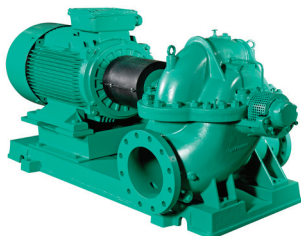


# Submittal Data Sheet

## Wilo SCP – Horizontal Split Case Pumps



### SCP 14 x 12 x 13 HA



Project:

Engineer:

Contractor:

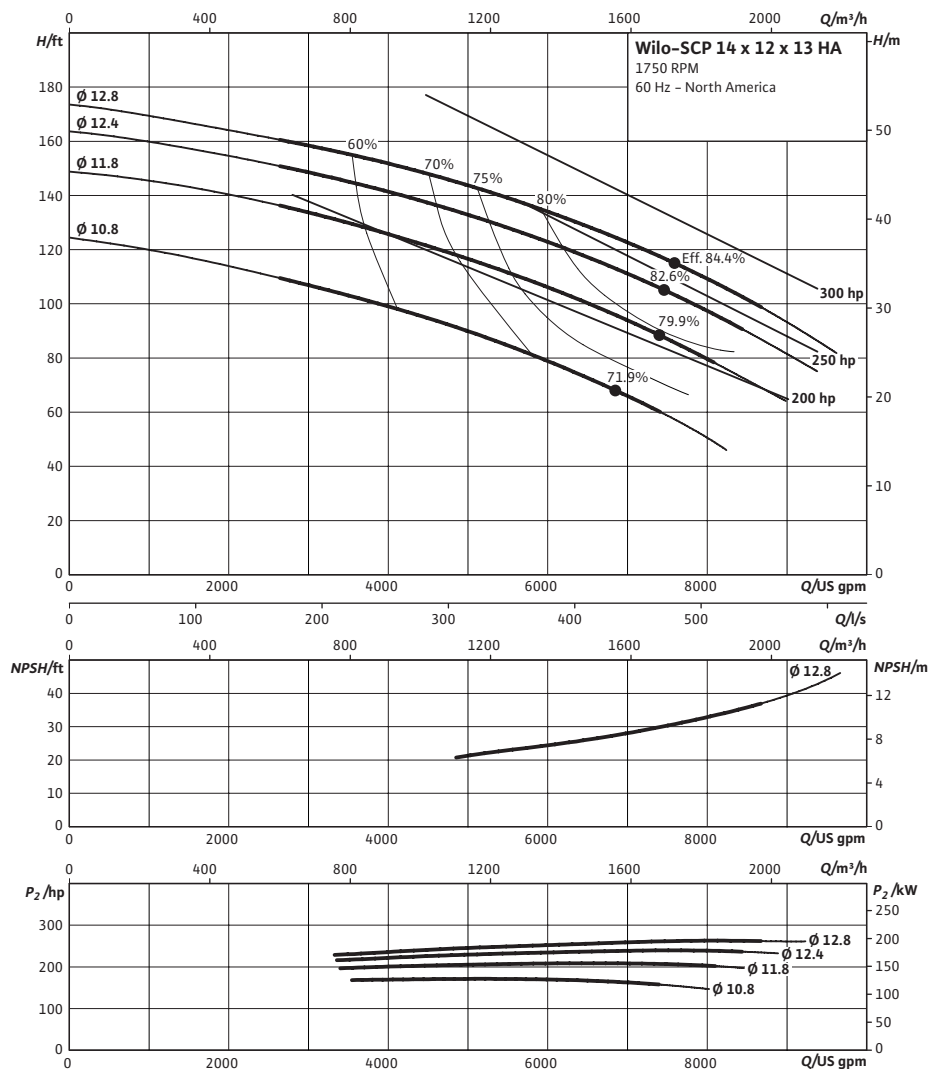
Submitted By:

Date:

Approved By:

Date:

Tag #	Model #	Flow (USGPM)	Head (Feet)	HP	Enclosure TEFC/ODP	Frame	Cycle	Phase	Voltage	RPM
	SCP 14 x 12 x 13 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

