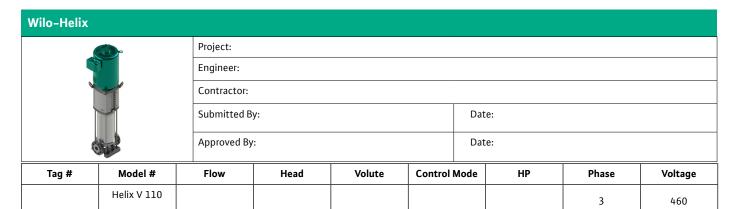


Submittal Data Sheet

Vertical Multistage Pumps



/m³/h	50 (40	30	20	10	0
<i>H/</i> m - 200		Wilo-Helix 60 Hz - North				ft
\dashv					Helix V110-07/1	0 =
- 160						
					Helix V110-06 ———————————————————————————————————	
120					Helix V110-05 Helix V110-05/3	
120						
					Helix V110-04 Helix V110-04/3	0
- 80					Helix V110-03	
					Helix V110-03/2	0
					Helix V110-02	,
- 40			_	=	Helix V110-02/2	
	2					0 -
0				1	1	ں ل
S gpm	200 Q/L	160	120	80	40	0
S gpm Q/I/s		10 1	120	80	40	
Q/l/s //m³/h <i>NP</i> :	14	-	1	-		0
Q/I/s /m³/h NP:	14	10 1	8	6	10	0
Q/l/s l/m³/h NP3 ft 30	14	10 1	8	6	2 4	0
Q/l/s y/m³/h NP: ft 30 20	14	10 1	30	6	10	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Q/l/s l/m³/h NP3 ft - 30 - 20 - 10	14	10 1	8	6	10	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Q/l/s y/m³/h NP: ft 30 20	50 (10 1	30	6	10	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Q/l/s //m³/h NP3 ft 30 20 10 S gpm //m³/h	14 50 50 200 Q/L	10 10 1	8 30 NPSH	6 20	10 10	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Q//s //m³/h NP3 ft 30 20 10 5 gpm /m³/h P ₂ /k	14 50 50 200 Q/L	10 10 1	8 30 NPSH	6 20	10 10 10 40	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Q/l/s //m³/h NP3 ft 30 20 10 S gpm //m³/h	200 Q/ L 50 (10 10 1	8 30 NPSH	6 20	10 10 10 40	0 0 0 0 0 0 0 0 0 0
Q//s /m³/h /NP:	200 Q/L 50 6 V110-07/1 V110-06	10 10 1	8 30 NPSH	6 20	10 10 10 40	0 0 0 0 0 0 0 0 0 0
Q//s //m³/h NP3 ft 30 20 10 5 gpm /m³/h P ₂ /k	200 Q/N 50 0 V110-07/1 V110-06/3 V110-05	10 10 1	8 30 NPSH	6 20	10 10 10 40	0 0 0 0 0 0 0 0 0 0
Q//s /m³/h /NP:	200 Q/N 50 0 V110-07/1 V110-06 V110-06/3 V110-05 V110-05/4 V110-06/4	10 10 1	8 30 NPSH	6 20	10 10 10 40	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Q//s /m³/h NP:	200 Q/N 50 (V110-07/1 V110-06/3 V110-05/3 V110-05/3 V110-04/3 V110-04/3 V110-04/3 V110-04/3 V110-04/3	10 10 1	8 30 NPSH	6 20	10 10 10 40	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Q//s /m³/h NP:	200 Q/L 50 (50	10 10 1	8 30 NPSH	6 20	10 10 10 40	0 0 0 % 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Q//s /m³/h NP! ft 30 10 10 10 10 10 10 10	200 Q/L 50 0 50 0 50 0 50 0 100	10 10 1	8 30 NPSH	6 20	10 10 10 40	0 0 0 0 830 60 0 0

Brand	Wilo
Product Description	Helix V 110
Technical Data	
PEI	(See page 2)
Certification	NSF 61 Approved (EPDM)
Liquid Temp Range	-4°F to +248°F
Power Supply	3~ 208-230v, 3~ 460v, 3~ 575v
Ambient Temperature	+5°F to +104°F
Flange Connection	250# ANSI
Max Operating Pressure	232/363 PSI
Protection Class	IP 55

Product Info

Materials of Construction								
Pump Volute	Stainless steel AISI 304							
Impeller, Housing, Diffusers	Stainless steel AISI 304L							
Shaft	Stainless steel AISI 431							
Shaft Sleeve	Stainless steel AISI 316L							
Baseplate & Lantern	Cast iron cataphoresis coated ASTM A 48 Class 35/40							
Flanges	Cast iron cataphoresis, coated Grey Cast Iron ASTM A 48 Class 35/40							
Mechanical Seal	BQ7EGG (Viton® upon request)							
O-ring	EPDM (FKM gasket upon request)							
Jacket Pipe	Stainless steel AISI 304							

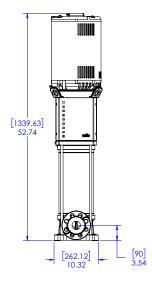
Applications									
Water supply & pressure boosting	 Industrial circulation systems 								
Cooling water circulation systems	• Process water								
Washing systems	Irrigation								

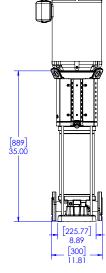


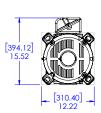
Submittal Data Sheet

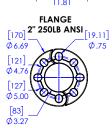
Vertical Multistage Pumps

Wilo-Helix









Dimensions and Weights

TEFC Motor Data

	PEI	Н	l		H ₂	ø	М	2	X					208-230/460 V	575 V
	Dimensions–inches (mm) Weight								P2	Phase	FLA	FLA			
Model	PEI	in	mm	in	(mm)	in	(mm)	in	(mm)	lbs	kg	[HP]	[~]	[A]	[A]
Helix V 110-02/2	0.87	33.72	857	20	508	8.6	218	6.86	174	217	98	5	3	13.1-11.8/5.9	4.72
Helix V 110-02	0.87	40.22	1022	25	635	8.6	218	6	152	258	117	7.5	3	25.4-23/11.5	9.2
Helix V 110-03/2	0.87	42.42	1078	27	685.8	8.6	218	6	152	267	121	7.5	3	25.4-23/11.5	9.2
Helix V 110-03	0.87	42.34	1076	27	685.8	10.28	261	7.96	202	298	135	10	3	25.4-23/11.5	9.2
Helix V 110-04/3	0.87	44.34	1126	29	737	10.28	261	7.96	202	300	136	10	3	25.4-23/11.5	9.2
Helix V 110-04	0.87	48.04	1220	29	737	12.28	312	9.42	239	343	156	15	3	38.5-34.8/17.4	13.8
Helix V 110-05/3	0.87	50	1271	31	787	12.28	312	9.42	239	354	161	15	3	38.5-34.8/17.4	13.8
Helix V 110-05	0.87	50	1271	31	787	12.28	312	9.42	239	428	194	15	3	38.5-34.8/17.4	13.8
Helix V 110-06/3	0.89	50.74	1289	33	838	11.51	292	9.49	241	417	189	20	3	50.2-45.4/22.7	18.2
Helix V 110-06	0.89	50.74	1289	33	838	11.51	292	9.49	241	419	190	20	3	50.2-45.4/22.7	18.2
Helix V 110-07/1	-	52.74	1340	35	889	11.51	292	9.49	241	428	194	20	3	50.2-45.4/22.7	18.2