

U.S. DOE Compliance Certification Database

Product Group: Pumps - General Pumps

Model number:

Brand Name(s)	Equipment Family	Nominal Speed of Rotation in Revolutions per Minute (rpm)	Operating Mode	Basic Model Number	Individual Model Number Covered by Basic Model (Bare Pump)	Individual Model Number (Driver), If Applicable	Individual Model Number (Controls), If Applicable	Alternate Single Individual Model Number for Bare Pump with Driver or Bare Pump with Driver and Controls	Pump Configuration	Pump Energy Index (PEI) as Determined in Accordance with the Test Procedure in Section 431.464	Pump Total Head in Feet at Best Efficiency Point (BEP) and Nominal Speed as Determined in Accordance with the Test Procedure in Section 431.464	Volume per Unit Time (Flow Rate) in Gallons per Minute (gpm) at Best Efficiency Point (BEP) and Nominal Speed	Full Impeller Diameter in Inches (in.)
Wilo Stratos GIGA	In-line	3600	Variable Load	Stratos GIGA 3/3-70	Stratos GIGA 3/3-70	2205491	2124556		C-pump sold with a motor & continuous controls	0.5	68.57299804	322.977918	4.893700787
Wilo Stratos GIGA	In-line	3600	Variable Load	Stratos GIGA 3/3-120	Stratos GIGA 3/3-120	2205496	2124558		C-pump sold with a motor & continuous controls	0.48	71.59141869	268.2352941	5
Wilo Stratos GIGA	In-line	3600	Variable Load	Stratos GIGA 2/3-65	Stratos GIGA 2/3-65	2205490	2124543		C-pump sold with a motor & continuous controls	0.87	38.04571012	105.5204082	3.582677165
Wilo Stratos GIGA	In-line	3600	Variable Load	Stratos GIGA 2/3-45	Stratos GIGA 2/3-45	2205489	2124544		C-pump sold with a motor & continuous controls	0.92	37.80892562	106.5163636	3.582677165
Wilo Stratos GIGA	In-line	3600	Variable Load	Stratos GIGA 2.5/3-70	Stratos GIGA 2.5/3-70	2205492	2124552		C-pump sold with a motor & continuous controls	0.7	37.18285714	150.6	3.74015748
Wilo Stratos GIGA	In-line	3600	Variable Load	Stratos GIGA 2.5/3-55	Stratos GIGA 2.5/3-55	2205489	2124548		C-pump sold with a motor & continuous controls	0.61	49.23721124	229.3548387	4.291338583
Wilo Stratos GIGA	In-line	3600	Variable Load	Stratos GIGA 1.5/3-80	Stratos GIGA 1.5/3-80	2205492	2124537		C-pump sold with a motor & continuous controls	0.58	48.3327	78.354	4.251968504
Wilo Stratos GIGA	In-line	3600	Variable Load	Stratos GIGA 4/3-105	Stratos GIGA 4/3-105	2205498	2124562		C-pump sold with a motor & continuous controls	0.49	66.40558283	345.5014477	5.039370079
Wilo Stratos GIGA	In-line	3600	Variable Load	Stratos GIGA 4/3-100	Stratos GIGA 4/3-100	2205496	2124563		C-pump sold with a motor & continuous controls	0.49	57.44631395	322.5500133	5.0629921
Wilo Stratos GIGA	In-line	3600	Variable Load	Stratos GIGA 3/3-50	Stratos GIGA 3/3-50	2205491	2124557		C-pump sold with a motor & continuous controls	0.46	53.43134235	283.9354839	4.527559055
Wilo Stratos GIGA	In-line	3600	Variable Load	Stratos GIGA 3/3-105	Stratos GIGA 3/3-105	2205496	2124559		C-pump sold with a motor & continuous controls	0.47	87.18444523	243.4929876	4.68503937

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Wilo-Helix V	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Constant Load	V270	Helix V270				BP-bare pump	0.98	197.277649	266.8155429	5.181
Wilo-Helix V	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Constant Load	V190	Helix V190				BP-bare pump	0.95	301.9108702	189.1645714	5.189
Wilo-Helix V	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Constant Load	V110	Helix V110				BP-bare pump	0.89	219.025058	109.9224	4.504
Wilo-Helix V	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Constant Load	HELIX V80-6-1/A3/E/KS/H/10/4	Helix V 80-06	2120204			EM-pump sold with an electric motor (no controls)	0.96	284.84	91.9878	3.959
Wilo-Helix V	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Constant Load	HELIX V80-5-1/A3/E/KS/H/10/4	Helix V 80-05	2120204			EM-pump sold with an electric motor (no controls)	0.96	239.02	91.9878	3.959
Wilo-Helix V	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Constant Load	HELIX V80-4-1/A3/E/KS/N/7.5/4	Helix V 80-04	2120203			EM-pump sold with an electric motor (no controls)	0.97	188.109	91.9878	3.959
Wilo-Helix V	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Constant Load	HELIX V80-3-1/A3/E/KS/N/5/4	Helix V 80-03	2120202			EM-pump sold with an electric motor (no controls)	0.97	140.027	91.9878	3.959
Wilo-Helix V	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Constant Load	HELIX V80-2-1/A3/E/KS/N/5/4	Helix V 80-02	2120202			EM-pump sold with an electric motor (no controls)	0.99	91.9452	91.9878	3.959
Wilo-Helix V	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Constant Load	HELIX V80-06-1/A3/E/KS/H/10/3	HELIX V80-06	2120190			EM-pump sold with an electric motor (no controls)	0.96	284.84	91.9878	3.959
Wilo-Helix V	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Constant Load	HELIX V80-05-1/A3/E/KS/H/10/3	HELIX V80-05	2120190			EM-pump sold with an electric motor (no controls)	0.96	239.02	91.9878	3.959
Wilo-Helix V	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Constant Load	HELIX V80-04-1/A3/E/KS/N/7.5/3	HELIX V80-04	2120189			EM-pump sold with an electric motor (no controls)	0.97	188.109	91.9878	3.959
Wilo-Helix V	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Constant Load	HELIX V80-03-1/A3/E/KS/N/5/3	HELIX V80-03	2120188			EM-pump sold with an electric motor (no controls)	0.97	140.027	91.9878	3.959
Wilo-Helix V	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Constant Load	HELIX V80-02-1/A3/E/KS/N/5/3	HELIX V80-02	2120188			EM-pump sold with an electric motor (no controls)	0.99	91.9452	91.9878	3.959
Wilo-Helix V	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Constant Load	Helix V30	Helix V30				BP-bare pump	0.94	101.1954887	32.58689143	3.189
Wilo-Helix V	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Constant Load	Helix V50	Helix V50				BP-bare pump	0.96	118.2417502	54.40052571	3.445

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Wilo IL	In-line	1800	Constant Load	IL 4 45/610-4	IL 4 45/610-4	2708031			EM-pump sold with an electric motor (no controls)	0.99	38.98579592	641.9314286	6.81
Wilo IL	In-line	1800	Constant Load	IL 4 45/610-4	IL 4 45/610-4	2708029			EM-pump sold with an electric motor (no controls)	0.99	38.98579592	641.9314286	6.81
Wilo IL	In-line	1800	Constant Load	IL 4 35/600-4	IL 4 35/600-4	2708025			EM-pump sold with an electric motor (no controls)	0.99	31.27327347	485.5885714	6.22
Wilo IL	In-line	1800	Constant Load	IL 4 35/600-4	IL 4 35/600-4	2060482			EM-pump sold with an electric motor (no controls)	0.99	31.27327347	485.5885714	6.22
Wilo IL	In-line	1800	Constant Load	IL 4 25/700-4	IL 4 25/700-4	2060506			EM-pump sold with an electric motor (no controls)	0.99	20.04832653	424.1828571	5.47
Wilo IL	In-line	1800	Constant Load	IL 4 25/700-4	IL 4 25/700-4	2708019			EM-pump sold with an electric motor (no controls)	0.99	20.04832653	424.1828571	5.47
Wilo IL	In-line	3600	Constant Load	IL 4 200/1000-2 3-575	IL 4 200/1000-2	2709139A			EM-pump sold with an electric motor (no controls)	1	153.0497771	988.4583729	6.92913
Wilo IL	In-line	3600	Constant Load	IL 4 200/1000-2 3-230/460	IL 4 200/1000-2	2709139			EM-pump sold with an electric motor (no controls)	1	153.0497771	988.4583729	6.92913
Wilo IL	In-line	3600	Constant Load	IL 4 175/1150-2	IL 4 175/1150-2	2709141			EM-pump sold with an electric motor (no controls)	0.98	166.7343673	1183.885714	6.77
Wilo IL	In-line	3600	Constant Load	IL 4 175/1150-2	IL 4 175/1150-2	2709140			EM-pump sold with an electric motor (no controls)	0.98	166.7343673	1183.885714	6.77
Wilo IL	In-line	3600	Constant Load	IL 4 155/1150-2	IL 4 155/1150-2	2709139A			EM-pump sold with an electric motor (no controls)	0.99	138.4868571	1181.828571	6.61
Wilo IL	In-line	3600	Constant Load	IL 4 155/1150-2	IL 4 155/1150-2	2709139			EM-pump sold with an electric motor (no controls)	0.99	138.4868571	1181.828571	6.61
Wilo IL	In-line	3600	Constant Load	IL 4 140/1600-2	IL 4 140/1600-2	2706679			EM-pump sold with an electric motor (no controls)	0.99	118.1740408	1019.622857	6.22
Wilo IL	In-line	3600	Constant Load	IL 4 140/1600-2	IL 4 140/1600-2	2709213			EM-pump sold with an electric motor (no controls)	0.99	118.1740408	1019.622857	6.22
Wilo IL	In-line	3600	Constant Load	IL 4 115/1430-2	IL 4 115/1430-2	2708144			EM-pump sold with an electric motor (no controls)	0.99	93.38605714	933.6342857	5.74
Wilo IL	In-line	3600	Constant Load	IL 4 115/1430-2	IL 4 115/1430-2	2709136			EM-pump sold with an electric motor (no controls)	0.99	93.38605714	933.6342857	5.74
Wilo IL	In-line	1800	Constant Load	IL 3 85/390-4	IL 3 85/390-4	2708035			EM-pump sold with an electric motor (no controls)	1	79.9605551	333.5657143	9.13
Wilo IL	In-line	1800	Constant Load	IL 3 85/390-4	IL 3 85/390-4	2708033			EM-pump sold with an electric motor (no controls)	1	79.9605551	333.5657143	9.13
Wilo IL	In-line	3600	Constant Load	IL 3 80/620-2	IL 3 80/620-2	2708034			EM-pump sold with an electric motor (no controls)	0.95	64.8	474.1714286	4.53
Wilo IL	In-line	3600	Constant Load	IL 3 80/620-2	IL 3 80/620-2	2060471			EM-pump sold with an electric motor (no controls)	0.95	64.8	474.1714286	4.53
Wilo IL	In-line	1800	Constant Load	IL 3 80/310-4	IL 3 80/310-4	2708031			EM-pump sold with an electric motor (no controls)	0.95	74.84003265	322.2514286	8.66
Wilo IL	In-line	1800	Constant Load	IL 3 80/310-4	IL 3 80/310-4	2708029			EM-pump sold with an electric motor (no controls)	0.95	74.84003265	322.2514286	8.66
Wilo IL	In-line	3600	Constant Load	IL 3 60/600-2	IL 3 60/600-2	2708030			EM-pump sold with an electric motor (no controls)	0.93	47.46004898	431.4857143	4.06
Wilo IL	In-line	3600	Constant Load	IL 3 60/600-2	IL 3 60/600-2	2060470			EM-pump sold with an electric motor (no controls)	0.93	47.46004898	431.4857143	4.06
Wilo IL	In-line	1800	Constant Load	IL 3 60/380-4	IL 3 60/380-4	2708025			EM-pump sold with an electric motor (no controls)	0.95	48.32757551	307.2342857	7.56
Wilo IL	In-line	1800	Constant Load	IL 3 60/380-4	IL 3 60/380-4	2060482			EM-pump sold with an electric motor (no controls)	0.95	48.32757551	307.2342857	7.56
Wilo IL	In-line	1800	Constant Load	IL 3 50/350-4	IL 3 50/350-4	2708025			EM-pump sold with an electric motor (no controls)	0.97	45.46050612	361.1314286	6.89
Wilo IL	In-line	1800	Constant Load	IL 3 50/350-4	IL 3 50/350-4	2060482			EM-pump sold with an electric motor (no controls)	0.97	45.46050612	361.1314286	6.89
Wilo IL	In-line	1800	Constant Load	IL 3 45/380-4	IL 3 45/380-4	2708025			EM-pump sold with an electric motor (no controls)	0.95	39.85332245	298.2857143	6.77
Wilo IL	In-line	1800	Constant Load	IL 3 45/380-4	IL 3 45/380-4	2060482			EM-pump sold with an electric motor (no controls)	0.95	39.85332245	298.2857143	6.77

