

SCS Series - Split Case Pump

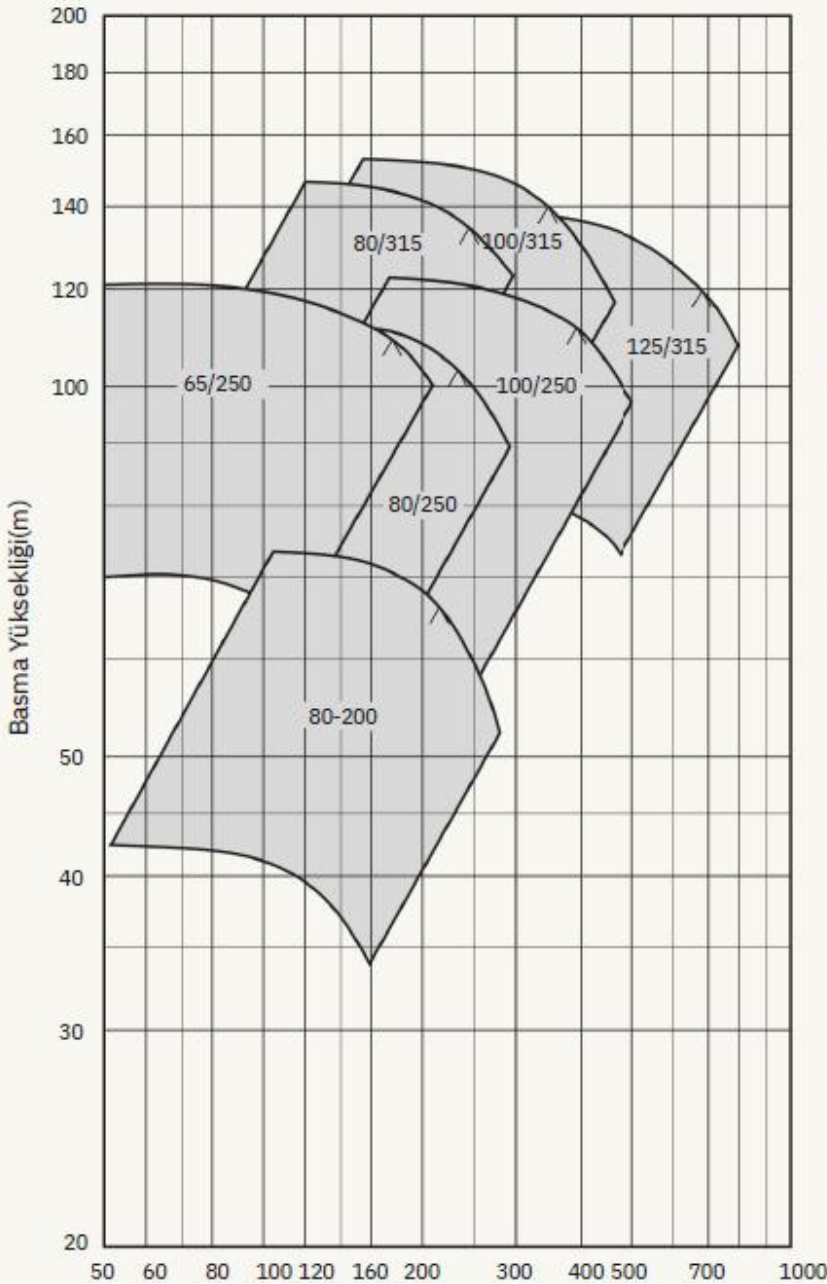


Pump Materials

Pump Casing	: Cast Iron / GG40 Sfero
Impeller	: Cast Iron/Bronze/AISI316SS
Shaft	: AISI420 / AISI316
Sealing	: Mechanical / Soft Packing

Technical

Temperature	: -10 / 40°C
Power Supply	: 380V 50Hz / 440V 60Hz
Op. Pressure	: 16 Bar
Max Flow	: 4000 m ³ /h
Max Head	: 192 m
Motor Speed	: 960 / 1450 / 2950 rpm



The SCS series split case double suction pump is engineered for high efficiency, reliability, and long service life in demanding industrial and commercial applications. Designed as a single-stage, double suction impeller pump, it offers excellent hydraulic balance and reduced axial thrust, ensuring smooth and stable operation even under heavy-duty conditions.

Key Design Features

Double Suction Impeller: Provides balanced axial forces, minimizing vibration and extending bearing life.

Between Bearings Support: The impeller is supported on both sides, reducing shaft deflection and improving operational stability.

Horizontal or Vertical Installation: Flexible mounting options make it suitable for different system layouts and space conditions.

Casing Design: The suction and discharge nozzles are integrally cast in the lower half of the casing, positioned on the same horizontal centerline for easy piping and simplified installation.

Material Options: Available in a wide range of materials including cast iron, ductile iron, stainless steel, and bronze, making it suitable for clean water, seawater, cooling water, and various industrial fluids.