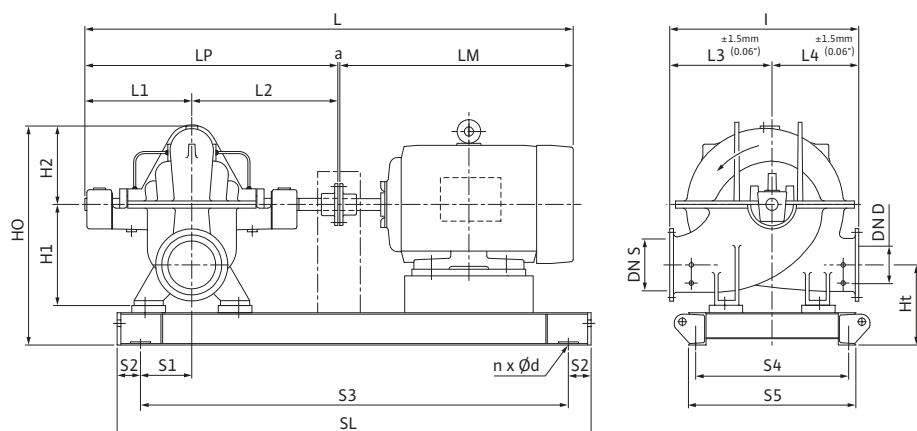
##### American Standard

<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

## Dimensional Drawing

## Single Stage Pump

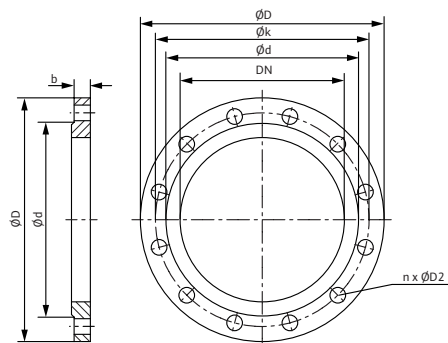


## SCP 14 x 12 x 13 HA

Dimensions - Inches (mm)																							
Frame	a	L	I	L1	L2	L3	L4	LM	LP	H1	H2	HO	Ht	n	Ød	S1	S2	S3	S4	S5	SL	P5	P6
445T	.50 (13)	88.75 (2254)	37.63 (956)	19.88 (505)	24.13 (613)	22.25 (565)	15.38 (391)	44.25 (1124)	44.00 (1118)	21.50 (546)	15.38 (391)	42.63 (1083)	14.81 (376)	6	1.08 (28)	8.19 (208)	4.00 (102)	65.00 (1646)	22.65 (575)	24.15 (613)	73.00 (1849)	-	-
	.50 (13)	97.63 (2480)	37.63 (956)	19.88 (505)	24.13 (613)	22.25 (565)	15.38 (391)	53.38 (1356)	44.00 (1118)	21.50 (546)	15.38 (391)	42.63 (1083)	14.81 (376)		1.08 (28)	8.19 (208)	4.00 (102)	73.75 (1873)	23.88 (607)	26.19 (665)	81.75 (2076)	-	-
449T	.50 (13)	97.63 (2480)	37.63 (956)	19.88 (505)	24.13 (613)	22.25 (565)	15.38 (391)	53.38 (1356)	44.00 (1118)	21.50 (546)	15.38 (391)	42.63 (1083)	14.81 (376)	6	1.08 (28)	8.19 (208)	4.00 (102)	73.75 (1873)	23.88 (607)	26.19 (665)	81.75 (2076)	-	-
	.50 (13)	97.63 (2480)	37.63 (956)	19.88 (505)	24.13 (613)	22.25 (565)	15.38 (391)	53.38 (1356)	44.00 (1118)	21.50 (546)	15.38 (391)	42.63 (1083)	14.81 (376)		1.08 (28)	8.19 (208)	4.00 (102)	73.75 (1873)	23.88 (607)	26.19 (665)	81.75 (2076)	-	-

### Flange Dimensions – Suction Side

Dimensions - Inches (mm)						
DN S #125	ØD	Ød	Øk	b	n	D2
14	21.00 (533)	16.25 (413)	18.75 (476)	1.38 (35)	12	1.13 (29)



### Flange Dimensions – Discharge Side

Dimensions - Inches (mm)						
D N D 125#	ØD	Ød	Øk	b	n	D2
12	19 (483)	15.00 (381)	17.00 (432)	1.25 (32)	12	1.00 (25)