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Wilo IL	In-line	1800	Constant Load	IL 3 40/300-4	IL 3 40/300-4	2060506			electric motor (no controls) EM-pump sold with an electric motor (no controls)	0.97	37.75856327	256.1142857	6.18
Wilo IL	In-line	1800	Constant Load	IL 3 40/300-4	IL 3 40/300-4	2708019			EM-pump sold with an electric motor (no controls)	0.97	37.75856327	256.1142857	6.18
Wilo IL	In-line	1800	Constant Load	IL 3 35/450-4	IL 3 35/450-4	2060506			EM-pump sold with an electric motor (no controls)	0.97	30.38458776	281.0057143	5.75
Wilo IL	In-line	1800	Constant Load	IL 3 35/450-4	IL 3 35/450-4	2708019			EM-pump sold with an electric motor (no controls)	0.97	30.38458776	281.0057143	5.75
Wilo IL	In-line	3600	Constant Load	IL 3 290/810-2 3-575	IL 3 290/810-2	2709141			EM-pump sold with an electric motor (no controls)	0.97	243.9261038	714.1739718	8.31
Wilo IL	In-line	3600	Constant Load	IL 3 290/810-2 3-230/460	IL 3 290/810-2	2709140			EM-pump sold with an electric motor (no controls)	0.97	243.9261038	714.1739718	8.31
Wilo IL	In-line	1800	Constant Load	IL 3 25/355-4	IL 3 25/355-4	2708015			EM-pump sold with an electric motor (no controls)	0.97	22.86249796	245.0057143	5.04
Wilo IL	In-line	1800	Constant Load	IL 3 25/355-4	IL 3 25/355-4	2708013			EM-pump sold with an electric motor (no controls)	0.97	22.86249796	245.0057143	5.04
Wilo IL	In-line	3600	Constant Load	IL 3 220/770-2 3-575	IL 3 220/770-2	2706679			EM-pump sold with an electric motor (no controls)	0.99	183.1255717	599.0684286	7.32
Wilo IL	In-line	3600	Constant Load	IL 3 220/770-2 3-230/460	IL 3 220/770-2	2709213			EM-pump sold with an electric motor (no controls)	0.99	183.1255717	599.0684286	7.32
Wilo IL	In-line	3600	Constant Load	IL 3 170/630-2	IL 3 170/630-2	2708144			EM-pump sold with an electric motor (no controls)	0.95	155.52	651.3942857	6.5
Wilo IL	In-line	3600	Constant Load	IL 3 170/630-2	IL 3 170/630-2	2709136			EM-pump sold with an electric motor (no controls)	0.95	155.52	651.3942857	6.5
Wilo IL	In-line	3600	Constant Load	IL 3 150/600-2	IL 3 150/600-2	2707490			EM-pump sold with an electric motor (no controls)	0.95	136.2651429	617.1428571	6.1
Wilo IL	In-line	3600	Constant Load	IL 3 150/600-2	IL 3 150/600-2	2708138			EM-pump sold with an electric motor (no controls)	0.95	136.2651429	617.1428571	6.1
Wilo IL	In-line	1800	Constant Load	IL 3 130/650-4	IL 3 130/650-4	2708045			EM-pump sold with an electric motor (no controls)	1	117.962449	420.48	10.67
Wilo IL	In-line	1800	Constant Load	IL 3 130/650-4	IL 3 130/650-4	2708043			EM-pump sold with an electric motor (no controls)	1	117.962449	420.48	10.67
Wilo IL	In-line	3600	Constant Load	IL 3 130/650-2	IL 3 130/650-2	2708044			EM-pump sold with an electric motor (no controls)	1	115.5291429	530.8457143	5.55
Wilo IL	In-line	3600	Constant Load	IL 3 130/650-2	IL 3 130/650-2	2708042			EM-pump sold with an electric motor (no controls)	1	115.5291429	530.8457143	5.55
Wilo IL	In-line	3600	Constant Load	IL 3 120/655-2	IL 3 120/655-2	2708044			EM-pump sold with an electric motor (no controls)	0.95	96.82442449	683.7942857	5.43
Wilo IL	In-line	3600	Constant Load	IL 3 120/655-2	IL 3 120/655-2	2708042			EM-pump sold with an electric motor (no controls)	0.95	96.82442449	683.7942857	5.43
Wilo IL	In-line	1800	Constant Load	IL 3 110/550-4	IL 3 110/550-4	2708041			EM-pump sold with an electric motor (no controls)	1	100.336849	375.3257143	10
Wilo IL	In-line	1800	Constant Load	IL 3 110/550-4	IL 3 110/550-4	2708039			EM-pump sold with an electric motor (no controls)	1	100.336849	375.3257143	10
Wilo IL	In-line	3600	Constant Load	IL 3 100/660-2	IL 3 100/660-2	2708037			EM-pump sold with an electric motor (no controls)	0.95	85.71585306	542.3657143	5.08
Wilo IL	In-line	3600	Constant Load	IL 3 100/660-2	IL 3 100/660-2	2708036			EM-pump sold with an electric motor (no controls)	0.95	85.71585306	542.3657143	5.08
Wilo IL	In-line	1800	Constant Load	IL 2.5 95/215-4	IL 2.5 95/215-4	2708031			EM-pump sold with an electric motor (no controls)	0.98	88.18089796	228.8571429	9.45
Wilo IL	In-line	1800	Constant Load	IL 2.5 95/215-4	IL 2.5 95/215-4	2708029			EM-pump sold with an electric motor (no controls)	0.98	88.18089796	228.8571429	9.45
Wilo IL	In-line	3600	Constant Load	IL 2.5 90/370-2	IL 2.5 90/370-2	2708030			EM-pump sold with an electric motor (no controls)	0.97	73.65511837	261.36	4.53
Wilo IL	In-line	3600	Constant Load	IL 2.5 90/370-2	IL 2.5 90/370-2	2060470			EM-pump sold with an electric motor (no controls)	0.97	73.65511837	261.36	4.53
Wilo IL	In-line	1800	Constant Load	IL 2.5 90/300-4	IL 2.5 90/300-4	2708031			EM-pump sold with an electric motor (no controls)	0.92	84.45688163	234.72	8.86
Wilo IL	In-line	1800	Constant Load	IL 2.5 90/300-4	IL 2.5 90/300-4	2708029			EM-pump sold with an electric motor (no controls)	0.92	84.45688163	234.72	8.86
Wilo IL	In-line	3600	Constant Load	IL 2.5 85/480-2	IL 2.5 85/480-2	2708034			EM-pump sold with an electric motor (no controls)	0.98	77.17812245	335.6228571	4.61
Wilo IL	In-line	3600	Constant Load	IL 2.5 85/480-2	IL 2.5 85/480-2	2060471			EM-pump sold with an electric motor (no controls)	0.98	77.17812245	335.6228571	4.61

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Wilo IL	In-line	1800	Constant Load	IL 2.5 70/220-4	IL 2.5 70/220-4	2708025			EM-pump sold with an electric motor (no controls)	0.92	66.50331429	206.5371429	8.07
Wilo IL	In-line	1800	Constant Load	IL 2.5 70/220-4	IL 2.5 70/220-4	2060482			EM-pump sold with an electric motor (no controls)	0.92	66.50331429	206.5371429	8.07
Wilo IL	In-line	1800	Constant Load	IL 2.5 50/365-4	IL 2.5 50/365-4	2708025			EM-pump sold with an electric motor (no controls)	0.94	46.94164898	233.8971429	6.89
Wilo IL	In-line	1800	Constant Load	IL 2.5 50/365-4	IL 2.5 50/365-4	2060482			EM-pump sold with an electric motor (no controls)	0.94	46.94164898	233.8971429	6.89
Wilo IL	In-line	1800	Constant Load	IL 2.5 45/360-4	IL 2.5 45/360-4	2060506			EM-pump sold with an electric motor (no controls)	0.94	37.98073469	205.7142857	6.26
Wilo IL	In-line	1800	Constant Load	IL 2.5 45/360-4	IL 2.5 45/360-4	2708019			EM-pump sold with an electric motor (no controls)	0.94	37.98073469	205.7142857	6.26
Wilo IL	In-line	1800	Constant Load	IL 2.5 35/280-4	IL 2.5 35/280-4	2708015			EM-pump sold with an electric motor (no controls)	0.94	29.9402449	188.1257143	5.63
Wilo IL	In-line	1800	Constant Load	IL 2.5 35/280-4	IL 2.5 35/280-4	2708013			EM-pump sold with an electric motor (no controls)	0.94	29.9402449	188.1257143	5.63
Wilo IL	In-line	3600	Constant Load	IL 2.5 320/500-2 3-575	IL 2.5 320/500-2	2708144			EM-pump sold with an electric motor (no controls)	0.98	290.3420946	438.9680039	8.46
Wilo IL	In-line	3600	Constant Load	IL 2.5 320/500-2 3-230/460	IL 2.5 320/500-2	2709136			EM-pump sold with an electric motor (no controls)	0.98	290.3420946	438.9680039	8.46
Wilo IL	In-line	1800	Constant Load	IL 2.5 30/245-4	IL 2.5 30/245-4	2060491			EM-pump sold with an electric motor (no controls)	0.94	24.38595918	164.88	5.2
Wilo IL	In-line	1800	Constant Load	IL 2.5 30/245-4	IL 2.5 30/245-4	2060466			EM-pump sold with an electric motor (no controls)	0.94	24.38595918	164.88	5.2
Wilo IL	In-line	3600	Constant Load	IL 2.5 275/450-2 3-575	IL 2.5 275/450-2	2706679			EM-pump sold with an electric motor (no controls)	0.99	260.7882062	395.1980962	8.03
Wilo IL	In-line	3600	Constant Load	IL 2.5 275/450-2 3-230/460	IL 2.5 275/450-2	2709213			EM-pump sold with an electric motor (no controls)	0.99	260.7882062	395.1980962	8.03
Wilo IL	In-line	3600	Constant Load	IL 2.5 190/510-2	IL 2.5 190/510-2	2707490			EM-pump sold with an electric motor (no controls)	0.92	173.0821224	427.1657143	6.61
Wilo IL	In-line	3600	Constant Load	IL 2.5 190/510-2	IL 2.5 190/510-2	2708138			EM-pump sold with an electric motor (no controls)	0.92	173.0821224	427.1657143	6.61
Wilo IL	In-line	3600	Constant Load	IL 2.5 165/470-2	IL 2.5 165/470-2	2708044			EM-pump sold with an electric motor (no controls)	0.92	148.6432653	404.0228571	6.18
Wilo IL	In-line	3600	Constant Load	IL 2.5 165/470-2	IL 2.5 165/470-2	2708042			EM-pump sold with an electric motor (no controls)	0.92	148.6432653	404.0228571	6.18
Wilo IL	In-line	3600	Constant Load	IL 2.5 140/470-2	IL 2.5 140/470-2	2708037			EM-pump sold with an electric motor (no controls)	0.92	122.8290612	339.84	5.59
Wilo IL	In-line	3600	Constant Load	IL 2.5 140/470-2	IL 2.5 140/470-2	2708036			EM-pump sold with an electric motor (no controls)	0.92	122.8290612	339.84	5.59
Wilo IL	In-line	1800	Constant Load	IL 2.5 135/390-4	IL 2.5 135/390-4	2708041			EM-pump sold with an electric motor (no controls)	0.98	123.0406531	280.8	10.71
Wilo IL	In-line	1800	Constant Load	IL 2.5 135/390-4	IL 2.5 135/390-4	2708039			EM-pump sold with an electric motor (no controls)	0.98	123.0406531	280.8	10.71
Wilo IL	In-line	1800	Constant Load	IL 2.5 120/245-4	IL 2.5 120/245-4	2708035			EM-pump sold with an electric motor (no controls)	0.98	106.5364898	256.7314286	10.28
Wilo IL	In-line	1800	Constant Load	IL 2.5 120/245-4	IL 2.5 120/245-4	2708033			EM-pump sold with an electric motor (no controls)	0.98	106.5364898	256.7314286	10.28
Wilo IL	In-line	3600	Constant Load	IL 2.5 110/570-2	IL 2.5 110/570-2	2708037			EM-pump sold with an electric motor (no controls)	0.98	103.4155102	368.5371429	5.16
Wilo IL	In-line	3600	Constant Load	IL 2.5 110/570-2	IL 2.5 110/570-2	2708036			EM-pump sold with an electric motor (no controls)	0.98	103.4155102	368.5371429	5.16
Wilo IL	In-line	3600	Constant Load	IL 2.5 110/410-2	IL 2.5 110/410-2	2708034			EM-pump sold with an electric motor (no controls)	0.92	92.4021551	298.9028571	5
Wilo IL	In-line	3600	Constant Load	IL 2.5 110/410-2	IL 2.5 110/410-2	2060471			EM-pump sold with an electric motor (no controls)	0.92	92.4021551	298.9028571	5
Wilo IL	In-line	3600	Constant Load	IL 2 80/280-2	IL 2 80/280-2	2708024			EM-pump sold with an electric motor (no controls)	0.93	67.56127347	189.1542857	4.41
Wilo IL	In-line	3600	Constant Load	IL 2 80/280-2	IL 2 80/280-2	2060469			EM-pump sold with an electric motor (no controls)	0.93	67.56127347	189.1542857	4.41
Wilo IL	In-line	1800	Constant Load	IL 2 70/195-4	IL 2 70/195-4	2708025			EM-pump sold with an electric motor (no controls)	0.97	70.8938449	169.7142857	8.35
Wilo IL	In-line	1800	Constant Load	IL 2 70/195-4	IL 2 70/195-4	2060482			EM-pump sold with an electric motor (no controls)	0.97	70.8938449	169.7142857	8.35
Wilo IL	In-line	1800	Constant Load	IL 2 60/190-4	IL 2 60/190-4	2060506			EM-pump sold with an	0.97	52.3584	147.1885714	7.48

