

Submittal Data Sheet

Wilco Top S - Commercial Wet Rotor Circulators

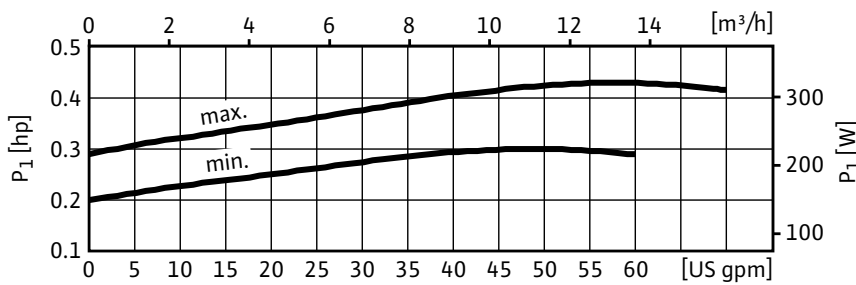
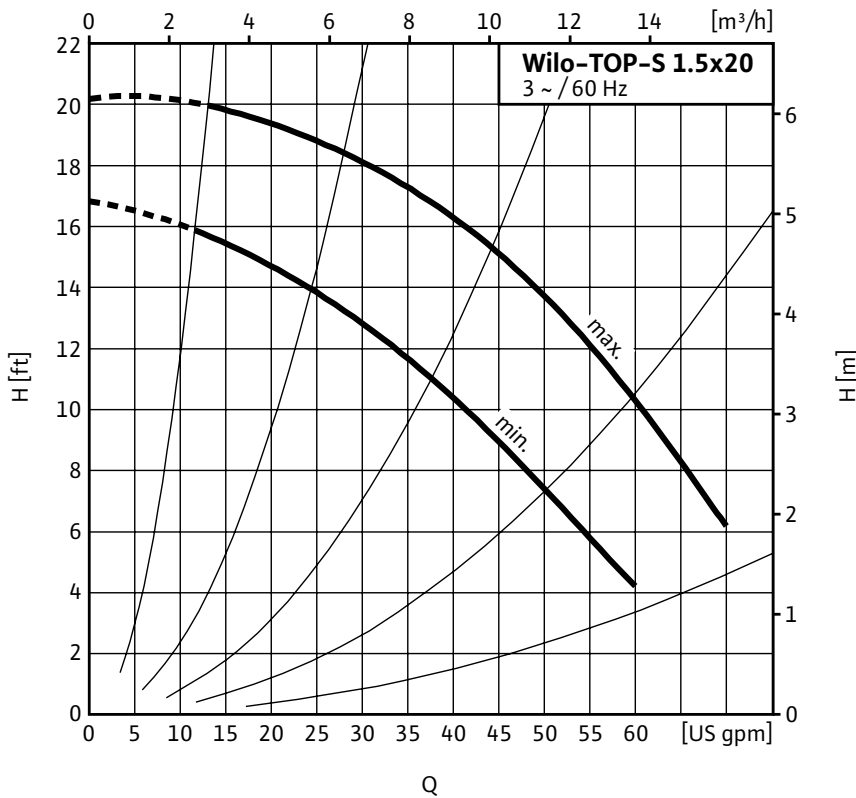


Top S - Three Phase



Project:	
Engineer:	
Contractor:	
Submitted By:	Date:
Approved By:	Date:

Tag #	Model #	Speed	Flow	Head	HP	Phase	Voltage
	Top S 1.5 x 20					3	



Materials of Construction	
Volute	Cast Iron (Closed Systems) Cataphoresis Coated
Impeller	Engineered composite (PP - 50% GF)
Shaft	Stainless Steel (X40 Cr13) / AISI 420SS
Bearing	Metal Impregnated Carbon
Degree of Protection	Enclosure
Protection Class	H

Technical Data	
Max. Temp. Range	14°F - 248°F (-10°C to 120°C)
Ambient Temp. Range	32°F - 104°F (0°C - 40°C)
Electrical Connections	3-208-230v
Max. Working Pressure	145 PSI (10 Bar)
Min. Inlet Pressure 140 °F (60 °C)	1.8 PSI (0.1 Bar)
Min. Inlet Pressure 194 °F (90 °C)	7.3 PSI (0.5 Bar)
Min. Inlet Pressure 248 °F (120 °C)	29.9 PSI (2 Bar)

Applications	
• Heating Systems	• Cold water and air-conditioning systems
• Geothermal Systems	• Water/Glycol up to 50%
• Solar Systems	• Industrial Circulation Systems

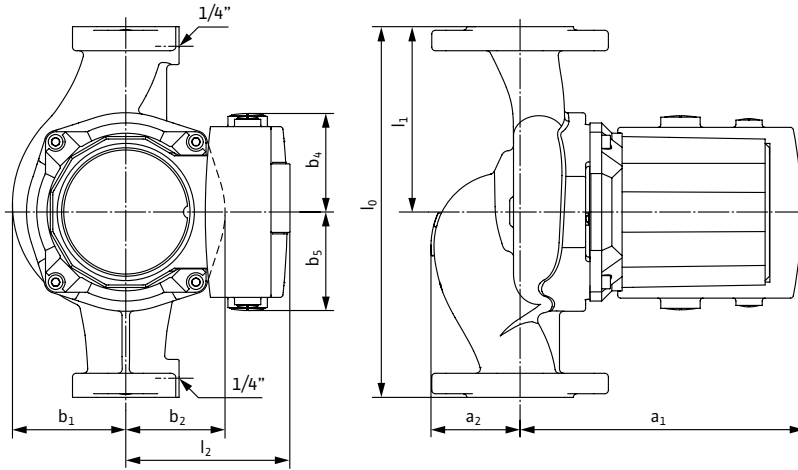
Approval Stamp

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Dimensions & Weights

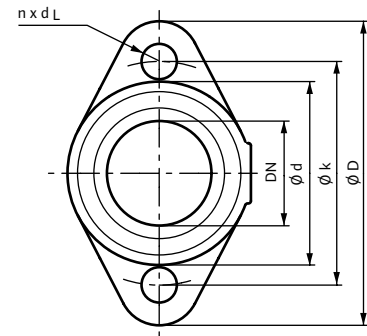


Dimensions and Weights

Model	Dimensions - Inches (mm)									Weight - lbs (kg)
	l_0	l_1	l_2	a_1	a_2	b_1	b_2	b_4	b_5	
Top S 1.5 x 20	10	5	$4\frac{7}{16}$	$7\frac{11}{16}$	$2\frac{3}{8}$	$3\frac{1}{16}$	$2\frac{11}{16}$	$2\frac{3}{4}$	$2\frac{3}{4}$	20.3
	(254)	(127)	(113)	(195)	(61)	(78)	(68)	(70)	(70)	(9.2)

Flange Dimensions

Dia. (DN)	Dimensions - Inches (mm)				
	ϕD	ϕd_1	ϕd_2	ϕk	$n \times d_L$
1½"	$4\frac{3}{4}$	$1\frac{5}{8}$	$2\frac{7}{8}$	$3\frac{1}{2}$	$2 \times \phi \frac{1}{2}$
	(121)	(41)	(73)	(89)	(2 x ϕ 14)



Motor Data

Model	hp	Speed RPM	Watts W	FLA		
				3~208-230V	3~460V	3~575V
Top S 1.5 x 20	$\frac{1}{4}$	2840-3340	225-325	0.7-1.3	-	-