

Submittal Data Sheet

Wilo Helix - Vertical Multistage Pumps

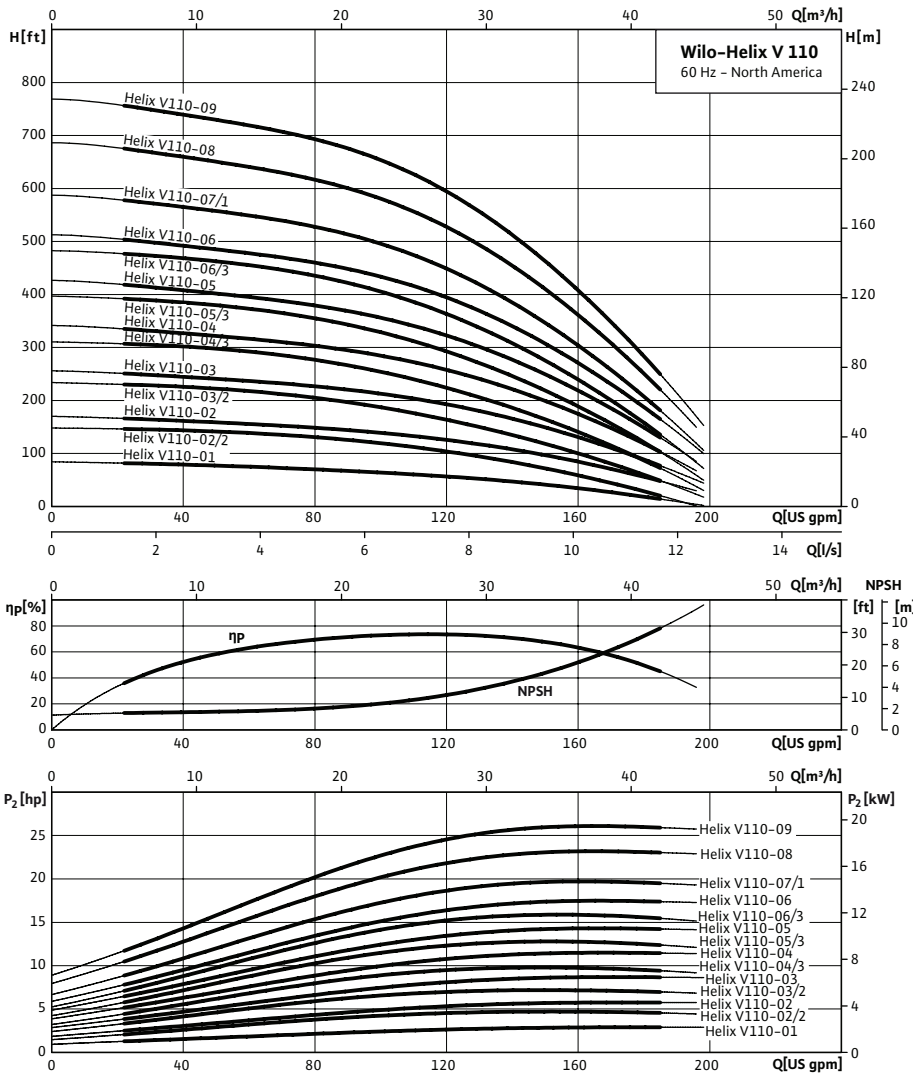


Wilo Helix V 110 (304 SS - EPDM)



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

Tag #	Model #	Flow	Head	HP	Cycle	Phase	Voltage	RPM
					60Hz	3		3450



Technical Data	
Liquid Temp Range	4°F to 248°F (-15°C to 120°C)
Power Supply	3- 230/460/575
Ambient temperature limits	Maximum 104°F - <90% humidity (motor-dependent)
Flange Connection	250# ANSI
Max suction pressure	145 PSI
Max Operating Pressure (Helix 110-01 to 110-05)	230 PSI
Max Operating Pressure (Helix 110-06 to 110-09)	360 PSI
Motor Options	TEFC Standard

Materials of Construction	
Pump volute	Cast Iron (cataphoresis coated)
Impeller	Stainless steel AISI 304 (1.4301)
Shaft	Stainless steel AISI 304 (1.4301)
Elastomers	EPDM/FKM
Mechanical seal	SiC/Carbon or Tungsten Carbide/Carbon
Pressure Shroud	Stainless steel AISI 304 (1.4301)
Bearing	Tungsten Carbide/Ceramic
Pump Base	Steel

Applications	
• Water supply & pressure boosting	• Washing and sprinkling systems
• Condensate return	• Process engineering
• Boiler feed	• Cooling-water circuits
• Geothermal	• Heating