Brand Name(s)	Equipment Family	Nominal Speed of Rotation in Revolutions per Minute (rpm)	Operating Mode	Basic Model Number	Individual Model Number Covered by Basic Model (Bare Pump)	Individual Model Number (Driver), If Applicable	Individual Model Number (Controls), If Applicable	Alternate Single Individual Model Number for Bare Pump with Driver or Bare Pump with Driver and Controls	Pump Configuration	Pump Energy Index (PEI) as Determined in Accordance with the Test Procedure in Section 431.464	Pump Total Head in Feet at Best Efficiency Point (BEP) and Nominal Speed as Determined in Accordance with the Test Procedure in Section 431.464	Volume per Unit Time (Flow Rate) in Gallons per Minute (gpm) at Best Efficiency Point (BEP) and Nominal Speed	Full Impeller Diameter in Inches (in.)
Wilo IL	In-line	1800	Constant Load	IL 2 60/190-4	IL 2 60/190-4	2708019			electric motor (no controls) EM-pump sold with an electric motor (no controls)	0.97	52.3584	147.1885714	7.48
Wilo IL	In-line	3600	Constant Load	IL 2 55/190-2	IL 2 55/190-2	2708020			EM-pump sold with an electric motor (no controls)	0.93	43.70429388	174.3428571	3.86
Wilo IL	In-line	3600	Constant Load	IL 2 55/190-2	IL 2 55/190-2	2708018			EM-pump sold with an electric motor (no controls)	0.93	43.70429388	174.3428571	3.86
Wilo IL	In-line	1800	Constant Load	IL 2 45/170-4	IL 2 45/170-4	2708015			EM-pump sold with an electric motor (no controls)	0.97	38.35102041	122.8114286	6.61
Wilo IL	In-line	1800	Constant Load	IL 2 45/170-4	IL 2 45/170-4	2708013			EM-pump sold with an electric motor (no controls)	0.97	38.35102041	122.8114286	6.61
Wilo IL	In-line	3600	Constant Load	IL 2 440/405-2	IL 2 440/405-2	2709141			EM-pump sold with an electric motor (no controls)	0.99	399.168	316.2857143	9.88
Wilo IL	In-line	3600	Constant Load	IL 2 440/405-2	IL 2 440/405-2	2709140			EM-pump sold with an electric motor (no controls)	0.99	399.168	316.2857143	9.88
Wilo IL	In-line	3600	Constant Load	IL 2 390/380-2	IL 2 390/380-2	2709139A			EM-pump sold with an electric motor (no controls)	0.99	357.0612245	280.9028571	9.37
Wilo IL	In-line	3600	Constant Load	IL 2 390/380-2	IL 2 390/380-2	2709139			EM-pump sold with an electric motor (no controls)	0.99	357.0612245	280.9028571	9.37
Wilo IL	In-line	3600	Constant Load	IL 2 340/340-2	IL 2 340/340-2	2706679			EM-pump sold with an electric motor (no controls)	0.99	308.8182857	261.36	8.86
Wilo IL	In-line	3600	Constant Load	IL 2 340/340-2	IL 2 340/340-2	2709213			EM-pump sold with an electric motor (no controls)	0.99	308.8182857	261.36	8.86
Wilo IL	In-line	3600	Constant Load	IL 2 280/300-2	IL 2 280/300-2	2708144			EM-pump sold with an electric motor (no controls)	0.99	261.844898	314.0228571	8.35
Wilo IL	In-line	3600	Constant Load	IL 2 280/300-2	IL 2 280/300-2	2709136			EM-pump sold with an electric motor (no controls)	0.99	261.844898	314.0228571	8.35
Wilo IL	In-line	3600	Constant Load	IL 2 245/290-2	IL 2 245/290-2	2707490			EM-pump sold with an electric motor (no controls)	0.99	227.8844082	280.08	7.91
Wilo IL	In-line	3600	Constant Load	IL 2 245/290-2	IL 2 245/290-2	2708138			EM-pump sold with an electric motor (no controls)	0.99	227.8844082	280.08	7.91
Wilo IL	In-line	3600	Constant Load	IL 2 200/350-2	IL 2 200/350-2	2708044			EM-pump sold with an electric motor (no controls)	0.99	174.7748571	267.0171429	7.05
Wilo IL	In-line	3600	Constant Load	IL 2 200/350-2	IL 2 200/350-2	2708042			EM-pump sold with an electric motor (no controls)	0.99	174.7748571	267.0171429	7.05
Wilo IL	In-line	3600	Constant Load	IL 2 135/265-2	IL 2 135/265-2	2708034			EM-pump sold with an electric motor (no controls)	0.93	118.0682449	264.8571429	5.59
Wilo IL	In-line	3600	Constant Load	IL 2 135/265-2	IL 2 135/265-2	2060471			EM-pump sold with an electric motor (no controls)	0.93	118.0682449	264.8571429	5.59
Wilo IL	In-line	3600	Constant Load	IL 2 130/320-2 3-230/460	IL 2 130/320-2 3-230/460	2060471			EM-pump sold with an electric motor (no controls)	1	114.6760799	231.2918411	5.83
Wilo IL	In-line	1800	Constant Load	IL 2 130/220-4	IL 2 130/220-4	2708035			EM-pump sold with an electric motor (no controls)	0.97	124.0986122	164.3657143	10.83
Wilo IL	In-line	1800	Constant Load	IL 2 130/220-4	IL 2 130/220-4	2708033			EM-pump sold with an electric motor (no controls)	0.97	124.0986122	164.3657143	10.83
Wilo IL	In-line	1800	Constant Load	IL 2 110/200-4	IL 2 110/200-4	2708031			EM-pump sold with an electric motor (no controls)	0.97	102.4845061	151.8171429	10
Wilo IL	In-line	1800	Constant Load	IL 2 110/200-4	IL 2 110/200-4	2708029			EM-pump sold with an electric motor (no controls)	0.97	102.4845061	151.8171429	10
Wilo IL	In-line	3600	Constant Load	IL 2 105/250-2	IL 2 105/250-2	2708030			EM-pump sold with an electric motor (no controls)	0.94	95.32212245	234.6171429	5
Wilo IL	In-line	3600	Constant Load	IL 2 105/250-2	IL 2 105/250-2	2060470			EM-pump sold with an electric motor (no controls)	0.94	95.32212245	234.6171429	5
Wilo IL	In-line	3600	Constant Load	IL 1.5 90/220-2	IL 1.5 90/220-2	2708024			EM-pump sold with an electric motor (no controls)	0.9	76.75493878	158.4	4.84
Wilo IL	In-line	3600	Constant Load	IL 1.5 90/220-2	IL 1.5 90/220-2	2060469			EM-pump sold with an electric motor (no controls)	0.9	76.75493878	158.4	4.84
Wilo IL	In-line	1800	Constant Load	IL 1.5 85/160-4	IL 1.5 85/160-4	2708025			EM-pump sold with an electric motor (no controls)	0.95	80.69054694	117.1542857	8.86
Wilo IL	In-line	1800	Constant Load	IL 1.5 85/160-4	IL 1.5 85/160-4	2060482			EM-pump sold with an electric motor (no controls)	0.95	80.69054694	117.1542857	8.86
Wilo IL	In-line	1800	Constant Load	IL 1.5 70/130-4	IL 1.5 70/130-4	2060506			EM-pump sold with an electric motor (no controls)	0.95	59.00238367	103.4742857	7.99
Wilo IL	In-line	1800	Constant Load	IL 1.5 70/130-4	IL 1.5 70/130-4	2708019			EM-pump sold with an electric motor (no controls)	0.95	59.00238367	103.4742857	7.99

