

Submittal Data Sheet

Wilo ECO RFC - Residential High Efficiency Circulator

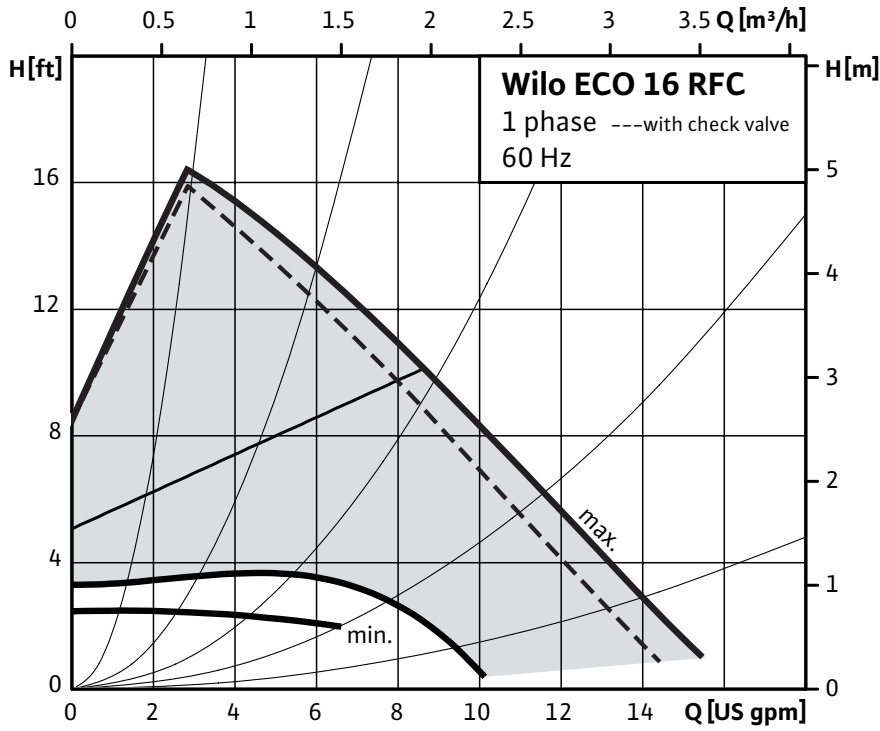


ECO 16 RFC



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

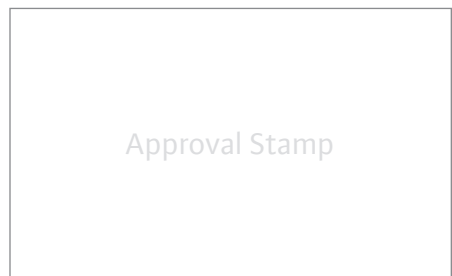
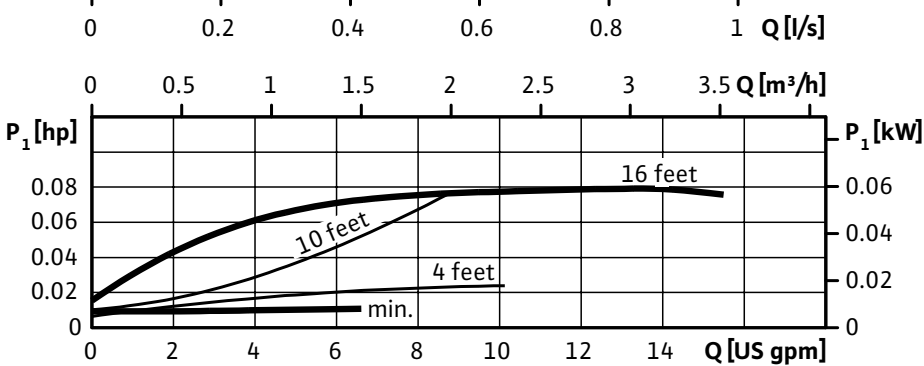
Tag #	Model #	Check Valve	Flow	Head	Phase	Voltage	Cycle
	ECO 16 RFC				1	115	60Hz



Materials of Construction	
Pump Housing	Cast iron (EN-GJL 200)
Rotating flange	Cast iron (FGS 250)
Impeller	Reinforced plastics PPS (polypropylene)
Shaft	Stainless steel (X30 Cr13 or X46 Cr13)
Bearing	Carbon, metal impregnated
Check valve	Glass filled Noryl + EPDM rubber

