

S6

MOTOR-DRIVEN SUBMERSED PUMPS FOR 6" WELLS



Multistage, centrifugal, submerged motor-driven pumps for 6" wells or larger, able to generate a vast range of heads and flow rates. They can be employed in a wide range of lifting, distributing and pressurising applications in civil and industrial water installations, supplying autoclaves and cisterns, fire fighting and washing systems, irrigation systems.

Constructional characteristics of the pump:

Motor support and supply body in stainless spheroidal graphite cast iron "Niresist" D2B. Bottom support dimensioned to NEMA 6" standard. Check valve incorporated in the supply support. Bush bearings: bronze rubber. Spline shaft (AISI 420) entirely protected. Consumable rings, spacer tubes for diffuser body, cable protection, suction grille in AISI 304 stainless steel. Noryl impellers and diffusers.

Constructional characteristics of the motor

Asynchronous 2-pole submerged motor totally built from AISI 304 stainless steel. Squirrel-cage rotor mounted on a self-centring thrust block bearing suitable for withstanding axial loads. Stator encased in self-sealing synthetic resin and inserted in a stainless steel airtight casing. The bearings are lubricated by the pumped liquid. Protection devices must be provided by the user according to EN 60947-4-1 (Cut-in delay <10 sec. a 5 x In).

Protection level: IP 58

Operating range: up to 66 m³/h with heads up to 468 m.

Pumped liquid: clean, free from solid or abrasive substances, chemically neutral and close to the characteristics of water

Max. ambient temperature: 30°C

Starts/hour: max 15

Max. quantity of sand: 40g/m³

Minimum recommended level on suction: 1 metre.

Cooling flow: 16 cm/sec

HYDRAULIC DATA