Brand Name(s)	Equipment Family	Nominal Speed of Rotation in Revolutions per Minute (rpm)	Operating Mode	Basic Model Number	Individual Model Number Covered by Basic Model (Bare Pump)	Individual Model Number (Driver), If Applicable	Individual Model Number (Controls), If Applicable	Alternate Single Individual Model Number for Bare Pump with Driver or Bare Pump with Driver and Controls	Pump Configuration	Pump Energy Index (PEI) as Determined in Accordance with the Test Procedure in Section 431.464	Pump Total Head in Feet at Best Efficiency Point (BEP) and Nominal Speed as Determined in Accordance with the Test Procedure in Section 431.464	Volume per Unit Time (Flow Rate) in Gallons per Minute (gpm) at Best Efficiency Point (BEP) and Nominal Speed	Full Impeller Diameter in Inches (in.)
Wilo IL	In-line	1800	Constant Load	IL 1.5 55/110-4	IL 1.5 55/110-4	2708015			EM-pump sold with an electric motor (no controls)	0.95	46.35977143	90.94628571	7.13
Wilo IL	In-line	1800	Constant Load	IL 1.5 55/110-4	IL 1.5 55/110-4	2708013			EM-pump sold with an electric motor (no controls)	0.95	46.35977143	90.94628571	7.13
Wilo IL	In-line	1800	Constant Load	IL 1.5 50/130-4	IL 1.5 50/130-4	2708015			EM-pump sold with an electric motor (no controls)	0.92	47.4283102	111.6	6.81
Wilo IL	In-line	1800	Constant Load	IL 1.5 50/130-4	IL 1.5 50/130-4	2708013			EM-pump sold with an electric motor (no controls)	0.92	47.4283102	111.6	6.81
Wilo IL	In-line	1800	Constant Load	IL 1.5 45/110-4	IL 1.5 45/110-4	2060491			EM-pump sold with an electric motor (no controls)	0.92	37.74798367	105.12	6.3
Wilo IL	In-line	1800	Constant Load	IL 1.5 45/110-4	IL 1.5 45/110-4	2060466			EM-pump sold with an electric motor (no controls)	0.92	37.74798367	105.12	6.3
Wilo IL	In-line	1800	Constant Load	IL 1.5 35/100-4	IL 1.5 35/100-4	2060503			EM-pump sold with an electric motor (no controls)	0.92	28.30040816	92.664	5.63
Wilo IL	In-line	1800	Constant Load	IL 1.5 35/100-4	IL 1.5 35/100-4	2060478			EM-pump sold with an electric motor (no controls)	0.92	28.30040816	92.664	5.63
Wilo IL	In-line	3600	Constant Load	IL 1.5 310/240-2	IL 1.5 310/240-2	2707490			EM-pump sold with an electric motor (no controls)	0.94	268.8274286	244.08	4.48
Wilo IL	In-line	3600	Constant Load	IL 1.5 310/240-2	IL 1.5 310/240-2	2708138			EM-pump sold with an electric motor (no controls)	0.94	268.8274286	244.08	4.48
Wilo IL	In-line	3600	Constant Load	IL 1.5 270/220-2	IL 1.5 270/220-2	2708044			EM-pump sold with an electric motor (no controls)	0.94	251.9000816	208.08	7.95
Wilo IL	In-line	3600	Constant Load	IL 1.5 270/220-2	IL 1.5 270/220-2	2708042			EM-pump sold with an electric motor (no controls)	0.94	251.9000816	208.08	7.95
Wilo IL	In-line	3600	Constant Load	IL 1.5 210/220-2	IL 1.5 210/220-2	2708037			EM-pump sold with an electric motor (no controls)	0.94	186.3066122	190.5942857	7.17
Wilo IL	In-line	3600	Constant Load	IL 1.5 210/220-2	IL 1.5 210/220-2	2708036			EM-pump sold with an electric motor (no controls)	0.94	186.3066122	190.5942857	7.17
Wilo IL	In-line	3600	Constant Load	IL 1.5 200/230-2	IL 1.5 200/230-2	2708037			EM-pump sold with an electric motor (no controls)	0.9	190.6442449	213.0171429	6.89
Wilo IL	In-line	3600	Constant Load	IL 1.5 200/230-2	IL 1.5 200/230-2	2708036			EM-pump sold with an electric motor (no controls)	0.9	190.6442449	213.0171429	6.89
Wilo IL	In-line	3600	Constant Load	IL 1.5 175/325-2	IL 1.5 175/325-2	2708037			EM-pump sold with an electric motor (no controls)	0.9	161.8677551	199.7485714	6.4
Wilo IL	In-line	3600	Constant Load	IL 1.5 175/325-2	IL 1.5 175/325-2	2708036			EM-pump sold with an electric motor (no controls)	0.9	161.8677551	199.7485714	6.4
Wilo IL	In-line	3600	Constant Load	IL 1.5 150/300-2	IL 1.5 150/300-2	2708034			EM-pump sold with an electric motor (no controls)	0.9	125.1565714	188.5371429	5.87
Wilo IL	In-line	3600	Constant Load	IL 1.5 150/300-2	IL 1.5 150/300-2	2060471			EM-pump sold with an electric motor (no controls)	0.9	125.1565714	188.5371429	5.87
Wilo IL	In-line	3600	Constant Load	IL 1.5 150/220-2	IL 1.5 150/220-2	2708034			EM-pump sold with an electric motor (no controls)	0.9	131.5043265	164.16	6.22
Wilo IL	In-line	3600	Constant Load	IL 1.5 150/220-2	IL 1.5 150/220-2	2060471			EM-pump sold with an electric motor (no controls)	0.9	131.5043265	164.16	6.22
Wilo IL	In-line	1800	Constant Load	IL 1.25 50/90-4	IL 1.25 50/90-4	2060491			EM-pump sold with an electric motor (no controls)	0.98	44.26501224	67.26857143	6.73
Wilo IL	In-line	1800	Constant Load	IL 1.25 50/90-4	IL 1.25 50/90-4	2060466			EM-pump sold with an electric motor (no controls)	0.98	44.26501224	67.26857143	6.73
Wilo IL	In-line	1800	Constant Load	IL 1.25 40/70-4	IL 1.25 40/70-4	2060503			EM-pump sold with an electric motor (no controls)	0.98	33.5690449	62.26971429	6.1
Wilo IL	In-line	1800	Constant Load	IL 1.25 40/70-4	IL 1.25 40/70-4	2060478			EM-pump sold with an electric motor (no controls)	0.98	33.5690449	62.26971429	6.1
Wilo IL	In-line	3600	Constant Load	IL 1.25 195/160-2	IL 1.25 195/160-2	2708034			EM-pump sold with an electric motor (no controls)	0.91	174.2458776	134.8457143	6.81
Wilo IL	In-line	3600	Constant Load	IL 1.25 195/160-2	IL 1.25 195/160-2	2060471			EM-pump sold with an electric motor (no controls)	0.91	174.2458776	134.8457143	6.81
Wilo IL	In-line	3600	Constant Load	IL 1.25 160/140-2	IL 1.25 160/140-2	2708030			EM-pump sold with an electric motor (no controls)	0.96	144.6230204	126.72	6.26
Wilo IL	In-line	3600	Constant Load	IL 1.25 160/140-2	IL 1.25 160/140-2	2060470			EM-pump sold with an electric motor (no controls)	0.96	144.6230204	126.72	6.26
Wilo IL	In-line	3600	Constant Load	IL 1.25 125/100-2	IL 1.25 125/100-2	2708024			EM-pump sold with an electric motor (no controls)	0.99	116.9044898	103.7828571	5.67
Wilo IL	In-line	3600	Constant Load	IL 1.25 125/100-2	IL 1.25 125/100-2	2060469			EM-pump sold with an electric motor (no controls)	0.99	116.9044898	103.7828571	5.67

U.S. DOE Compliance Certification Database

Product Group: Pumps - General Pumps

Model number:

Brand Name(s)	Equipment Family	Nominal Speed of Rotation in Revolutions per Minute (rpm)	Operating Mode	Basic Model Number	Individual Model Number Covered by Basic Model (Bare Pump)	Individual Model Number (Driver), If Applicable	Individual Model Number (Controls), If Applicable	Alternate Single Individual Model Number for Bare Pump with Driver and Controls	Pump Configuration	Pump Energy Index (PEI) as Determined in Accordance with the Test Procedure in Section 431.464	Pump Total Head in Feet at Best Efficiency Point (BEP) and Nominal Speed as Determined in Accordance with the Test Procedure in Section 431.464	Volume per Unit Time (Flow Rate) in Gallons per Minute (gpm) at Best Efficiency Point (BEP) and Nominal Speed	Full Impeller Diameter in Inches (in.)
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-575V-4-210/1000-2	ILV-UH-575V-4-210/1000-2	HT060X02NPW22	2708252		C-pump sold with a motor & continuous controls	0.53	179.1167989	1053.798743	7.32
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-575V-4-110/1000-4	ILV-UH-575V-4-110/1000-4	HT025X02NPW22	2708247		C-pump sold with a motor & continuous controls	0.51	104.1870375	551.1192933	10.39
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-575V-3-260/680-2	ILV-UH-575V-3-260/680-2	HT050X02NPW22	2708250		C-pump sold with a motor & continuous controls	0.53	216.5033355	693.3627782	7.95
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-575V-3-220/770-2	ILV-UH-575V-3-220/770-2	HT040X02NPW22	2708249		C-pump sold with a motor & continuous controls	0.5	184.0825255	599.0684286	7.32
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-575V-2-185/425-2	ILV-UH-575V-2-185/425-2	HT020X02NPW01	2708246		C-pump sold with a motor & continuous controls	0.54	166.1673721	284.318228	6.65
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-575V-2-170/380-2	ILV-UH-575V-2-170/380-2	HT015X02NPW01215T	2708245		C-pump sold with a motor & continuous controls	0.52	136.8717499	294.6404512	6.34
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-575V-2-130/320-2	ILV-UH-575V-2-130/320-2	HT010X02NPW01	2708244		C-pump sold with a motor & continuous controls	0.51	114.2375252	231.2918411	5.83
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-575V-2.5-320/500-2	ILV-UH-575V-2.5-320/500-2	HT050X02NPW22	2708250		C-pump sold with a motor & continuous controls	0.49	299.606053	445.3612841	8.46
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-575V-2.5-275/450-2	ILV-UH-575V-2.5-275/450-2	HT040X02NPW22	2708249		C-pump sold with a motor & continuous controls	0.5	245.2107385	445.3612841	8.03
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-575V-2.5-225/410-2	ILV-UH-575V-2.5-225/410-2	HT030X02NPW22	2708248		C-pump sold with a motor & continuous controls	0.52	212.5650351	380.2977427	7.4
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-575V-1.25-85/75-2	ILV-UH-575V-1.25-85/75-2	HT003X02NPW01	2708101		C-pump sold with a motor & continuous controls	0.62	85.13148861	81.30566931	4.8
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-460V-4-60/610-4	ILV-UH-460V-4-60/610-4	HT010X04NPW01	2708604		C-pump sold with a motor & continuous controls	0.51	54.76525967	572.1216665	7.91
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-460V-4-55/620-4	ILV-UH-460V-4-55/620-4	HT007X04NPW01	2708603		C-pump sold with a motor & continuous controls	0.52	42.86764896	522.9793971	7.24
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-460V-4-210/1000-2	ILV-UH-460V-4-210/1000-2	HT060X02NPW22	2708611		C-pump sold with a motor & continuous controls	0.53	179.1167989	1053.798743	7.32
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-460V-4-120/1000-4	ILV-UH-460V-4-120/1000-4	HT030X04NPW22	2708608		C-pump sold with a motor & continuous controls	0.52	111.0000274	581.5818809	10.71
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-460V-4-110/1000-4	ILV-UH-460V-4-110/1000-4	HT025X02NPW22	2708607		C-pump sold with a motor & continuous controls	0.51	104.1870375	551.1192933	10.39
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-460V-3-260/680-2	ILV-UH-460V-3-260/680-2	HT050X02NPW22	2708610		C-pump sold with a motor & continuous controls	0.53	216.5033355	693.3627782	7.95
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-460V-3-220/770-2	ILV-UH-460V-3-220/770-2	HT040X02NPW22	2708609		C-pump sold with a motor & continuous controls	0.5	184.0825255	599.0684286	7.32
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-460V-2-45/120-4	ILV-UH-460V-2-45/120-4	HT002X04NPW01	2708600		C-pump sold with a motor & continuous controls	0.58	43.08489068	123.780013	6.61
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-460V-2-40/180-4	ILV-UH-460V-2-40/180-4	TF001X04W01DOE	2708599		C-pump sold with a motor & continuous controls	0.6	30.54721662	122.4489796	6.1
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-460V-2-185/425-2	ILV-UH-460V-2-185/425-2	HT020X02NPW01	2708606		C-pump sold with a motor & continuous controls	0.54	166.1673721	284.318228	6.65
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-460V-2-130/320-2	ILV-UH-460V-2-130/320-2	HT010X02NPW01	2708604		C-pump sold with a motor & continuous controls	0.51	114.2375252	231.2918411	5.83
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-460V-2.5-320/500-2	ILV-UH-460V-2.5-320/500-2	HT050X02NPW22	2708610		C-pump sold with a motor & continuous controls	0.49	299.606053	445.3612841	8.46
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-460V-1.25-85/75-2	ILV-UH-460V-1.25-85/75-2	HT003X02NPW01	2708601		C-pump sold with a motor & continuous controls	0.62	85.13148861	81.30566931	4.8
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-230V-4-80/800-4	ILV-UH-230V-4-80/800-4	HT015X04NPW01	2708586		C-pump sold with a motor & continuous controls	0.53	75.39050644	486.1096498	9.13
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-230V-4-60/610-4	ILV-UH-230V-4-60/610-4	HT010X04NPW01	2707463		C-pump sold with a motor & continuous controls	0.51	54.76525967	572.1216665	7.91
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-230V-4-55/620-4	ILV-UH-230V-4-55/620-4	HT007X04NPW01	2707939		C-pump sold with a motor & continuous controls	0.52	42.86764896	522.9793971	7.24
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-230V-4-120/1000-4	ILV-UH-230V-4-120/1000-4	HT030X04NPW22	2708589		C-pump sold with a motor & continuous controls	0.52	111.0000274	581.5818809	10.71
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-230V-4-110/1000-4	ILV-UH-230V-4-110/1000-4	HT025X02NPW22	2708588		C-pump sold with a motor & continuous controls	0.51	104.1870375	551.1192933	10.39
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-575V-4-95/925-4	ILV-UH-575V-4-95/925-4	HT020X04NPW01	2708246		C-pump sold with a motor & continuous controls	0.52	90.58772459	515.4575461	9.8
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-575V-4-80/800-4	ILV-UH-575V-4-80/800-4	HT015X04NPW01	2708245		C-pump sold with a motor & continuous controls	0.53	75.39050644	486.1096498	9.13



