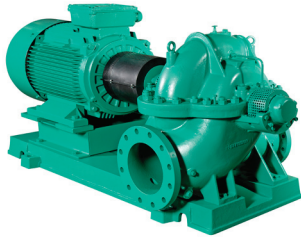


Submittal Data Sheet Wilo SCP – Horizontal Split Case Pumps



SCP 14 x 12 x 22 HA



Project:

Engineer:

Contractor:

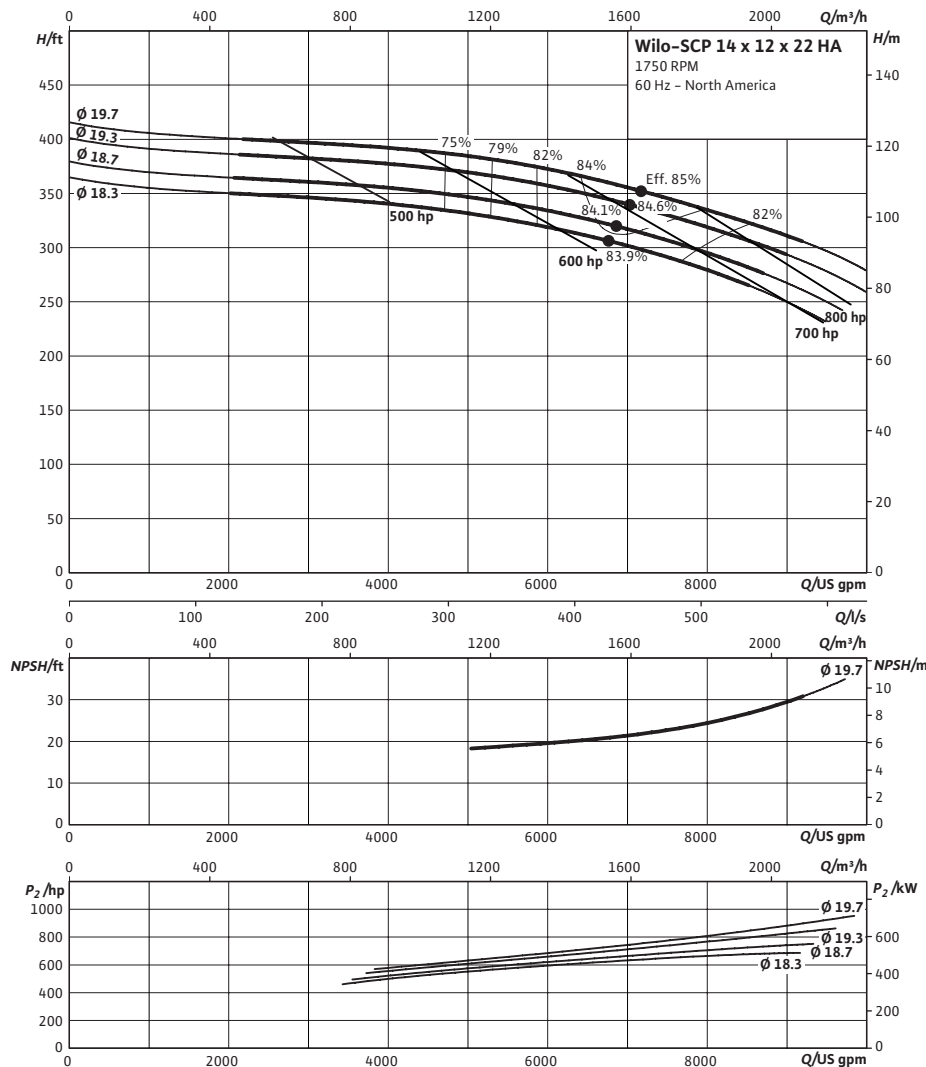
Submitted By:

Date:

Approved By:

Date:

Tag #	Model #	Flow (USGPM)	Head (Feet)	HP	Enclosure TEFC/ODP	Frame	Cycle	Phase	Voltage	RPM
	SCP 14 x 12 x 22 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

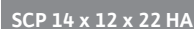
<input type="checkbox"/> Pump Housing	A48 Class 35
<input type="checkbox"/> Pump Housing (Optional)	Ni-resist BS 3468 Gr 2 / BS 2789 500.1
<input type="checkbox"/> Impeller	BS 84 C83 600
<input type="checkbox"/> Impeller (optional)	A48 Class 35 / BS 84 C83 600
<input type="checkbox"/> Stationary Wear 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



Single Stage Pump



Dimensions – Inches (mm)

* CONSULT FACTORY FOR MOTOR AND DIMENSIONS

Flange Dimensions – Suction Side

Dimensions – Inches (mm)

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 $\varnothing D$, and an inner diameter of $\varnothing d$. The top view shows a circular flange with an outer diameter of $\varnothing D$, an inner diameter of $\varnothing d$, and a central hole diameter of DN . The flange has n holes, each with a diameter of $\varnothing D_2$, arranged in a circle. The drawing is labeled with dimensions and symbols: $\varnothing D$, $\varnothing d$, DN , b , and $n \times \varnothing D_2$.

Flange Dimensions – Discharge Side

Dimensions – Inches (mm)

DND 125#	ØD	Ød	Øk	b	n	D2
12	19 (483)	15.00 (381)	17.00 (432)	1.25 (32)	12	1.00 (25)