Technical Data	
Fluid Temp Range	60°F to 230°F (15°C to 110 °C)
Ambient Temp Range	14°F to 104°F (-10°C to 40 °C)
Electrical Connections	1-115
Max Working Pressure	145 PSI
Min. Inlet Pressure (122°F)	1.0 PSI
Min. Inlet Pressure (203°F)	4.3 PSI
Min. Inlet Pressure (230°F)	14.0 PSI

Applications	
• Heating Systems	• HVAC Applications
• Residential Heating	• Water/Glycol up to 50%
• Solar Systems	• Geothermal Systems

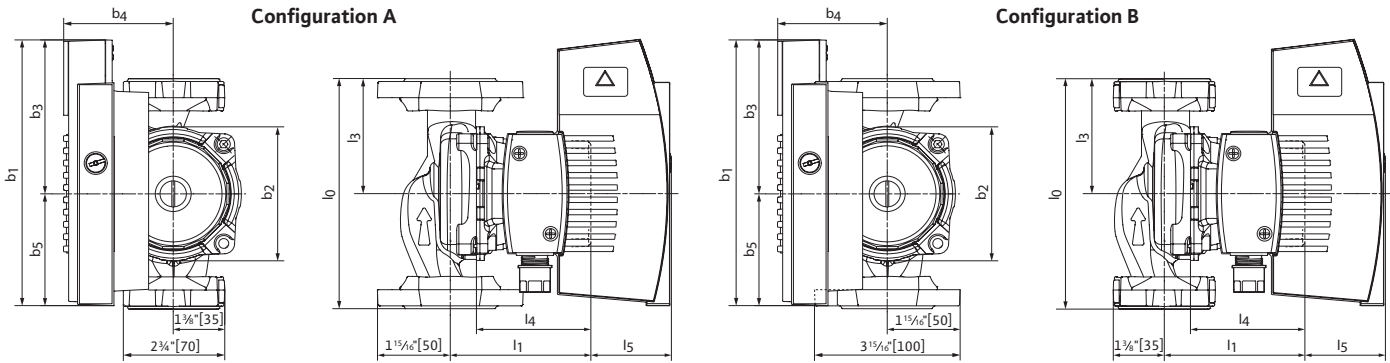


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Dimensions & Weights

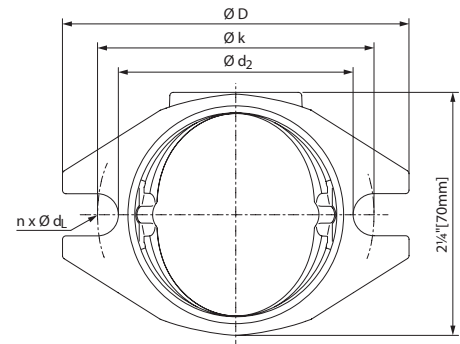


Dimensions and Weights

Model	Dimensions - Inches (mm)										Weight - lbs (kg)
	l_0	b_1	b_2	b_3	b_4	b_5	l_1	l_3	l_4	l_5	
ECO 16 RFC	6 1/2	7 5/16	3 15/16	4 1/4	2 15/16	3 1/16	3 15/16	3 3/16	3 1/16	2 3/16	7.72
	(162)	(185.5)	(93.5)	(107.5)	(75)	(78)	(100)	(81)	(78)	(55)	(3.50)

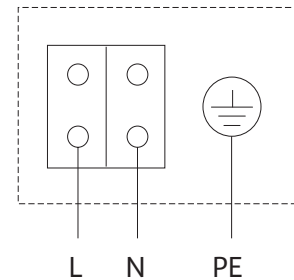
Flange Dimensions

Pipe Dia.	Dimensions - Inches (mm)			
	$\varnothing D$	$\varnothing d$	$\varnothing k$	$n \times d_L$
3/4" - 1 1/2"	3 15/16 (100)	2 11/16 (68)	3 1/8 (80)	2 x $\varnothing 1/2$ (2 x $\varnothing 12$)



Motor Data

Model	hp	RPM	Speed	Watts	FLA
ECO 16 RFC	1/25	1500-3400		5.8-59.0	0.10-0.90



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