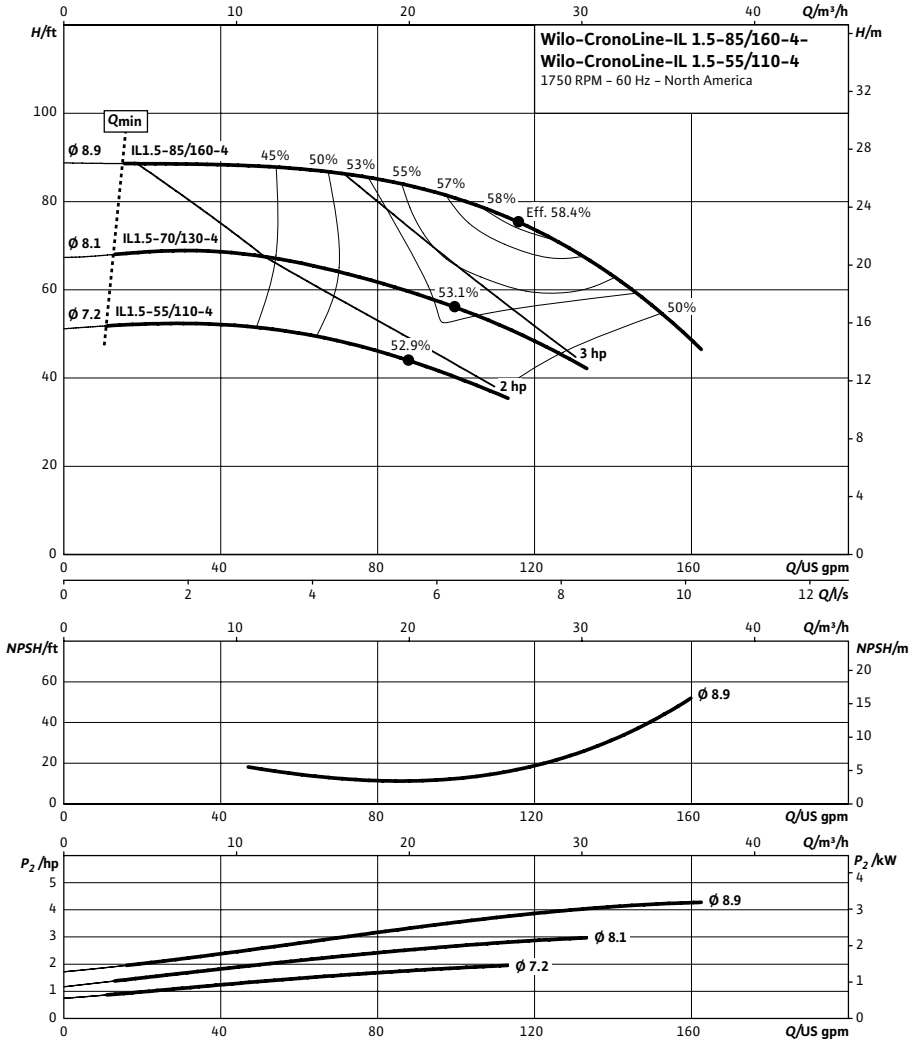
Submittal Data Sheet
In-line Centrifugal Pumps

Wilo-IL 1.5-55 - 1.5-85 (4 Pole)

	Project:							
	Engineer:							
	Contractor:							
	Submitted By:				Date:			
	Approved By:				Date:			
Tag #	**Model #**	**Flow**	**Head**	**HP**	**Cycle**	**Phase**	**Voltage**	**RPM**
					60Hz			1750



Product Info

Brand	Wilo
Product Description	IL 1.5-55 - IL 1.5-85

Construction Materials

Pump Volute	Cast Iron EN-GJL-250
Impeller	Bronze (cast iron optional)
Shaft	316L stainless steel
Mechanical Seal	Q1Q1X4GG (silicium carbide seal faces, HNBR elastomers)

Motor Data

Power Supply	1~115/208-230 volt 3~208-230/460, 575 volt
Integrated full motor protection	integrated protection PTC/PTO on request (on-site trip unit required)
Protection Class	TEF (ODP on request)
Insulation Class	F

Hydraulic Data

Flange Connection	1 1/2" 125# ANSI compatible with ¼" pressure gauge tappings
Max Operating Pressure	175 PSI (12 bar)
Min. Fluid Temp	-5°F (-20 °C)
Max Fluid Temp	285°F (140 °C)
Max. Ambient Temp	104°F (40 °C)

Application

- Hot water heating systems
- Air conditioning systems
- Closed cooling circuits
- Industrial circulation systems
- Solar Systems
- Geothermal Systems

