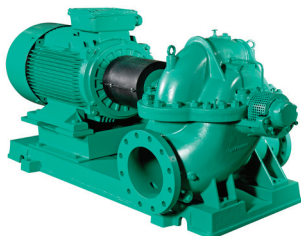


Submittal Data Sheet

Wilo SCP – Horizontal Split Case Pumps



SCP 10 x 8 x 12½ HA



Project:

Engineer:

Contractor:

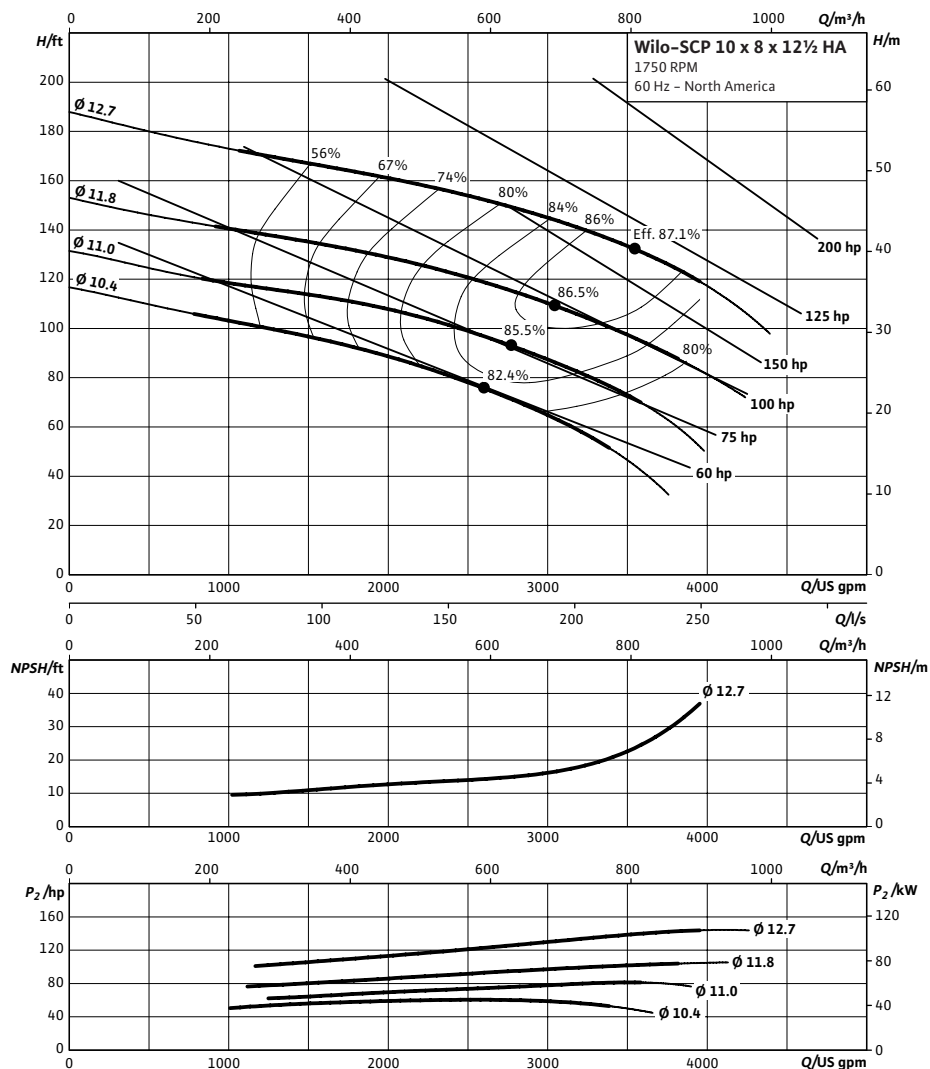
Submitted By:

Date:

Approved By:

Date:

Tag #	Model #	Flow (USGPM)	Head (Feet)	HP	Enclosure TEFC/ODP	Frame	Cycle	Phase	Voltage	RPM
	SCP 10 x 8 x 12½ 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

