

# Submittal Data Sheet

## Wilo SCP – Horizontal Split Case Pumps



### SCP 18 x 14 x 19½ HA



Project:

Engineer:

Contractor:

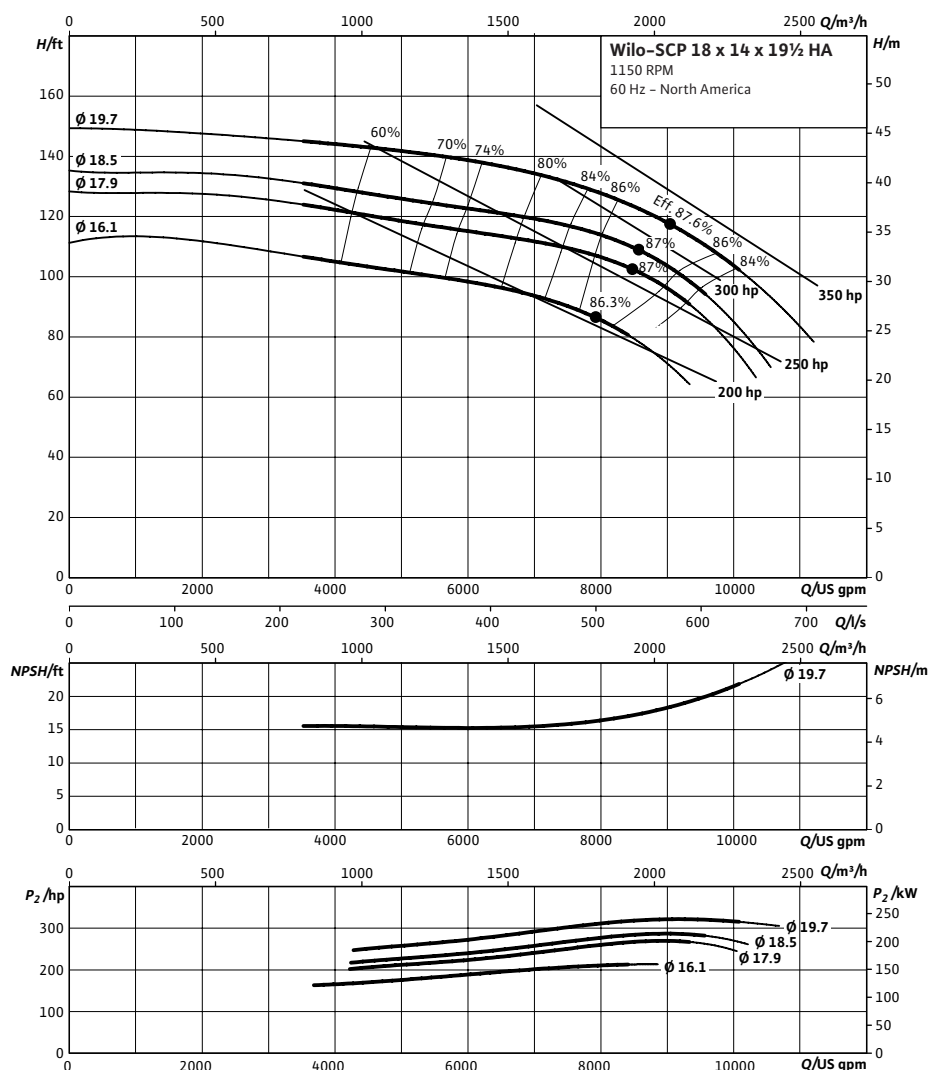
Submitted By:

Date:

Approved By:

Date:

Tag #	Model #	Flow (USGPM)	Head (Feet)	HP	Enclosure TEFC/ODP	Frame	Cycle	Phase	Voltage	RPM
	SCP 18 x 14 x 19½ 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

☐ Other:

Approval Stamp

## Wilo SCP – Horizontal Split Case Pumps



## Single Stage Pump



### Dimensions – Inches (mm)

Additional Motors Available – CONSULT FACTORY

### Flange Dimensions – Suction Side

### Dimensions – Inches (mm)

Technical drawing of a circular flange. The side view on the left shows a flange with a total thickness of  $b$  and a central hole with diameter  $\phi d$ . The top view on the right shows a circular flange with an outer diameter of  $\phi D$ , an inner diameter of  $\phi d$ , and a nominal diameter of  $DN$ . The flange has  $n$  holes, each with a diameter of  $\phi D/2$ , arranged in a circular pattern. The drawing is labeled with dimensions and a note:  $n \times \phi D/2$ .

### Flange Dimensions – Discharge Side

**Dimensions – Inches (mm)**

DN D 125#	ØD	Ød	Øk	b	n	D2
14	21.00 (533)	16.25 (513)	18.75 (476)	1.38 (35)	12	1.13 (29)