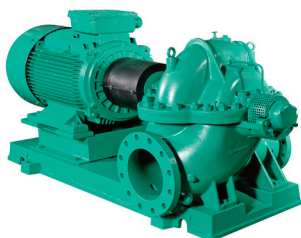


Submittal Data Sheet

Wilo SCP – Horizontal Split Case Pumps



SCP 12 x 10 x 15 HA



Project:

Engineer:

Contractor:

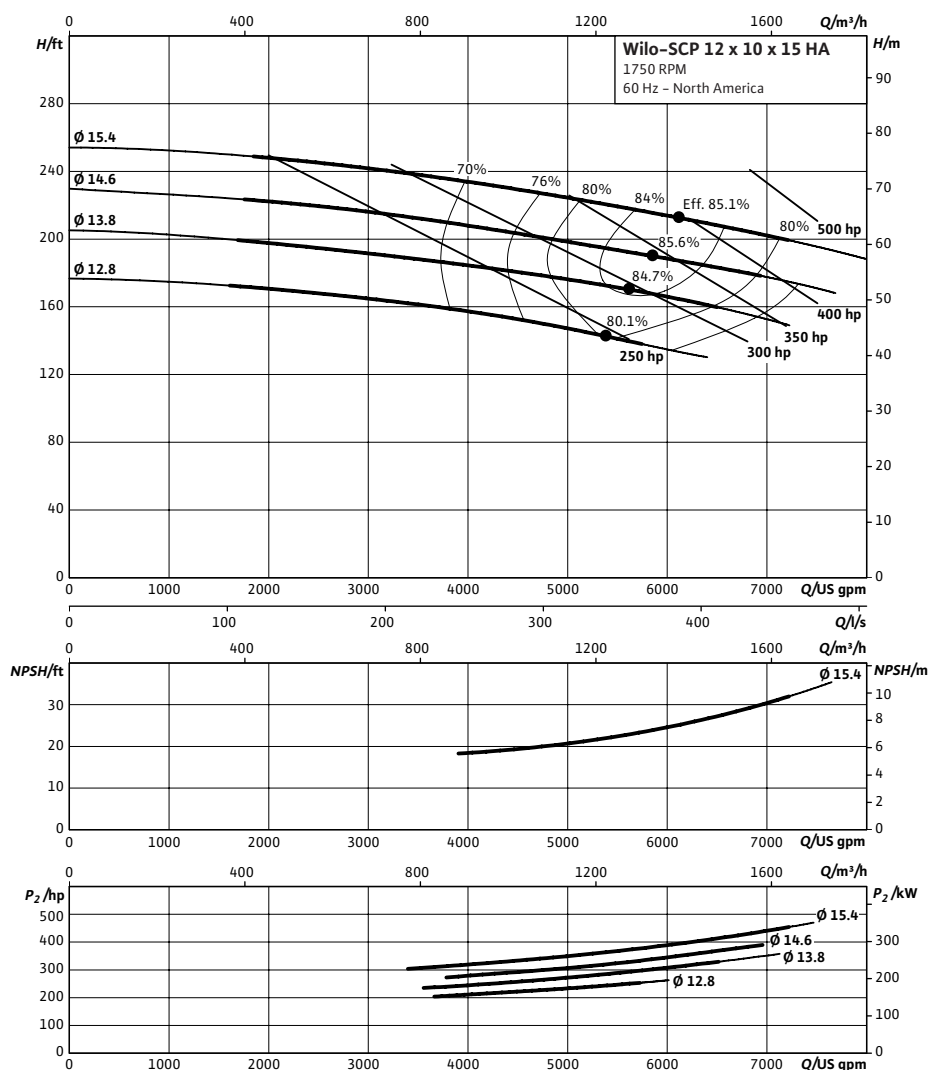
Submitted By:

Date:

Approved By:

Date:

Tag #	Model #	Flow (USGPM)	Head (Feet)	HP	Enclosure TEFC/ODP	Frame	Cycle	Phase	Voltage	RPM
	SCP 12 x 10 x 15 HA						60 Hz	3		



Technical Data

Approved Fluids

Heating Water

Cooling and cold water

Water-Glycol mixtures (for 20–40% glycol and fluid temp ≤ 104°F [40°C])

Fluid Temperature

Mechanical Seal 18°F to 250°F (–8°C to 120°C)

Stuffing Box Packing 18°F to 220°F (–8°C to 105°C)

Materials of Construction

<input type="checkbox"/> Pump Housing	A48 Class 35
<input type="checkbox"/> Pump Housing (Optional)	Ni-resist BS 3468 Gr 2 / BS 2789 500.1
<input type="checkbox"/> Impeller	BS 84 C83 600
<input type="checkbox"/> Impeller (optional)	A48 Class 35 / BS 84 C83 600
<input type="checkbox"/> Stationary Wear Rings	BS 84 C93 700
<input type="checkbox"/> Pump Shaft	A276 type 410
<input type="checkbox"/> Pump Shaft (optional)	BS 970 316 S16
<input type="checkbox"/> Mechanical Seal	Carbon/silicon carbide/EPDM (E1)
<input type="checkbox"/> Other Mechanical Seals	Avail. on request
<input type="checkbox"/> Additional Spacer Coupling	Avail. on request
<input type="checkbox"/> Other:	

Approval Stamp

Wilo SCP – Horizontal Split Case Pumps



The technical drawings illustrate the dimensions of the pump assembly. The front view (left) shows the pump body, motor, and mounting base. Key dimensions include:

- LP**: Length of the pump body.
- L1** and **L2**: Segment lengths of the pump body.
- L**: Total length of the pump body.
- LM**: Length of the motor.
- HO**: Total height of the assembly.
- H1** and **H2**: Vertical dimensions of the pump body.
- S1** and **S2**: Horizontal dimensions of the mounting base.
- S3**: Total length of the mounting base.
- SL**: Total length of the assembly.
- n x Ød**: Specification for the mounting holes.

 The side view (right) shows the pump's profile and mounting details. Key dimensions include:

- L3** and **L4**: Horizontal dimensions of the pump body, each with a tolerance of $\pm 1.5\text{mm}$ (0.06").
- DN S**: Dimension for the suction flange.
- DN D**: Dimension for the discharge flange.
- Ht**: Total height of the pump body.
- S4** and **S5**: Horizontal dimensions of the mounting base.

Dimensions – Inches (mm)

Flange Dimensions – Suction Side

Flange Dimensions – Discharge Side

Technical drawing of a circular flange. The drawing includes a side view on the left and a top view on the right. The side view shows a flange with a total height of b , an outer diameter of ϕD , and an inner diameter of ϕd . The top view shows a circular flange with an outer diameter of ϕD , an inner diameter of ϕd , and a central hole diameter of DN . The flange has a thickness of t and a total of n bolts, each with a diameter of $\phi D/2$. The bolts are arranged in a circle around the central hole.