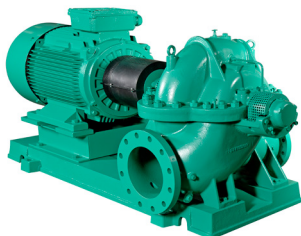


Submittal Data Sheet Wilo SCP – Horizontal Split Case Pumps



SCP 18 x 14 x 19½ HA



Project:

Engineer:

Contractor:

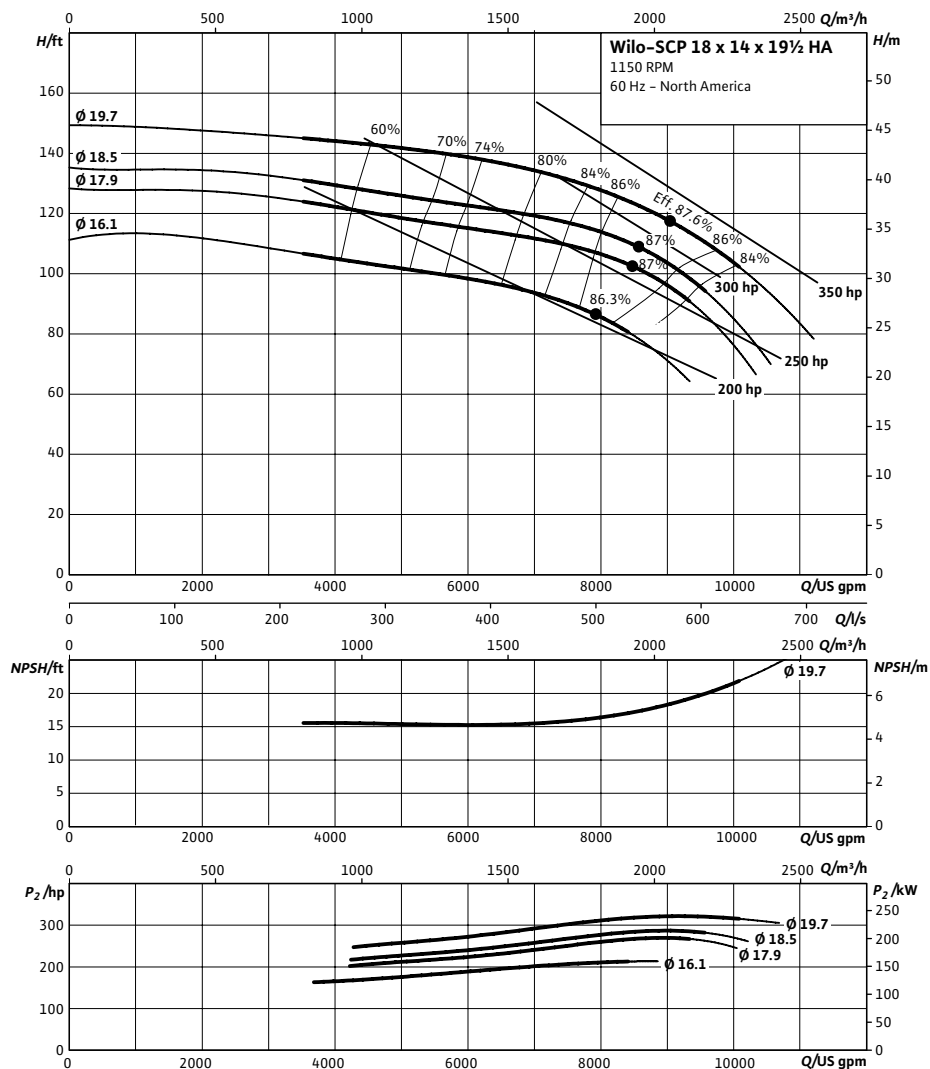
Submitted By:

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)

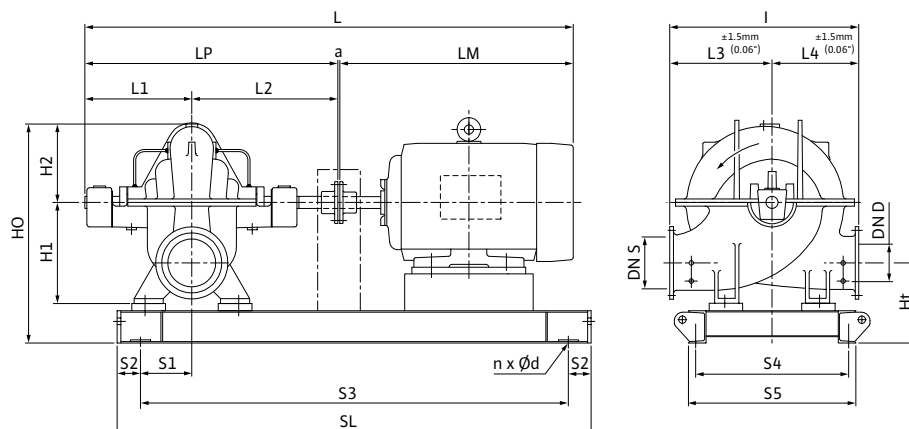
Materials of Construction

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

Approval Stamp

Dimensional Drawing

Single Stage Pump



SCP 18 x 14 x 19½ 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)	107.06 (2719)	51.88 (1318)	24.56 (624)	28.56 (725)	30.25 (768)	21.63 (549)	53.38 (1356)	53.13 (1350)	27.00 (686)	20.50 (521)	54.44 (1383)	16.00 (406)	4	.91 (23)	13.94 (354)	4.00 (102)	87.94 (2234)	31.13 (791)	33.88 (861)	95.94 (2437)	-	-

Additional Motors Available – CONSULT FACTORY

Flange Dimensions – Suction Side

Dimensions – Inches (mm)

DN S #125	øD	ød	øk	b	n	D2
18	25.00 (635)	21.00 (533)	23.75 (578)	1.56 (40)	16	1.25 (32)

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)