Brand Name(s)	Equipment Family	Nominal Speed of Rotation in Revolutions per Minute (rpm)	Operating Mode	Basic Model Number	Individual Model Number Covered by Basic Model (Bare Pump)	Individual Model Number (Driver), If Applicable	Individual Model Number (Controls), If Applicable	Alternate Single Individual Model Number for Bare Pump with Driver or Bare Pump with Driver and Controls	Pump Configuration	Pump Energy Index (PEI) as Determined in Accordance with the Test Procedure in Section 431.464	Pump Total Head in Feet at Best Efficiency Point (BEP) and Nominal Speed as Determined in Accordance with the Test Procedure in Section 431.464	Volume per Unit Time (Flow Rate) in Gallons per Minute (gpm) at Best Efficiency Point (BEP) and Nominal Speed	Full Impeller Diameter in Inches (in.)
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-575V- 4- 60/610-4	ILV-UH-575V- 4- 60/610-4	HT010X04NPW01	2708244		C-pump sold with a motor & continuous controls	0.51	54.76525967	572.1216665	7.91
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-575V- 4- 55/620-4	ILV-UH-575V- 4- 55/620-4	HT007X04NPW01	2708243		C-pump sold with a motor & continuous controls	0.52	42.86764896	522.9793971	7.24
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-575V- 4- 40/365-4	ILV-UH-575V- 4- 40/365-4	HT005X04NPW01	2708223		C-pump sold with a motor & continuous controls	0.61	38.86909996	377.3742061	6.73
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-575V- 4- 190/1000- 2	ILV-UH-575V- 4- 190/1000- 2	HT050X02NPW22	2708250		C-pump sold with a motor & continuous controls	0.53	158.5336093	994.9446196	6.93
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-575V- 4- 120/1000- 4	ILV-UH-575V- 4- 120/1000- 4	HT030X04NPW22	2708248		C-pump sold with a motor & continuous controls	0.52	111.0000274	581.5818809	10.71
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-575V- 3- 290/810-2	ILV-UH-575V- 3- 290/810-2	HT060X02NPW22	2708252		C-pump sold with a motor & continuous controls	0.49	243.8847004	714.1739718	8.31
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-575V- 2- 45/120-4	ILV-UH-575V- 2- 45/120-4	HT002X04NPW01	2708203		C-pump sold with a motor & continuous controls	0.58	43.08489068	123.780013	6.61
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-575V- 2- 40/180-4	ILV-UH-575V- 2- 40/180-4	TF001X04W01DOE	2708203		C-pump sold with a motor & continuous controls	0.6	30.54721662	122.4489796	6.1
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-575V- 2- 110/280-2	ILV-UH-575V- 2- 110/280-2	HT007X02NPW01	2708243		C-pump sold with a motor & continuous controls	0.53	95.64882941	203.3556856	4.53
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-460V- 4- 95/925-4	ILV-UH-460V- 4- 95/925-4	HT020X04NPW01	2708606		C-pump sold with a motor & continuous controls	0.52	90.58772459	515.4575461	9.8
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-460V- 4- 80/800-4	ILV-UH-460V- 4- 80/800-4	HT015X04NPW01	2708605		C-pump sold with a motor & continuous controls	0.53	75.39050644	486.1096498	9.13
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-460V- 4- 40/365-4	ILV-UH-460V- 4- 40/365-4	HT005X04NPW01	2708602		C-pump sold with a motor & continuous controls	0.61	38.86909996	377.3742061	6.73
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-460V- 4- 190/1000- 2	ILV-UH-460V- 4- 190/1000- 2	HT050X02NPW22	2708610		C-pump sold with a motor & continuous controls	0.53	158.5336093	994.9446196	6.93
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-460V- 3- 290/810-2	ILV-UH-460V- 3- 290/810-2	HT060X02NPW22	2708611		C-pump sold with a motor & continuous controls	0.49	243.8847004	714.1739718	8.31
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-460V- 2- 170/380-2	ILV-UH-460V- 2- 170/380-2	HT015X02NPW01215T	2708605		C-pump sold with a motor & continuous controls	0.52	136.8717499	294.6404512	6.34
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-460V- 2- 110/280-2	ILV-UH-460V- 2- 110/280-2	HT007X02NPW01	2708603		C-pump sold with a motor & continuous controls	0.53	95.64882941	203.3556856	4.53
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-460V- 2.5- 275/450-2	ILV-UH-460V- 2.5- 275/450-2	HT040X02NPW22	2708609		C-pump sold with a motor & continuous controls	0.5	245.2107385	445.3612841	8.03
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-460V- 2.5- 225/410-2	ILV-UH-460V- 2.5- 225/410-2	HT030X02NPW22	2708608		C-pump sold with a motor & continuous controls	0.52	212.5650351	380.2977427	7.4
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-230V- 4- 95/925-4	ILV-UH-230V- 4- 95/925-4	HT020X04NPW01	2708587		C-pump sold with a motor & continuous controls	0.52	90.58772459	515.4575461	9.8
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-230V- 4- 40/365-4	ILV-UH-230V- 4- 40/365-4	HT005X04NPW01	2707431		C-pump sold with a motor & continuous controls	0.61	38.86909996	377.3742061	6.73
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-230V- 4- 210/1000- 2	ILV-UH-230V- 4- 210/1000- 2	HT060X02NPW22	2708592		C-pump sold with a motor & continuous controls	0.53	179.1167989	1053.798743	7.32
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-230V- 4- 190/1000- 2	ILV-UH-230V- 4- 190/1000- 2	HT050X02NPW22	2708591		C-pump sold with a motor & continuous controls	0.53	158.5336093	994.9446196	6.93
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-230V- 3- 290/810-2	ILV-UH-230V- 3- 290/810-2	HT060X02NPW22	2708592		C-pump sold with a motor & continuous controls	0.49	243.8847004	714.1739718	8.31
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-230V- 3- 260/680-2	ILV-UH-230V- 3- 260/680-2	HT050X02NPW22	2708591		C-pump sold with a motor & continuous controls	0.53	216.5033355	693.3627782	7.95
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-230V- 3- 220/770-2	ILV-UH-230V- 3- 220/770-2	HT040X02NPW22	2708590		C-pump sold with a motor & continuous controls	0.5	184.0825255	599.0684286	7.32
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-230V- 2- 45/120-4	ILV-UH-230V- 2- 45/120-4	HT002X04NPW01	2707443		C-pump sold with a motor & continuous controls	0.58	43.08489068	123.780013	6.61
Wilo-ILV-UH	In-line	1800	Variable Load	ILV-UH-230V- 2- 40/180-4	ILV-UH-230V- 2- 40/180-4	TF001X04W01DOE	2707908		C-pump sold with a motor & continuous controls	0.6	30.54721662	122.4489796	6.1
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-230V- 2- 185/425-2	ILV-UH-230V- 2- 185/425-2	HT020X02NPW01	2708587		C-pump sold with a motor & continuous controls	0.54	166.1673721	284.318228	6.65
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-230V- 2- 170/380-2	ILV-UH-230V- 2- 170/380-2	HT015X02NPW01215T	2708586		C-pump sold with a motor & continuous controls	0.52	136.8717499	294.6404512	6.34
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-230V- 2- 130/320-2	ILV-UH-230V- 2- 130/320-2	HT010X02NPW01	2707463		C-pump sold with a motor & continuous controls	0.51	114.2375252	231.2918411	5.83
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-230V- 2- 110/280-2	ILV-UH-230V- 2- 110/280-2	HT007X02NPW01	2707939		C-pump sold with a motor & continuous controls	0.53	95.64882941	203.3556856	4.53
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-230V- 2.5- 320/500-2	ILV-UH-230V- 2.5- 320/500-2	HT050X02NPW22	2708591		C-pump sold with a motor & continuous controls	0.49	299.606053	445.3612841	8.46
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-230V- 2.5- 275/450-2	ILV-UH-230V- 2.5- 275/450-2	HT040X02NPW22	2708590		C-pump sold with a motor & continuous controls	0.5	245.2107385	445.3612841	8.03
Wilo-ILV-UH	In-line	3600	Variable Load	ILV-UH-230V- 2.5- 225/410-2	ILV-UH-230V- 2.5- 225/410-2	HT030X02NPW22	2708589		C-pump sold with a motor	0.52	212.5650351	380.2977427	7.4

Brand Name(s)	Equipment Family	Nominal Speed of Rotation in Revolutions per Minute (rpm)	Operating Mode	Basic Model Number	Individual Model Number Covered by Basic Model (Bare Pump)	Individual Model Number (Driver), If Applicable	Individual Model Number (Controls), If Applicable	Alternate Single Individual Model Number for Bare Pump with Driver and Controls	Pump Configuration	Pump Energy Index (PEI) as Determined in Accordance with the Test Procedure in Section 431.464	Pump Total Head in Feet at Best Efficiency Point (BEP) and Nominal Speed as Determined in Accordance with the Test Procedure in Section 431.464	Volume per Unit Time (Flow Rate) in Gallons per Minute (gpm) at Best Efficiency Point (BEP) and Nominal Speed	Full Impeller Diameter in Inches (in.)
Wilo-ILV-UH	In-line	3600	Variable Load	225/410-2 ILV-UH-230V-1.25-85/75-2	ILV-UH-230V-1.25-85/75-2	HT003X02NPW01	2707920		& continuous controls C-pump sold with a motor & continuous controls	0.62	85.13148861	81.30566931	4.8

U.S. DOE Compliance Certification Database

Product Group: Pumps - General Pumps

Model number:

Brand Name(s)	Equipment Family	Nominal Speed of Rotation in Revolutions per Minute (rpm)	Operating Mode	Basic Model Number	Individual Model Number Covered by Basic Model (Bare Pump)	Individual Model Number (Driver), If Applicable	Individual Model Number (Controls), If Applicable	Alternate Single Individual Model Number for Bare Pump with Driver or Bare Pump with Driver and Controls	Pump Configuration	Pump Energy Index (PEI) as Determined in Accordance with the Test Procedure in Section 431.464	Pump Total Head in Feet at Best Efficiency Point (BEP) and Nominal Speed as Determined in Accordance with the Test Procedure in Section 431.464	Volume per Unit Time (Flow Rate) in Gallons per Minute (gpm) at Best Efficiency Point (BEP) and Nominal Speed	Full Impeller Diameter in Inches (in.)
Wilo IPL	In-line	3600	Constant Load	IPL 3 56/400-2	IPL 3 56/400-2	2701987			EM-pump sold with an electric motor (no controls)	0.91	34.28845714	270.1028571	4.06
Wilo IPL	In-line	3600	Constant Load	IPL 3 3600	IPL 3 3600				BP-bare pump	0.93	37.32204393	254.4386468	4.055
Wilo IPL	In-line	1800	Constant Load	IPL 3 26/360-4	IPL 3 26/360-4	2060466			EM-pump sold with an electric motor (no controls)	0.98	18.69413878	245.7257143	5.37
Wilo IPL	In-line	3600	Constant Load	IPL 2.5 65/270-2	IPL 2.5 65/270-2	2701987			EM-pump sold with an electric motor (no controls)	0.92	48.34873469	185.76	4.51
Wilo IPL	In-line	3600	Constant Load	IPL 2.5 50/260-2	IPL 2.5 50/260-2	2120186			EM-pump sold with an electric motor (no controls)	0.95	36.99683265	154.8	3.96
Wilo IPL	In-line	3600	Constant Load	IPL 2.5 3600	IPL 2.5 3600				BP-bare pump	1	48.37919431	189.6525437	4.508
Wilo IPL	In-line	1800	Constant Load	IPL 2 38/180-4	IPL 2 38/180-4	2060466			EM-pump sold with an electric motor (no controls)	0.97	39.32849203	151.4522293	6.1
Wilo IPL	In-line	3600	Constant Load	IPL 2 3600	IPL 2 3600				BP-bare pump	0.96	113.7354176	113.7354176	4.213
Wilo IPL	In-line	1800	Constant Load	IPL 2 1800	IPL 2 1800				BP-bare pump	0.97	31.99436515	137.1627039	6.102
Wilo IPL	In-line	3600	Constant Load	IPL 1.5 3600	IPL 1.5 3600				BP-bare pump	0.98	49.35207054	72.45612564	4.154
Wilo IPL	In-line	1800	Constant Load	IPL 1.5 1800	IPL 1.5 1800				BP-bare pump	0.94	33.4173468	83.1054	6.142