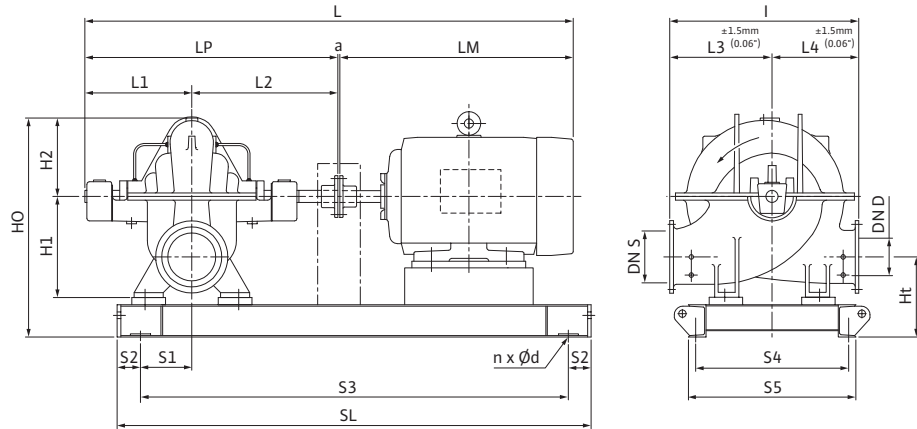
Submittal Data Sheet

Wilo SCP – Horizontal Split Case Pumps



Dimensional Drawing

Single Stage Pump



SCP 10 x 8 x 1 1/2 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
364T	.50 (13)	68.38 (1737)	29.50 (749)	16.19 (411)	18.69 (475)	17.00 (432)	12.50 (318)	33.00 (838)	34.81 (884)	16.75 (425)	11.44 (291)	33.94 (862)	12.75 (324)	6	1.00 (25)	6.25 (159)	4.00 (102)	48.00 (1219)	17.22 (437)	18.72 (475)	56.00 (1422)	-	-
365T	.50 (13)	68.38 (1737)	29.50 (749)	16.19 (411)	18.69 (475)	17.00 (432)	12.50 (318)	33.00 (838)	34.81 (884)	16.75 (425)	11.44 (291)	33.94 (862)	12.75 (324)	6	1.00 (25)	6.25 (159)	4.00 (102)	48.00 (1219)	17.22 (437)	18.72 (475)	56.00 (1422)	-	-
404T	.50 (13)	72.56 (1843)	29.50 (749)	16.19 (411)	18.69 (475)	17.00 (432)	12.50 (318)	37.25 (946)	34.81 (884)	16.75 (425)	11.44 (291)	33.94 (862)	12.75 (324)	6	1.00 (25)	6.25 (159)	4.00 (102)	57.00 (1448)	22.40 (569)	23.89 (607)	65.00 (1651)	-	-
405T	.50 (13)	79.56 (2021)	29.50 (749)	16.19 (411)	18.69 (475)	17.00 (432)	12.50 (318)	44.25 (1124)	34.81 (884)	16.75 (425)	11.44 (291)	33.94 (862)	12.75 (324)	6	1.00 (25)	6.25 (159)	4.00 (102)	57.00 (1448)	22.40 (569)	23.89 (607)	65.00 (1651)	-	-
444T	.50 (13)	79.56 (2021)	29.50 (749)	16.19 (411)	18.69 (475)	17.00 (432)	12.50 (318)	44.25 (1124)	34.81 (884)	16.75 (425)	11.44 (291)	33.94 (862)	12.75 (324)	6	1.00 (25)	6.25 (159)	4.00 (102)	57.00 (1448)	22.40 (569)	23.89 (607)	65.00 (1651)	-	-
445T	.50 (13)	79.56 (2021)	29.50 (749)	16.19 (411)	18.69 (475)	17.00 (432)	12.50 (318)	44.25 (1124)	34.81 (884)	16.75 (425)	11.44 (291)	33.94 (862)	12.75 (324)	6	1.00 (25)	6.25 (159)	4.00 (102)	57.00 (1448)	22.40 (569)	23.89 (607)	65.00 (1651)	-	-

Flange Dimensions – Suction Side

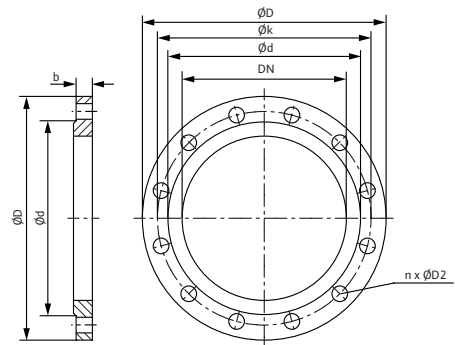
Dimensions - Inches (mm)

DN S #125	ØD	Ød	Øk	b	n	D2
10	16.00 (406)	12.75 (324)	14.25 (362)	1.19 (30)	12	1.00 (25)

Flange Dimensions – Discharge Side

Dimensions - Inches (mm)

DN D 125#	ØD	Ød	Øk	b	n	D2
8	13.50 (343)	10.63 (270)	11.75 (298)	1.13 (29)	8	.88 (22)



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