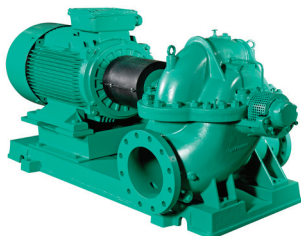


Submittal Data Sheet

Wilo SCP – Horizontal Split Case Pumps



SCP 4 x 3 x 7½ HA



Project:

Engineer:

Contractor:

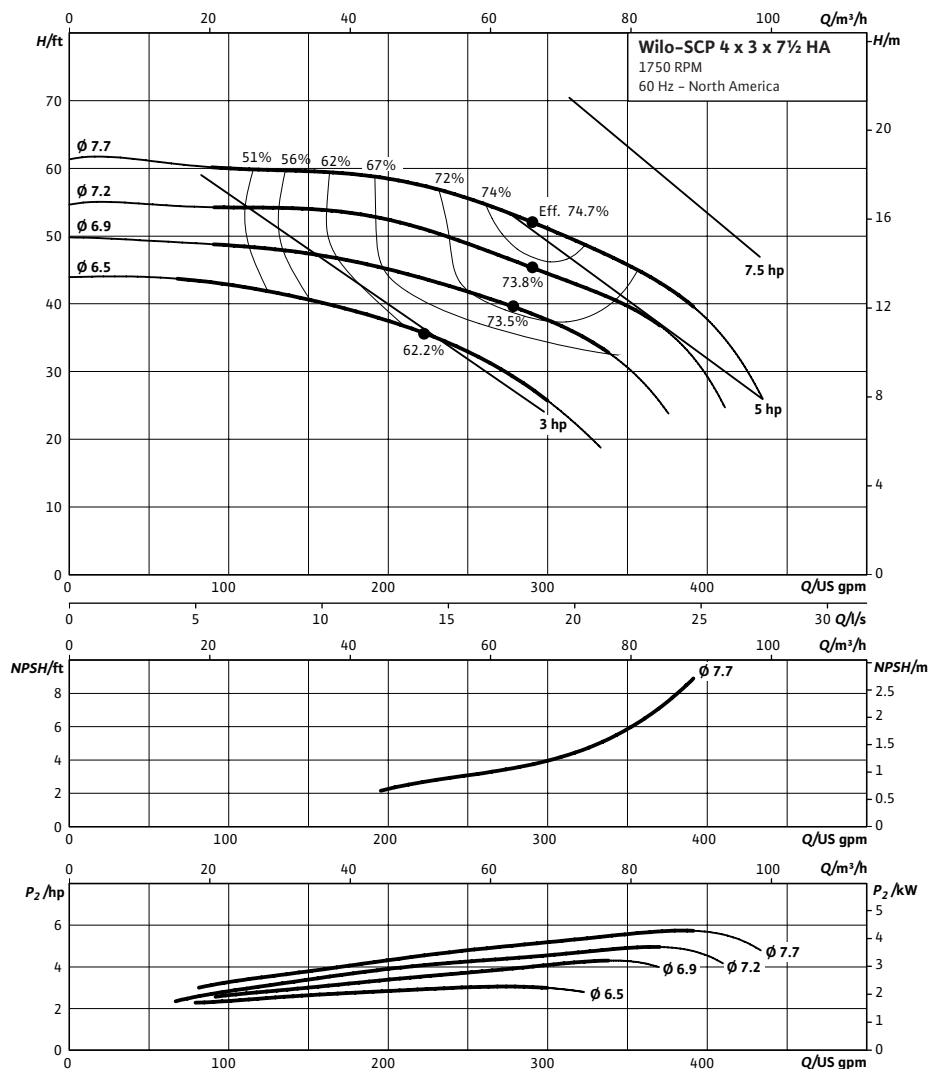
Submitted By:

Date:

Approved By:

Date:

Tag #	Model #	Flow (USGPM)	Head (Feet)	HP	Enclosure TEFC/ODP	Frame	Cycle	Phase	Voltage	RPM
	SCP 4 x 3 x 7½ 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

American Standard

<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



Dimensions – Inches (mm)

Flange Dimensions – Suction Side

Dimensions – Inches (mm)

Flange Dimensions – Discharge Side

Dimensions – Inches (mm)

Technical drawing of a flange. The left view is a side elevation showing a cylindrical part with a flange of thickness b . The outer diameter is ϕD and the inner diameter is ϕd . The right view is a front view of the flange, showing an outer diameter ϕD , an inner diameter ϕd , and a central bore diameter DN . The flange has a circular face with n holes, each with a diameter of $\phi D/2$. The holes are arranged in a circle with a pitch diameter DN . The drawing includes dashed lines to indicate hidden internal features.