U.S. DOE Compliance Certification Database

Product Group: Pumps - General Pumps

Model number:

Brand Name(s)	Equipment Family	Nominal Speed of Rotation in Revolutions per Minute (rpm)	Operating Mode	Basic Model Number	Individual Model Number Covered by Basic Model (Bare Pump)	Individual Model Number (Driver), If Applicable	Individual Model Number (Controls), If Applicable	Alternate Single Individual Model Number for Bare Pump with Driver or Bare Pump with Driver and Controls	Pump Configuration	Pump Energy Index (PEI) as Determined in Procedure in Section 431.464	Pump Total Head in Feet at Best Efficiency Point (BEP) and Nominal Speed as Determined in Procedure in Section 431.464	Volume per Unit Time (Flow Rate) in Gallons per Minute (gpm) at Best Efficiency Point (BEP) and Nominal Speed	Full Impeller Diameter in Inches (in.)
Wilo NL	End suction frame mounted/own bearings	1800	Constant Load	NL 2 x 1-1/4 x 8B - 4	NL 2 x 1-1/4 x 8B - 4				BP-bare pump	0.81	74.36395102	80.60914286	8.43
Wilo NL	End suction frame mounted/own bearings	1800	Constant Load	NL 2 x 1-1/4 x 10 - 4	NL 2 x 1-1/4 x 10 - 4				BP-bare pump	0.9	93.12156735	52.07657143	10.04
Wilo NL	End suction frame mounted/own bearings	3600	Constant Load	NL5x4x8 - 2	NL5x4x8 - 2				BP-bare pump	0.97	246.9276735	1322.742857	8.39
Wilo NL	End suction frame mounted/own bearings	3600	Constant Load	NL4x3x8 - 2	NL4x3x8 - 2				BP-bare pump	0.97	286.8127347	918.4114286	8.43
Wilo NL	End suction frame mounted/own bearings	3600	Constant Load	NL4x3x6 - 2	NL4x3x6 - 2				BP-bare pump	0.95	186.7297959	863.5885714	6.89
Wilo NL	End suction frame mounted/own bearings	3600	Constant Load	NL3x2.5x5 - 2	NL3x2.5x5 - 2				BP-bare pump	0.94	108.7582041	524.88	4.56
Wilo NL	End suction frame mounted/own bearings	3600	Constant Load	NL2x1.25x8A - 2	NL2x1.25x8A - 2				BP-bare pump	0.77	305.115	77.4411	8.43
Wilo NL	End suction frame mounted/own bearings	3600	Constant Load	NL2x1.25x6B - 2	NL2x1.25x6B - 2				BP-bare pump	0.83	172.4473469	144	6.89
Wilo NL	End suction frame mounted/own bearings	3600	Constant Load	NL2.5x2x8 - 2	NL2.5x2x8 - 2				BP-bare pump	0.94	282.158	448.354	8.43
Wilo NL	End suction frame mounted/own bearings	3600	Constant Load	NL2.5x2x6 - 2	NL2.5x2x6 - 2				BP-bare pump	0.95	182.6037551	410.2971429	6.89
Wilo NL	End suction frame mounted/own bearings	3600	Constant Load	NL2.5x2x5 - 2	NL2.5x2x5 - 2				BP-bare pump	0.98	113.8364082	231.6342857	5.51
Wilo NL	End suction frame mounted/own bearings	3600	Constant Load	NL2.5x1.5x8 - 2	NL2.5x1.5x8 - 2				BP-bare pump	0.85	315.4834286	262.6971429	8.43
Wilo NL	End suction frame mounted/own bearings	3600	Constant Load	NL2.5x1.5x6 - 2	NL2.5x1.5x6 - 2				BP-bare pump	0.88	182.8153469	275.8628571	6.89
Wilo NL	End suction frame mounted/own bearings	1800	Constant Load	NL 8 x 6 x 16 - 4	NL 8 x 6 x 16 - 4				BP-bare pump	0.97	256.1319184	2115.771429	16.1
Wilo NL	End suction frame mounted/own bearings	1800	Constant Load	NL 8 x 6 x 10 - 4	NL 8 x 6 x 10 - 4				BP-bare pump	0.96	98.13629388	2229.942857	10.04
Wilo NL	End suction frame mounted/own bearings	1800	Constant Load	NL 6 x 5 x 12 - 4	NL 6 x 5 x 12 - 4				BP-bare pump	0.91	175.0922449	1207.542857	12.8
Wilo NL	End suction frame mounted/own bearings	1800	Constant Load	NL 6 x 5 x 10 - 4	NL 6 x 5 x 10 - 4				BP-bare pump	0.92	98.71817143	1213.714286	10.04
Wilo NL	End suction frame mounted/own bearings	1800	Constant Load	NL 5 x 4 x 16 - 4	NL 5 x 4 x 16 - 4				BP-bare pump	0.91	265.971	803.829	16.1
Wilo NL	End suction frame mounted/own bearings	1800	Constant Load	NL 5 x 4 x 12 - 4	NL 5 x 4 x 12 - 4				BP-bare pump	0.85	157.1069388	765.36	12.8
Wilo NL	End suction frame mounted/own bearings	1800	Constant Load	NL 4 x 3 x 12 - 4	NL 4 x 3 x 12 - 4				BP-bare pump	0.93	162.9257143	489.0857143	12.8
Wilo NL	End suction frame mounted/own bearings	1800	Constant Load	NL 4 x 3 x 10 - 4	NL 4 x 3 x 10 - 4				BP-bare pump	0.84	102.5268245	437.4514286	10.04
Wilo NL	End suction frame mounted/own bearings	1800	Constant Load	NL 3 x 2½ x 8 - 4	NL 3 x 2½ x 8 - 4				BP-bare pump	0.96	71.70847347	459.2571429	8.43
Wilo NL	End suction frame mounted/own bearings	1800	Constant Load	NL 3 x 2½ x 6 - 4	NL 3 x 2½ x 6 - 4				BP-bare pump	0.96	47.6928	283.0628571	6.89
Wilo NL	End suction frame mounted/own bearings	1800	Constant Load	NL 3 x 2½ x 12 - 4	NL 3 x 2½ x 12 - 4				BP-bare pump	0.93	162.9257143	489.0857143	12.8
Wilo NL	End suction frame mounted/own bearings	1800	Constant Load	NL 2½ x 2 x 12 - 4	NL 2½ x 2 x 12 - 4				BP-bare pump	0.78	174.986449	213.3257143	12.8
Wilo NL	End suction frame mounted/own bearings	1800	Constant Load	NL 2½ x 1½ x 12 - 4	NL 2½ x 1½ x 12 - 4				BP-bare pump	0.83	159.6460408	92.38628571	12.8
Wilo NL	End suction frame mounted/own bearings	1800	Constant Load	NL 2½ x 1½ x 10 - 4	NL 2½ x 1½ x 10 - 4				BP-bare pump	0.95	95.73472653	101.4377143	10.04
Wilo NL	End suction frame mounted/own bearings	1800	Constant Load	NL 2 x 1-1/4 x 6B - 4	NL 2 x 1-1/4 x 6B - 4				BP-bare pump	0.95	45.58746122	72.46285714	6.89
Wilo NL	End suction frame mounted/own bearings	3600	Constant Load	NL5x4x6 - 2	NL5x4x6 - 2				BP-bare pump	0.99	160.2808163	1600.457143	7.21
Wilo NL	End suction frame mounted/own bearings	3600	Constant Load	NL3x2.5x8 - 2	NL3x2.5x8 - 2				BP-bare pump	0.96	255.7087347	568.8	8.43
Wilo NL	End suction frame	3600	Constant Load	NL3x2.5x6 - 2	NL3x2.5x6 - 2				BP-bare pump	0.96	186.624	561.6	8.89

Brand Name(s)	Equipment Family	Nominal Speed of Rotation in Revolutions per Minute (rpm)	Operating Mode	Basic Model Number	Individual Model Number Covered by Basic Model (Bare Pump)	Individual Model Number (Driver), If Applicable	Individual Model Number (Controls), If Applicable	Alternate Single Individual Model Number for Bare Pump with Driver or Bare Pump with Driver and Controls	Pump Configuration	Pump Energy Index (PEI) as Determined in Accordance with the Test Procedure in Section 431.464	Pump Total Head in Feet at Best Efficiency Point (BEP) and Nominal Speed as Determined in Accordance with the Test Procedure in Section 431.464	Volume per Unit Time (Flow Rate) in Gallons per Minute (gpm) at Best Efficiency Point (BEP) and Nominal Speed	Full Impeller Diameter in Inches (in.)
Wilo NL	mounted/own bearings End suction frame mounted/own bearings	3600	Constant Load	NL2x1.25x8B - 2	NL2x1.25x8B - 2				BP-bare pump	0.81	301.0951837	153.0514286	8.45
Wilo NL	mounted/own bearings End suction frame mounted/own bearings	3600	Constant Load	NL2x1.25x5 - 2	NL2x1.25x5 - 2				BP-bare pump	0.91	114.5769796	87.86057143	5.51
Wilo NL	mounted/own bearings End suction frame mounted/own bearings	3600	Constant Load	NL2.5x1.5x5 - 2	NL2.5x1.5x5 - 2				BP-bare pump	0.92	116.9044898	136.8	5.51
Wilo NL	mounted/own bearings End suction frame mounted/own bearings	1800	Constant Load	NL 8 x 6 x 8 - 4	NL 8 x 6 x 8 - 4				BP-bare pump	0.94	62.38785306	2033.485714	8.43
Wilo NL	mounted/own bearings End suction frame mounted/own bearings	1800	Constant Load	NL 8 x 6 x 12 - 4	NL 8 x 6 x 12 - 4				BP-bare pump	0.97	167.5807347	2049.942857	12.8
Wilo NL	mounted/own bearings End suction frame mounted/own bearings	1800	Constant Load	NL 6 x 5 x 16 - 4	NL 6 x 5 x 16 - 4				BP-bare pump	0.98	261.316	1344.34	16.1
Wilo NL	mounted/own bearings End suction frame mounted/own bearings	1800	Constant Load	NL 5 x 4 x 8 - 4	NL 5 x 4 x 8 - 4				BP-bare pump	0.94	63.01204898	677.9314286	8.43
Wilo NL	mounted/own bearings End suction frame mounted/own bearings	1800	Constant Load	NL 5 x 4 x 10 - 4	NL 5 x 4 x 10 - 4				BP-bare pump	0.7	97.36398367	738.2057143	10.04
Wilo NL	mounted/own bearings End suction frame mounted/own bearings	1800	Constant Load	NL 5 x 3 x 16 - 4	NL 5 x 3 x 16 - 4				BP-bare pump	0.91	276.974	478.08	16.1
Wilo NL	mounted/own bearings End suction frame mounted/own bearings	1800	Constant Load	NL 4 x 3 x 8 - 4	NL 4 x 3 x 8 - 4				BP-bare pump	0.78	71.70847347	459.2571429	8.43
Wilo NL	mounted/own bearings End suction frame mounted/own bearings	1800	Constant Load	NL 4 x 3 x 6 - 4	NL 4 x 3 x 6 - 4				BP-bare pump	0.94	48.10540408	432	6.89
Wilo NL	mounted/own bearings End suction frame mounted/own bearings	1800	Constant Load	NL 3 x 2½ x 5 - 4	NL 3 x 2½ x 5 - 4				BP-bare pump	0.94	27.29534694	262.6971429	5.51
Wilo NL	mounted/own bearings End suction frame mounted/own bearings	1800	Constant Load	NL 3 x 2½ x 10 - 4	NL 3 x 2½ x 10 - 4				BP-bare pump	0.84	102.5268245	437.4514286	10.04
Wilo NL	mounted/own bearings End suction frame mounted/own bearings	1800	Constant Load	NL 2½ x 2 x 8 - 4	NL 2½ x 2 x 8 - 4				BP-bare pump	0.93	70.86210612	228.1371429	8.43
Wilo NL	mounted/own bearings End suction frame mounted/own bearings	1800	Constant Load	NL 2½ x 2 x 6 - 4	NL 2½ x 2 x 6 - 4				BP-bare pump	0.95	47.02628571	202.4228571	6.89
Wilo NL	mounted/own bearings End suction frame mounted/own bearings	1800	Constant Load	NL 2½ x 2 x 5 - 4	NL 2½ x 2 x 5 - 4				BP-bare pump	0.97	28.32156735	115.8171429	5.51
Wilo NL	mounted/own bearings End suction frame mounted/own bearings	1800	Constant Load	NL 2½ x 2 x 10 - 4	NL 2½ x 2 x 10 - 4				BP-bare pump	0.87	104.4523102	154.5942857	10.04
Wilo NL	mounted/own bearings End suction frame mounted/own bearings	1800	Constant Load	NL 2½ x 1½ x 8 - 4	NL 2½ x 1½ x 8 - 4				BP-bare pump	0.83	80.92329796	131.3485714	8.43
Wilo NL	mounted/own bearings End suction frame mounted/own bearings	1800	Constant Load	NL 2½ x 1½ x 6 - 4	NL 2½ x 1½ x 6 - 4				BP-bare pump	0.93	48.64496327	134.0228571	6.89

