

Submittal Data Sheet

Wilo Top S – Commercial Wet Rotor Circulators

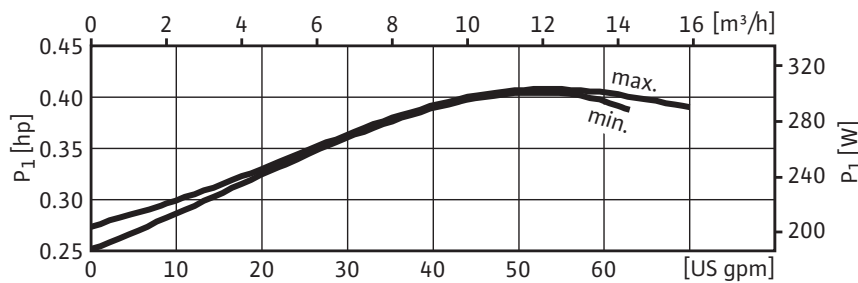
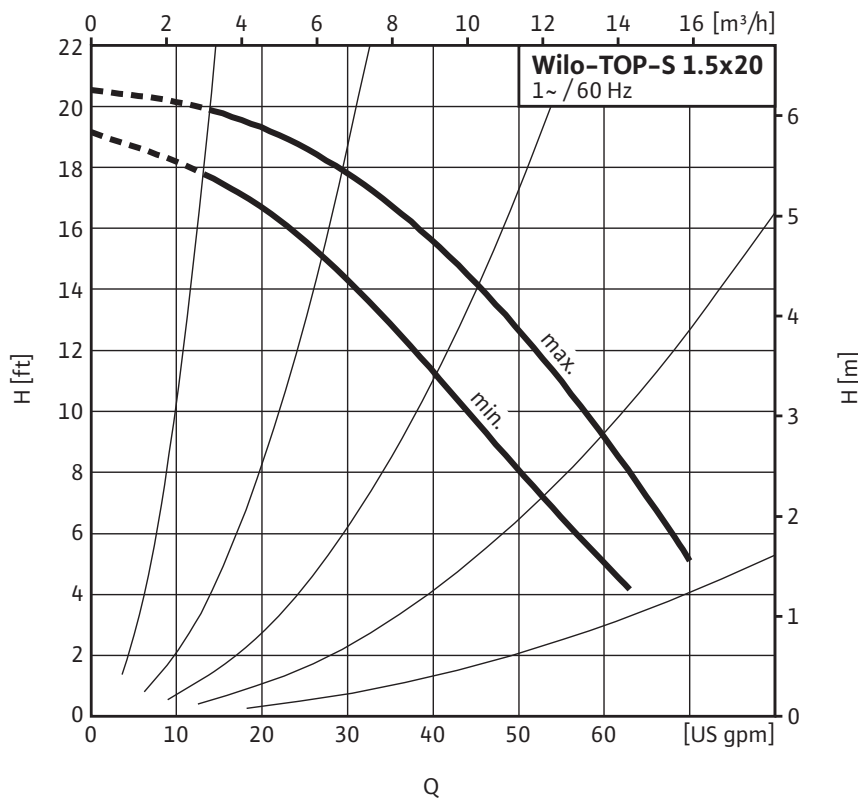


Top S – Single Phase



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

Tag #	Model #	Speed	Flow	Head	HP	Phase	Voltage
	Top S 1.5 x 20					1	



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	1~115, 1~230v
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

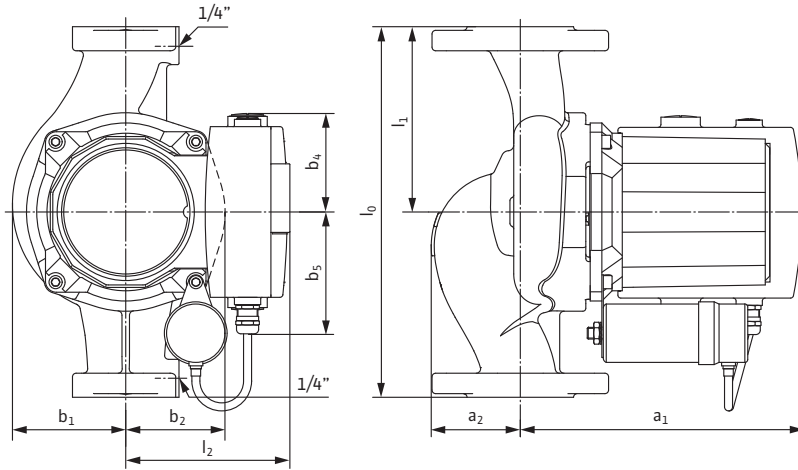
Approval Stamp

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Dimensions & Weights

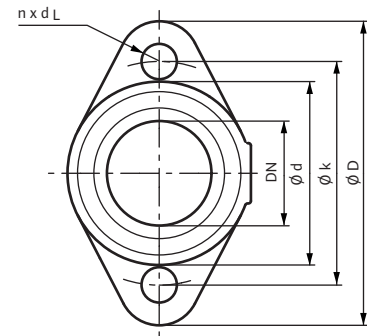


Dimensions and Weights

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 ^{7/16}	7 ^{11/16}	2 ^{3/8}	3 ^{1/16}	2 ^{11/16}	2 ^{3/4}	3 ^{5/16}	20.5
	(254)	(127)	(113)	(195)	(61)	(78)	(68)	(70)	(83.5)	(9.3)

Flange Dimensions

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



Motor Data

Model	hp	Speed	Watts	FLA	FLA
		RPM	W	1~115V	1~230V
Top S 1.5 x 20	1/4	3000-3250	300-305	2.9-3.1	1.5-1.6

WILO USA LLC

Tel: (888) 945-6872 Web: www.wilo-usa.com
 Fax: (888) 945-6873 Email: info@wilo-usa.com

WILO Canada Inc.

Tel: (866) 945-6236 Web: www.wilo-canada.com
 Fax: (403) 277-9456 Email: info@wilo-canada.com

WILO Mexico

Tel: +52 55 5586 3209 Web: www.wilo-mexico.com.mx
 Fax: +52 1 55 5413 4165 Email: info@wilo.com.mx