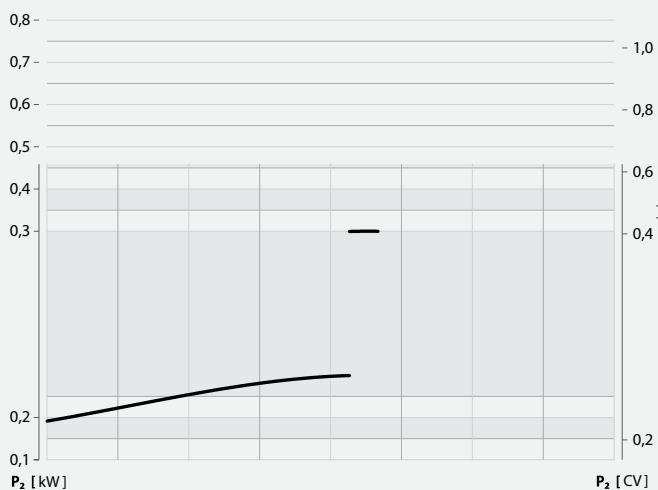
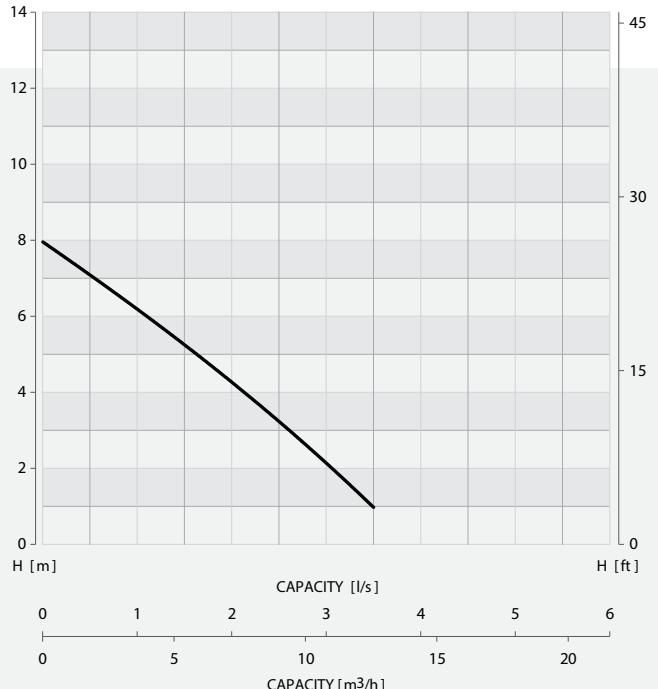
24VDC / 0.3kW
The electric motor is asynchronous with squirrelcage rotor in dry chamber
Class of insulation F
Protection degree IP68

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 accordance to UNI/ISO 9906 Grade 2

INSTALLATION DIMENSIONS

