

Submittal Data Sheet

Wilo SCP – Horizontal Split Case Pumps



SCP 16 x 12 x 15½ HA



Project:

Engineer:

Contractor:

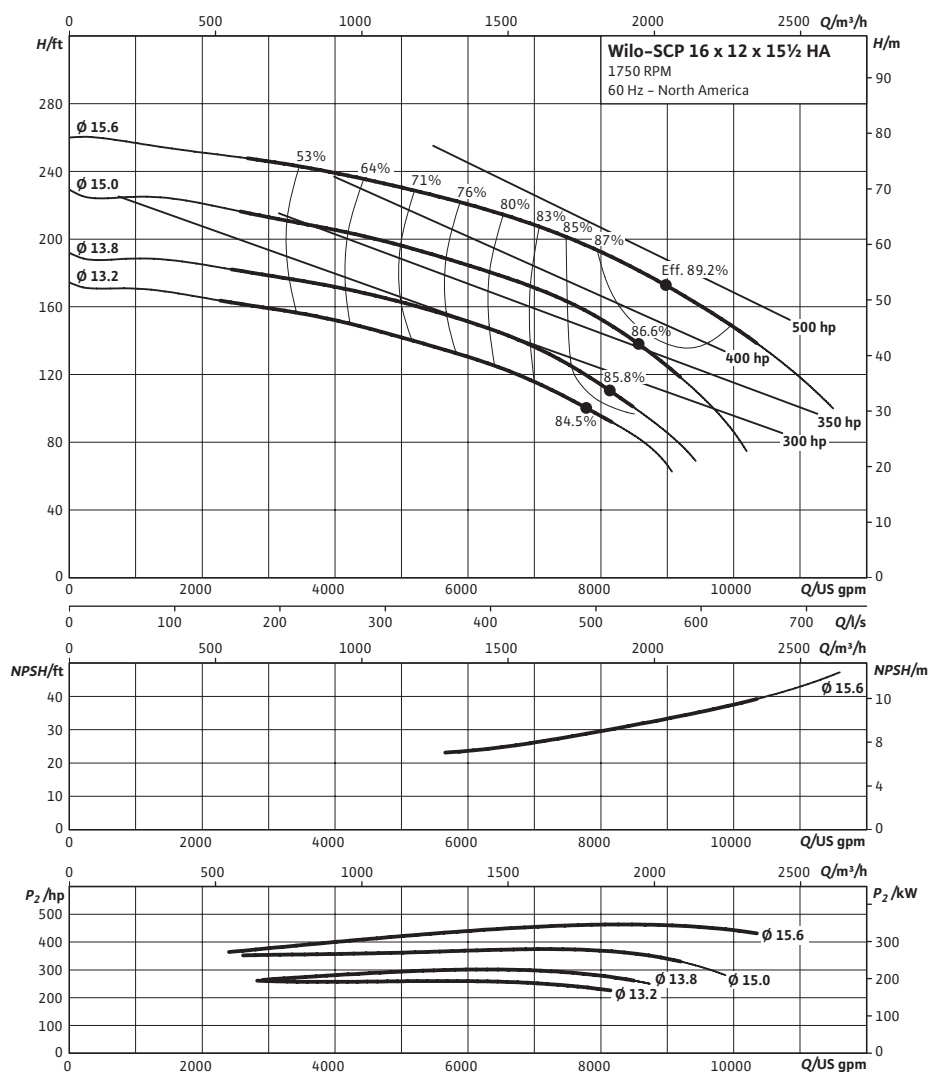
Submitted By:

Date:

Approved By:

Date:

Tag #	Model #	Flow (USGPM)	Head (Feet)	HP	Enclosure TEFC/ODP	Frame	Cycle	Phase	Voltage	RPM
	SCP 16 x 12 x 15½ 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

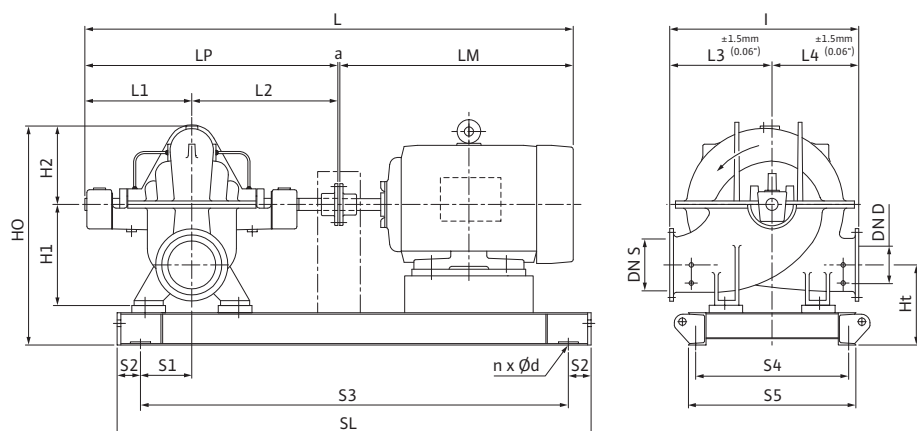
Submittal Data Sheet

Wilo SCP – Horizontal Split Case Pumps



Dimensional Drawing

Single Stage Pump



SCP 16 x 12 x 15½ 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
449T / 300 hp	.19 (5)	101.75 (2584)	35.44 (900)	21.88 (556)	26.25 (667)	21.63 (549)	13.75 (349)	53.38 (1356)	48.19 (1224)	24.00 (610)	15.38 (391)	45.31 (1151)	16.19 (411)	4	.91 (23)	9.19 (233)	4.00 (102)	68.69 (1745)	21.56 (548)	23.88 (607)	76.69 (1948)	-	-
449T / 350 hp	.19 (5)	101.75 (2584)	35.44 (900)	21.88 (556)	26.25 (667)	21.63 (549)	13.75 (349)	53.38 (1356)	48.19 (1224)	24.00 (610)	15.38 (391)	45.31 (1151)	16.19 (411)	4	.91 (23)	10.75 (273)	4.00 (102)	76.94 (1954)	21.56 (548)	23.88 (607)	84.94 (2157)	-	-
449T / 400 hp	.19 (5)	101.75 (2584)	35.44 (900)	21.88 (556)	26.25 (667)	21.63 (549)	13.75 (349)	53.38 (1356)	48.19 (1224)	24.00 (610)	15.38 (391)	45.31 (1151)	16.19 (411)	4	.91 (23)	10.75 (273)	4.00 (102)	76.94 (1954)	21.56 (548)	23.88 (607)	84.94 (2157)	-	-

Flange Dimensions – Suction Side

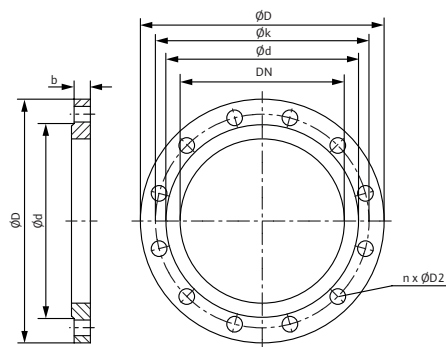
Dimensions – Inches (mm)

DN S #125	øD	ød	øk	b	n	D2
16	23.50 (597)	18.50 (570)	21.25 (540)	1.38 (37)	16	1.13 (29)

Flange Dimensions – Discharge Side

Dimensions – Inches (mm)

DN D 125#	øD	ød	øk	b	n	D2
12	19 (483)	15.00 (381)	17.00 (432)	1.25 (32)	12	1.00 (25)



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