Approval Stamp

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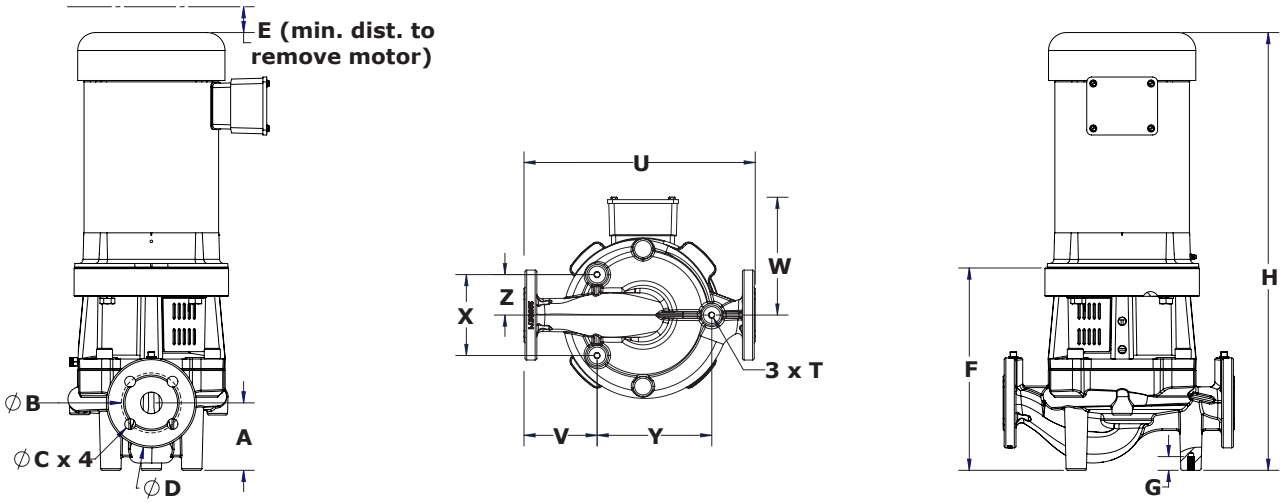
Dimensions & Weights



Dimensions and Weights

		Voltage		P2	Phase	Dimensions (in)													Weight
Model	**PEI**	**[V]**	**Motor**	**[HP]**	**[~]**	**Dia**	**A**	**E**	**F**	**G**	**H**	**T**	**U**	**V**	**W**	**X**	**Y**	**Z**	**lbs**
IL 1.5 55/110-4	0.92	115/230	TEFC	2	1	1.50	4.33	2.38	11.38	0.79	25.19	3/8"-16	17	5.94	5.88	7.09	8.46	3.54	142
		115/230	ODP	2	1	1.50	4.33	2.37	11.38	0.79	23.41	3/8"-16	17	5.94	5.56	7.09	8.46	3.54	140
	0.95	208/230-460	TEFC	2	3	1.50	4.33	2.37	11.38	0.79	22.54	3/8"-16	17	5.94	5.74	7.09	8.46	3.54	138
		208/230-460	ODP	2	3	1.50	4.33	2.37	11.38	0.79	22.5	3/8"-16	17	5.94	5.62	7.09	8.46	3.54	134
		575	TEFC	2	3	1.50	4.33	2.37	11.38	0.79	22.54	3/8"-16	17	5.94	5.74	7.09	8.46	3.54	137
		575	ODP	2	3	1.50	4.33	2.37	11.38	0.79	21.58	3/8"-16	17	5.94	5.89	7.09	8.46	3.54	131
IL 1.5 70/130-4		115	TEFC	3	1	1.50	4.33	2.87	12.57	0.79	26.3	3/8"-16	17	5.94	6.87	7.09	8.46	3.54	177
		115	ODP	3	1	1.50	4.33	2.87	12.57	0.79	26.3	3/8"-16	17	5.94	6.75	7.09	8.46	3.54	176
	0.95	208/230-460	TEFC	3	3	1.50	4.33	2.87	12.57	0.79	26.32	3/8"-16	17	5.94	6.87	7.09	8.46	3.54	171
		208/230-460	ODP	3	3	1.50	4.33	2.87	12.57	0.79	26.32	3/8"-16	17	5.94	6.75	7.09	8.46	3.54	172
		575	TEFC	3	3	1.50	4.33	2.87	12.57	0.79	26.32	3/8"-16	17	5.94	6.87	7.09	8.46	3.54	169
		575	ODP	3	2	1.50	4.33	2.87	12.57	0.79	24.9	3/8"-16	17	5.94	6.7	7.09	8.46	3.54	174
IL 1.5 85/160-4	0.95	208/230-460	TEFC	5	3	1.50	4.33	2.9	12.57	0.79	27.82	3/8"-16	17	5.94	6.87	7.09	8.46	3.54	186
		208/230-460	ODP	5	3	1.50	4.33	2.9	12.57	0.79	26.32	3/8"-16	17	5.94	6.75	7.09	8.46	3.54	190
		575	TEFC	5	3	1.50	4.33	2.9	12.57	0.79	27.82	3/8"-16	17	5.94	6.87	7.09	8.46	3.54	186
		575	ODP	5	3	1.50	4.33	2.87	12.57	0.79	26.08	3/8"-16	17	5.94	6.7	7.09	8.46	3.54	189

Flange Dimensions

Dimensions – Inches		
ØB	**ØC x 4**	**ØD**
3.9	0.63 x 4	6.12

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