U.S. DOE Compliance Certification Database

Product Group: Pumps - General Pumps

Model number:

Brand Name(s)	Equipment Family	Nominal Speed of Rotation in Revolutions per Minute (rpm)	Operating Mode	Basic Model Number	Individual Model Number Covered by Basic Model (Bare Pump)	Individual Model Number (Driver), If Applicable	Individual Model Number (Controls), If Applicable	Alternate Single Individual Model Number for Bare Pump with Driver and Controls	Pump Configuration	Pump Energy Index (PEI) as Determined in Accordance with the Test Procedure in Section 431.464	Pump Total Head in Feet at Best Efficiency Point (BEP) and Nominal Speed as Determined in Accordance with the Test Procedure in Section 431.464	Volume per Unit Time (Flow Rate) in Gallons per Minute (gpm) at Best Efficiency Point (BEP) and Nominal Speed	Full Impeller Diameter in Inches (in.)
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 2.5x1.5x10-2	NL-HE 2.5x1.5x10-2				BP-bare pump	0.91	411.8129599	311.8705844	9.84252
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 2.5x1.5x10-4	NL-HE 2.5x1.5x10-4				BP-bare pump	0.9	103.9842996	150.2374587	9.842519685
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 2.5x1.5x12-4	NL-HE 2.5x1.5x12-4				BP-bare pump	0.91	177.4628545	193.869206	13.07086614
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 2.5x1.5x5-2	NL-HE 2.5x1.5x5-2				BP-bare pump	0.94	127.0603207	248.8084938	5.748031496
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 2.5x1.5x5-4	NL-HE 2.5x1.5x5-4				BP-bare pump	0.96	30.14109361	138.2393319	5.748031496
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 2.5x1.5x6-2	NL-HE 2.5x1.5x6-2				BP-bare pump	0.91	191.783261	265.7569345	6.88976378
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 2.5x1.5x6-4	NL-HE 2.5x1.5x6-4				BP-bare pump	0.95	46.05052685	148.6968278	6.88976378
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 2.5x1.5x8-2	NL-HE 2.5x1.5x8-2				BP-bare pump	0.85	281.8738327	277.6110868	8.188976378
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 2.5x1.5x8-4	NL-HE 2.5x1.5x8-4				BP-bare pump	0.88	70.53415416	139.8501228	8.228346457
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 2.5x2x10-2	NL-HE 2.5x2x10-2				BP-bare pump	0.89	413.9901922	460.4571724	9.996062992
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 2.5x2x10-4	NL-HE 2.5x2x10-4				BP-bare pump	0.93	104.0296892	223.8511887	9.996062992
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 2.5x2x12-4	NL-HE 2.5x2x12-4				BP-bare pump	0.93	174.4918175	287.0009082	12.91338583
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 2.5x2x5-2	NL-HE 2.5x2x5-2				BP-bare pump	0.9	112.6633994	402.2177748	5.551181102
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 2.5x2x5-4	NL-HE 2.5x2x5-4				BP-bare pump	0.95	27.35317903	229.7543624	5.669291339
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 2.5x2x6-2	NL-HE 2.5x2x6-2				BP-bare pump	0.94	189.1572276	406.3120509	7.047244094
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 2.5x2x6-4	NL-HE 2.5x2x6-4				BP-bare pump	0.89	41.26296198	225.089776	6.850393701
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 2.5x2x8-2	NL-HE 2.5x2x8-2				BP-bare pump	0.91	294.5174257	418.7155449	8.582677165
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 2.5x2x8-4	NL-HE 2.5x2x8-4				BP-bare pump	0.93	73.91803542	208.3902144	8.582677165
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 2x1.25x10-2	NL-HE 2x1.25x10-2				BP-bare pump	0.83	435.2832925	204.630352	10.23622047
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 2x1.25x10-4	NL-HE 2x1.25x10-4				BP-bare pump	0.9	105.3527926	98.21785298	10.15748031
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 2x1.25x5-2	NL-HE 2x1.25x5-2				BP-bare pump	0.95	128.3203903	161.277202	5.669291339
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 2x1.25x5-4	NL-HE 2x1.25x5-4				BP-bare pump	0.95	29.69516751	93.26699178	5.62992126
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 2x1.25x6-2	NL-HE 2x1.25x6-2				BP-bare pump	0.89	174.5758663	169.3594175	6.771653543
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 2x1.25x6-4	NL-HE 2x1.25x6-4				BP-bare pump	0.95	41.41342022	90.55274154	6.732283465
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 2x1.25x6.1-2	NL-HE 2x1.25x6.1-2				BP-bare pump	0.9	184.9592773	107.5257146	6.771653543
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 2x1.25x6.1-4	NL-HE 2x1.25x6.1-4				BP-bare pump	0.9	46.03109779	57.10038472	6.771653543
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 2x1.25x8-2	NL-HE 2x1.25x8-2				BP-bare pump	0.9	247.6990191	146.6650687	7.874015748
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 2x1.25x8-4	NL-HE 2x1.25x8-4				BP-bare pump	0.91	67.23256657	84.93987109	7.874015748
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 3x2.5x10-2	NL-HE 3x2.5x10-2				BP-bare pump	0.93	417.2448773	747.1784808	10.23622047
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 3x2.5x10-4	NL-HE 3x2.5x10-4				BP-bare pump	0.96	105.9971278	374.6582389	10.23622047

Brand Name(s)	Equipment Family	Nominal Speed of Rotation in Revolutions per Minute (rpm)	Operating Mode	Basic Model Number	Individual Model Number Covered by Basic Model (Bare Pump)	Individual Model Number (Driver), If Applicable	Individual Model Number (Controls), If Applicable	Alternate Single Individual Model Number for Bare Pump with Driver or Bare Pump with Driver and Controls	Pump Configuration	Pump Energy Index (PEI) as Determined in Accordance with the Test Procedure in Section 431.464	Pump Total Head in Feet at Best Efficiency Point (BEP) and Nominal Speed as Determined in Accordance with the Test Procedure in Section 431.464	Volume per Unit Time (Flow Rate) in Gallons per Minute (gpm) at Best Efficiency Point (BEP) and Nominal Speed	Full Impeller Diameter in Inches (in.)
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 3x2.5x12-4	NL-HE 3x2.5x12-4				BP-bare pump	0.94	184.3229903	431.525399	12.99212598
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 3x2.5x5-2	NL-HE 3x2.5x5-2				BP-bare pump	0.94	105.5480951	671.0801281	5.590551181
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 3x2.5x5-4	NL-HE 3x2.5x5-4				BP-bare pump	0.94	27.17166925	350.5320726	5.590551181
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 3x2.5x6-2	NL-HE 3x2.5x6-2				BP-bare pump	0.95	191.1533345	606.4374645	7.125984252
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 3x2.5x6-4	NL-HE 3x2.5x6-4				BP-bare pump	0.98	45.334387	325.7224375	7.125984252
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 3x2.5x8-2	NL-HE 3x2.5x8-2				BP-bare pump	0.92	312.354147	821.0372183	8.74015748
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 3x2.5x8-4	NL-HE 3x2.5x8-4				BP-bare pump	0.93	73.64731606	357.6327504	8.582677165
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 4x3x10-2	NL-HE 4x3x10-2				BP-bare pump	0.95	439.9951263	1120.400689	10.43307087
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 4x3x10-4	NL-HE 4x3x10-4				BP-bare pump	0.93	116.6084013	560.6281044	10.7480315
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 4x3x12-4	NL-HE 4x3x12-4				BP-bare pump	0.93	193.1081142	729.8027194	13.47637795
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 4x3x16-4	NL-HE 4x3x16-4				BP-bare pump	0.96	293.8308556	774.1167961	16.76377953
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 4x3x6-2	NL-HE 4x3x6-2				BP-bare pump	0.93	172.1742345	1062.151274	7.125984252
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 4x3x6-4	NL-HE 4x3x6-4				BP-bare pump	0.95	42.74927377	532.1531121	7.086614173
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 4x3x8-2	NL-HE 4x3x8-2				BP-bare pump	0.92	312.889693	1143.104945	8.897637795
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 4x3x8-4	NL-HE 4x3x8-4				BP-bare pump	0.95	78.89562632	562.7761076	8.897637795
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 5x4x10-4	NL-HE 5x4x10-4				BP-bare pump	0.94	122.6063138	940.6558683	10.98425197
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 5x4x12-4	NL-HE 5x4x12-4				BP-bare pump	0.94	178.4729087	1109.258681	13.42519685
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 5x4x16-4	NL-HE 5x4x16-4				BP-bare pump	0.96	280.3264191	1205.095124	16.41732283
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 5x4x6-2	NL-HE 5x4x6-2				BP-bare pump	0.93	141.6189825	1491.799712	7.047244094
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 5x4x6-4	NL-HE 5x4x6-4				BP-bare pump	0.95	37.08250761	736.0300767	7.086614173
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 5x4x8-2	NL-HE 5x4x8-2				BP-bare pump	0.91	298.7352096	1768.9257	8.818897638
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 5x4x8-4	NL-HE 5x4x8-4				BP-bare pump	0.91	62.4084725	1068.871907	8.582677165
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 6x5x10-4	NL-HE 6x5x10-4				BP-bare pump	0.94	110.8248852	1356.215346	10.70866142
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 6x5x12-4	NL-HE 6x5x12-4				BP-bare pump	0.95	188.0402071	1589.429582	13.62204724
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 6x5x16-4	NL-HE 6x5x16-4				BP-bare pump	0.92	305.6601943	1947	17.08661417
Wilo NL-HE	End suction frame mounted/own bearings	3600	Constant Load	NL-HE 6x5x8-2	NL-HE 6x5x8-2				BP-bare pump	0.94	225.9054278	2526.814963	8.503937008
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 6x5x8-4	NL-HE 6x5x8-4				BP-bare pump	0.95	69.68486594	1356.380597	9.015748031
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 8x6x10-4	NL-HE 8x6x10-4				BP-bare pump	0.96	91.41462754	2095.641647	10.62992126
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 8x6x12-4	NL-HE 8x6x12-4				BP-bare pump	0.94	164.6728734	2316.703106	13.34645669
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 8x6x16-4	NL-HE 8x6x16-4				BP-bare pump	0.96	243.9137413	2590.740881	15.7480315
Wilo NL-HE	End suction frame mounted/own bearings	1800	Constant Load	NL-HE 8x6x8-4	NL-HE 8x6x8-4				BP-bare pump	0.95	61.72819624	1962.161606	8.976377953