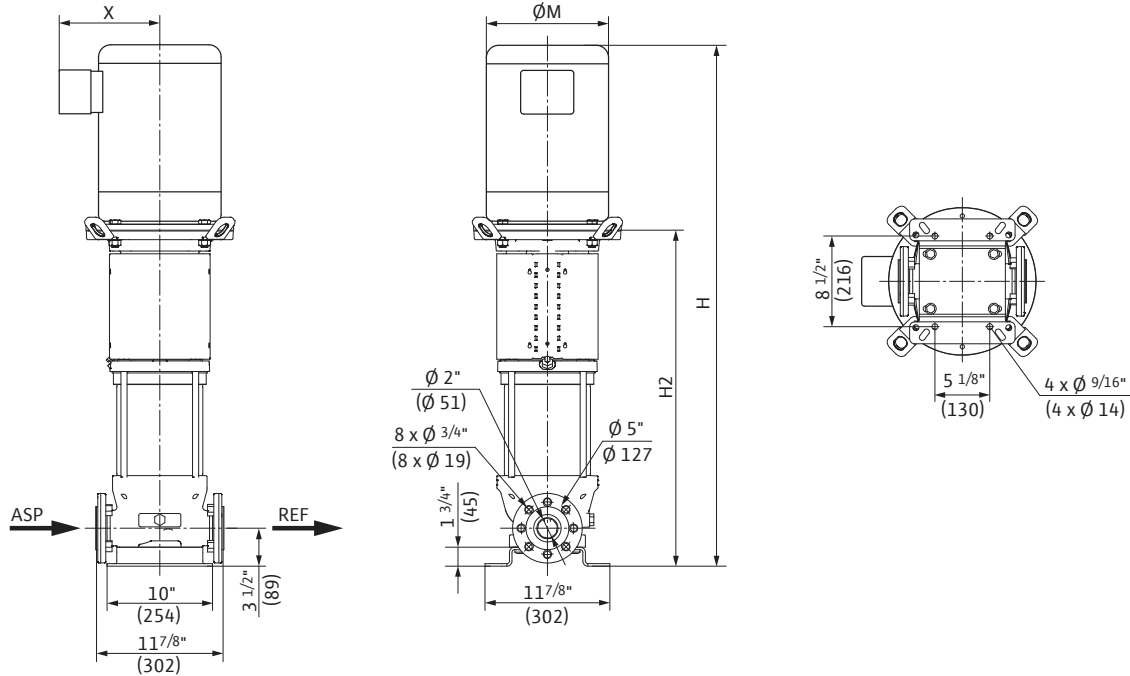
Approval Stamp

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Dimensions & Weights



Dimensions and Weights

TEFC Motor Data

Model	Dimensions—inches (mm)								Weight	
	H		H ₂		Ø g		X		lbs	kg
Helix V 110-01	35 ¹ / ₈	892	21 ⁵ / ₁₆	541	8 ⁵ / ₈	218	5 ¹ / ₈	130	166	75
Helix V 110-02/2	35 ¹ / ₂	902	21 ¹¹ / ₁₆	551	8 ⁵ / ₈	218	5 ⁷ / ₈	149	180	82
Helix V 110-02	42 ⁵ / ₁₆	1074	26 ¹ / ₄	666	11 ¹ / ₂	292	7 ³ / ₈	187	303	138
Helix V 110-03/2	44 ⁵ / ₁₆	1125	28 ¹ / ₄	717	11 ¹ / ₂	292	7 ³ / ₈	187	312	142
Helix V 110-03	44 ⁵ / ₁₆	1125	28 ¹ / ₄	717	11 ¹ / ₂	292	7 ³ / ₈	187	331	150
Helix V 110-04/3	46 ¹ / ₄	1175	30 ³ / ₁₆	767	11 ¹ / ₂	292	7 ³ / ₈	187	334	151
Helix V 110-04	51 ³ / ₈	1305	31 ⁵ / ₁₆	796	13 ¹ / ₄	337	9 ¹ / ₂	242	448	203
Helix V 110-05/3	53 ³ / ₈	1356	33 ³ / ₈	847	13 ¹ / ₄	337	9 ¹ / ₂	242	459	208
Helix V 110-05	53 ⁵ / ₁₆	1355	33 ⁵ / ₁₆	846	13 ¹ / ₄	337	9 ¹ / ₂	242	453	205
Helix V 110-06/3	55 ³ / ₈	1406	35 ⁵ / ₁₆	897	13 ¹ / ₄	337	9 ¹ / ₂	242	437	198
Helix V 110-06	55 ³ / ₈	1406	35 ⁵ / ₁₆	897	13 ¹ / ₄	337	9 ¹ / ₂	242	439	199
Helix V 110-07/1	57 ⁵ / ₁₆	1456	37 ⁵ / ₁₆	947	13 ¹ / ₄	337	9 ¹ / ₂	242	441	200
Helix V 110-08	60 ⁹ / ₁₆	1539	39 ¹ / ₄	997	13 ¹ / ₄	337	9 ¹ / ₂	242	572	259
Helix V 110-09	62 ⁹ / ₁₆	1539	41 ¹ / ₄	1047	13 ¹ / ₄	337	9 ¹ / ₂	242	567	257

P2	Phase	Voltage	FLA
[HP]	[~]	[V]	[A]
3	3	230/460/575	10/5/3
5	3	230/460/575	13.2/6.6/4.6
7.5	3	230/460/575	17.2/8.6/6.9
7.5	3	230/460/575	17.2/8.6/6.9
10	3	230/460/575	22.4/11.2/9
10	3	230/460/575	22.4/11.2/9
15	3	230/460/575	34.4/17.2/13.5
15	3	230/460/575	34.4/17.2/13.5
15	3	230/460/575	34.4/17.2/13.5
20	3	230/460/575	45/22.5/18.4
20	3	230/460/575	45/22.5/18.4
20	3	230/460/575	45/22.5/18.4
25	3	230/460/575	56/28/22
30	3	230/460/575	66/33/26.2

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