

Submittal Data Sheet

In-line Centrifugal Pumps



Wilo-IL 1.25-125 - 1.25-195 (2 Pole)



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

Tag #	Model #	Flow	Head	HP	Cycle	Phase	Voltage	RPM
					60Hz			3500

Product Info

Brand	Wilo
Product Description	IL 1.25-125 - IL 1.25-195

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

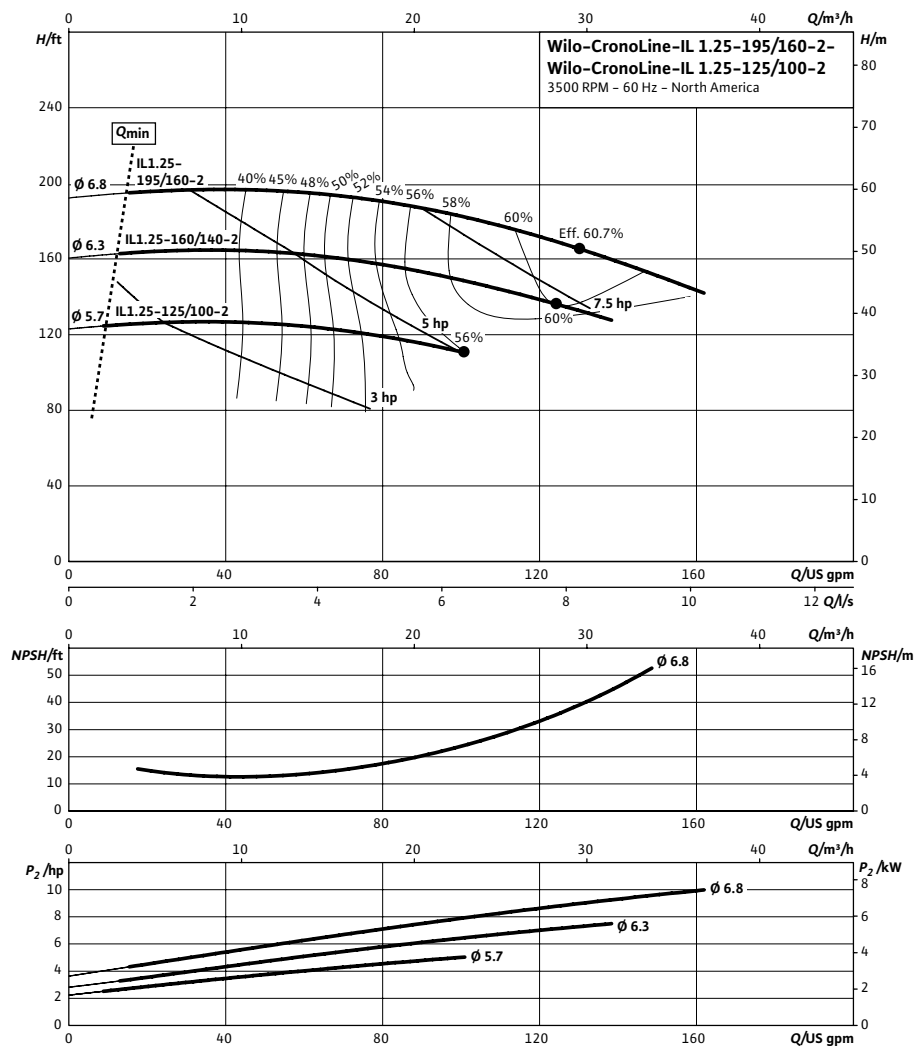
Power Supply	1~115/208-230 volt 3~208-230/460, 575 volt
Integrated full motor protection	integrated protection PTC/PTO on request (on-site trip unit required)
Protection Class	TEFC (ODP on request)
Insulation Class	F

Hydraulic Data

Flange Connection	1 1/4" 125# ANSI compatible with 1/4" pressure gauge tapings
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