**U.S. DOE Compliance Certification Database**

**Product Group:** Pumps - General Pumps

**Model number:**

Brand Name(s)	Equipment Family	Nominal Speed of Rotation in Revolutions per Minute (rpm)	Operating Mode	Basic Model Number	Individual Model Number Covered by Basic Model (Bare Pump)	Individual Model Number (Driver), If Applicable	Individual Model Number (Controls), If Applicable	Alternate Single Individual Model Number for Bare Pump with Driver or Bare Pump with Driver and Controls	Pump Configuration	Pump Energy Index (PEI) as Determined in Accordance with the Test Procedure in Section 431.464	Pump Total Head in Feet at Best Efficiency Point (BEP) and Nominal Speed as Determined in Accordance with the Test Procedure in Section 431.464	Volume per Unit Time (Flow Rate) in Gallons per Minute (gpm) at Best Efficiency Point (BEP) and Nominal Speed	Full Impeller Diameter in Inches (in.)
Wilo-SPI	Submersible turbine	3600	Constant Load	SPI 6.90	SPI 6.90				BP-bare pump	0.75	383.47	78.1	3.5
Wilo-SPI	Submersible turbine	3600	Constant Load	SPI 6.50	SPI 6.50				BP-bare pump	0.78	305.55	65	3.5
Wilo-SPI	Submersible turbine	3600	Constant Load	SPI 6.300	SPI 6.300				BP-bare pump	0.87	352.93	320	4.11
Wilo-SPI	Submersible turbine	3600	Constant Load	SPI 6.230	SPI 6.230				BP-bare pump	0.88	370.47	240	4.11
Wilo-SPI	Submersible turbine	3600	Constant Load	SPI 6.150	SPI 6.150				BP-bare pump	0.79	350.8	141.5	3.69



U.S. DOE Compliance Certification Database

Product Group: Pumps - General Pumps

Model number:

Brand Name(s)	Equipment Family	Nominal Speed of Rotation in Revolutions per Minute (rpm)	Operating Mode	Basic Model Number	Individual Model Number Covered by Basic Model (Bare Pump)	Individual Model Number (Driver), If Applicable	Individual Model Number (Controls), If Applicable	Alternate Single Individual Model Number for Bare Pump with Driver or Bare Pump with Driver and Controls	Pump Configuration	Pump Energy Index (PEI) as Determined in Accordance with the Test Procedure in Section 431.464	Pump Total Head in Feet at Best Efficiency Point (BEP) and Nominal Speed as Determined in Accordance with the Test Procedure in Section 431.464	Volume per Unit Time (Flow Rate) in Gallons per Minute (gpm) at Best Efficiency Point (BEP) and Nominal Speed	Full Impeller Diameter in Inches (in.)
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 80-07-10.1HP	Helix EXCEL 80-07	4189282	4173379		C-pump sold with a motor & continuous controls	0.46	302.5	88.06	3.948818898
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 80-06-8.7HP	Helix EXCEL 80-06	4189282	4173379		C-pump sold with a motor & continuous controls	0.47	260.2	88.06	3.948818898
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 80-05-7.4HP	Helix EXCEL 80-05	4193488	4173379		C-pump sold with a motor & continuous controls	0.49	218.6	88.06	3.948818898
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 80-04-5.7HP	Helix EXCEL 80-04	4189281	4173321		C-pump sold with a motor & continuous controls	0.51	163.8	88.06	3.949
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 80-03-4.3HP	Helix EXCEL 80-03	4164798	4173321		C-pump sold with a motor & continuous controls	0.57	123.7	88.06	3.949
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 80-02-3HP	Helix EXCEL 80-02	4164797	4173320		C-pump sold with a motor & continuous controls	0.67	80.65	88.06	3.949
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 50-12-10.1HP	Helix EXCEL 50-12	4189282	4173379		C-pump sold with a motor & continuous controls	0.45	458.3	52.83	3.445
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 50-10-8.7HP	Helix EXCEL 50-10	4189282	4173379		C-pump sold with a motor & continuous controls	0.46	392.2	52.83	3.445
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 50-09-7.4HP	Helix EXCEL 50-09	4193488	4173379		C-pump sold with a motor & continuous controls	0.47	333.9	52.83	3.445
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 50-07-5.7HP	Helix EXCEL 50-07	4189281	4173321		C-pump sold with a motor & continuous controls	0.48	258.3	52.83	3.445
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 50-05-4.3HP	Helix EXCEL 50-05	4164798	4173321		C-pump sold with a motor & continuous controls	0.54	194.4	52.83	3.445
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 50-04-3HP	Helix EXCEL 50-04	4164797	4173320		C-pump sold with a motor & continuous controls	0.61	135.5	52.83	3.445
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 50-02-1.5HP	Helix EXCEL 50-02	4187908	4173320		C-pump sold with a motor & continuous controls	0.84	65.04	52.83	3.445
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 30-13-7.4HP	Helix EXCEL 30-13	4193488	4173397		C-pump sold with a motor & continuous controls	0.46	439.6	31.7	3.189
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 30-11-5.7HP	Helix EXCEL 30-11	4189281	4173321		C-pump sold with a motor & continuous controls	0.47	376.4	31.7	3.189
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 30-09-4.3HP	Helix EXCEL 30-09	4164798	4173321		C-pump sold with a motor & continuous controls	0.53	287.3	31.7	3.189
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 30-06-3HP	Helix EXCEL 30-06	4164797	4173320		C-pump sold with a motor & continuous controls	0.62	197.8	31.7	3.189
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 30-03-1.5HP	Helix EXCEL 30-03	4187908	4173320		C-pump sold with a motor & continuous controls	0.94	90.44	31.7	3.189
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 270-02-10.1HP	Helix EXCEL 270-02	4189282	4173379		C-pump sold with a motor & continuous controls	0.45	135.6	198.1	5.181102362
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 270-01-5.7HP	Helix EXCEL 270-01	4189281	4173321		C-pump sold with a motor & continuous controls	0.5	70.36	198.1	5.181102362

Brand Name(s)	Equipment Family	Nominal Speed of Rotation in Revolutions per Minute (rpm)	Operating Mode	Basic Model Number	Individual Model Number Covered by Basic Model (Bare Pump)	Individual Model Number (Driver), If Applicable	Individual Model Number (Controls), If Applicable	Alternate Single Individual Model Number for Bare Pump with Driver or Bare Pump with Driver and Controls	Pump Configuration	Pump Energy Index (PEI) as Determined in Accordance with the Test Procedure in Section 431.464	Pump Total Head in Feet at Best Efficiency Point (BEP) and Nominal Speed as Determined in Accordance with the Test Procedure in Section 431.464	Volume per Unit Time (Flow Rate) in Gallons per Minute (gpm) at Best Efficiency Point (BEP) and Nominal Speed	Full Impeller Diameter in Inches (in.)
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 190-02-7.4HP	Helix EXCEL 190-02	4193488	4173379		C-pump sold with a motor & continuous controls	0.46	127	154.1	5.188976378
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 190-02-10.1HP	Helix EXCEL 190-02	4189282	4173379		C-pump sold with a motor & continuous controls	0.45	165.6	154.1	5.188976378
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 190-01-4.3HP	Helix EXCEL 190-01	4164798	4173321		C-pump sold with a motor & continuous controls	0.54	73.29	136.5	5.188976378
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 110-04-10.1HP	Helix EXCEL 110-04	4189282	4173379		C-pump sold with a motor & continuous controls	0.44	249.7	101.3	4.503937008
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 110-03-8.7HP	Helix EXCEL 110-03	4189282	4173379		C-pump sold with a motor & continuous controls	0.46	187.3	123.3	4.503937008
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 110-03-7.4HP	Helix EXCEL 110-03	4193488	4173379		C-pump sold with a motor & continuous controls	0.46	182.6	101.3	4.503937008
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 110-03-5.7HP	Helix EXCEL 110-03	4189281	4173321		C-pump sold with a motor & continuous controls	0.42	156.1	101.3	4.503937008
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 110-02-4.3HP	Helix EXCEL 110-02	4164798	4173321		C-pump sold with a motor & continuous controls	0.58	93.76	114.5	4.503937008
Wilo Helix EXCEL	Radially split, multi-stage, vertical, in-line casing diffuser	3600	Variable Load	Helix EXCEL 110-01-3HP	Helix EXCEL 110-01	4164797	4173320		C-pump sold with a motor & continuous controls	0.67	62.24	101.3	4.503937008

**U.S. DOE Compliance Certification Database**

**Product Group:** Pumps - General Pumps

**Model number:**

Brand Name(s)	Equipment Family	Nominal Speed of Rotation in Revolutions per Minute (rpm)	Operating Mode	Basic Model Number	Individual Model Number Covered by Basic Model (Bare Pump)	Individual Model Number (Driver), If Applicable	Individual Model Number (Controls), If Applicable	Alternate Single Individual Model Number for Bare Pump with Driver or Bare Pump with Driver and Controls	Pump Configuration	Pump Energy Index (PEI) as Determined in Accordance with the Test Procedure in Section 431.464	Pump Total Head in Feet at Best Efficiency Point (BEP) and Nominal Speed as Determined in Accordance with the Test Procedure in Section 431.464	Volume per Unit Time (Flow Rate) in Gallons per Minute (gpm) at Best Efficiency Point (BEP) and Nominal Speed	Full Impeller Diameter in Inches (in.)
Wilo-TWI	Submersible turbine	3600	Constant Load	TW1 4.40	TW1 4.40				BP-bare pump	0.99	192.867448	45.49565217	3.543
Wilo-TWI	Submersible turbine	3600	Constant Load	TW1 4.25	TW1 4.25				BP-bare pump	0.86	198.8343289	26.25391304	3.543
Wilo-TWI	Submersible turbine	3600	Constant Load	TW1 4.70	TW1 4.70				BP-bare pump	0.94	300.1406427	76.74782609	3.543

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Product Group: Pumps - General Pumps

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Brand Name(s)	Equipment Family	Nominal Speed of Rotation in Revolutions per Minute (rpm)	Operating Mode	Basic Model Number	Individual Model Number Covered by Basic Model (Bare Pump)	Individual Model Number (Driver), If Applicable	Individual Model Number (Controls), If Applicable	Alternate Single Individual Model Number for Bare Pump with Driver or Bare Pump with Driver and Controls	Pump Configuration	Pump Energy Index (PEI) as Determined in Accordance with the Test Procedure in Section 431.464	Pump Total Head in Feet at Best Efficiency Point (BEP) and Nominal Speed as Determined in Accordance with the Test Procedure in Section 431.464	Volume per Unit Time (Flow Rate) in Gallons per Minute (gpm) at Best Efficiency Point (BEP) and Nominal Speed	Full Impeller Diameter in Inches (in.)
Wilo-TWU	Submersible turbine	3600	Constant Load	TWU 6.75	TWU 6.75				BP-bare pump	0.86	603.8635917	58.33043478	3.503
Wilo-TWU	Submersible turbine	3600	Constant Load	TWU 6.50	TWU 6.50				BP-bare pump	0.87	511.082949	53.86434783	3.503
Wilo-TWU	Submersible turbine	3600	Constant Load	TWU 4.80	TWU 4.80				BP-bare pump	1	173.4641966	86.89043478	3.543
Wilo-TWU	Submersible turbine	3600	Constant Load	TWU 4.55	TWU 4.55				BP-bare pump	0.95	171.6784877	53.80173913	3.543
Wilo-TWU	Submersible turbine	3600	Constant Load	TWU 4.35	TWU 4.35				BP-bare pump	0.81	196.2973157	34.89391304	3.543
Wilo-TWU	Submersible turbine	3600	Constant Load	TWU 4.25	TWU 4.25				BP-bare pump	0.8	236.9113043	21.78782609	3.543