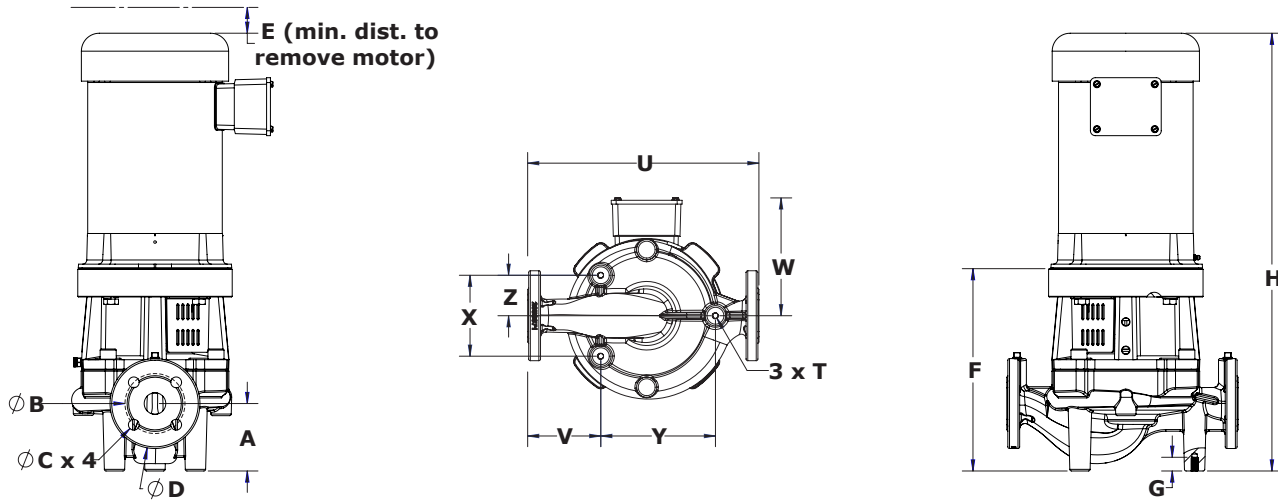
Approval Stamp

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Dimensions & Weights



Dimensions and Weights

Model	PEI	Voltage		P2	Phase	Dimensions (in)													Weight lbs
		[V]	Motor			[HP]	[~]	Dia	A	E	F	G	H	T	U	V	W	X	
IL 1.25-125/100-2	0.91	208/230-460	TEFC	5	3	1.25	3.94	2.9	11.81	0.79	25.55	3/8"-16	13.5	4.27	6.88	4.72	6.69	2.36	162
		208/230-460	ODP	5	3	1.25	3.94	2.9	11.81	0.79	25.53	3/8"-16	13.5	4.27	5.54	4.72	6.69	2.36	151
	575	TEFC	5	3	1.25	3.94	2.9	11.81	0.79	25.55	3/8"-16	13.5	4.27	6.88	4.72	6.69	2.36	161	
		ODP	5	3	1.25	3.94	2.87	11.81	0.79	23.74	3/8"-16	13.5	4.27	6.7	4.72	6.69	2.36	152	
IL 1.25-160/140-2	0.91	208/230-460	TEFC	7.5	3	1.25	3.94	3.4	11.81	0.79	27.03	3/8"-16	13.5	4.27	5.97	4.72	6.69	2.36	184
		208/230-460	ODP	7.5	3	1.25	3.94	2.9	11.81	0.79	24	3/8"-16	13.5	4.27	6.79	4.72	6.69	2.36	163
	575	TEFC	7.5	3	1.25	3.94	3.4	11.81	0.79	27.75	3/8"-16	13.5	4.27	5.97	4.72	6.69	2.36	189	
		ODP	7.5	3	1.25	3.94	2.9	11.81	0.79	24.13	3/8"-16	13.5	4.27	6.7	4.72	6.69	2.36	166	
IL 1.25-195/160-2	0.91	208/230-460	TEFC	10	3	1.25	3.94	3.3	11.81	0.79	27.15	3/8"-16	13.5	4.27	7.96	4.72	6.69	2.36	213
		208/230-460	ODP	10	3	1.25	3.94	3.4	11.81	0.79	25.56	3/8"-16	13.5	4.27	7.87	4.72	6.69	2.36	209
	575	TEFC	10	3	1.25	3.94	3.3	11.81	0.79	27.15	3/8"-16	13.5	4.27	8.05	4.72	6.69	2.36	206	
		ODP	10	3	1.25	3.94	3.4	11.81	0.79	25.47	3/8"-16	13.5	4.27	7.97	4.72	6.69	2.36	214	

Flange Dimensions

Dimensions - Inches

ϕB	$\phi C \times 4$	ϕD
3.5	0.63 x 4	5.25