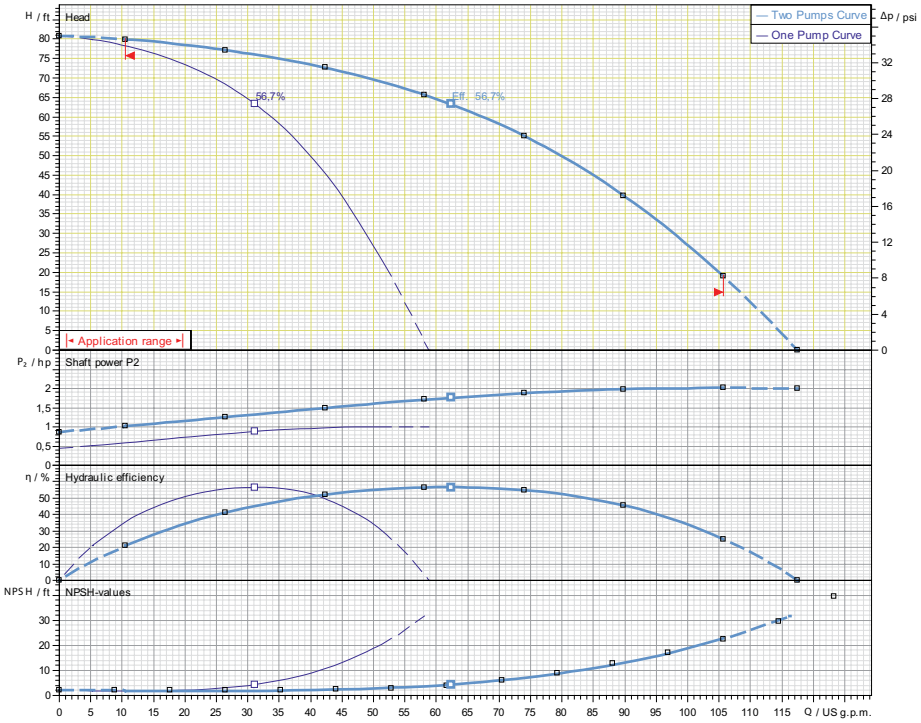
Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-02-1/1/VCE

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

Tag #	Model #	Flow	BOOST PSI	Min. Inlet PSI	HP/Pump	Phase	Voltage	RPM
	CO-2 HELIX V30-02-1/1/VCE				1			3600



Applications

- Water Supply
- Pressure Boosting
- Agriculture
- Cooling Circuits
- Washing / Sprinkling Systems
- Condensate Return

Materials of Construction

Pump Volute	AISI304 stainless steel with ANSI flanges
Impeller	3D Laser welded AISI 304 Stainless Steel
Shaft	AISI304, AISI318 LN, or AISI431 Stainless Steel
Elastomers	EPDM
Isolation Valves	304 Stainless Steel Ball Valves
Check Valves	316 Stainless Steel, Non-slam, Plunger-type with EPDM seal
Mechanical Seal	Cartridge Seal: Sleeve AISI316L / Spring Clips AISI304
Pressure Transducers	316 Stainless Steel
Pressure Guages	304 Stainless Steel Housing with 316 Stainless Steel wetted parts
System base	Steel (S235JR)
Vibration Isolators	Neoprene, Height Adjustable

Technical Data – Operational Ranges

Liquid Temp Range	-4°F to +248°F (Min. 32 °F for Domestic Water)
Ambient Temp Range	+32°F to +104 °F
Max Inlet Pressure	145 PSI
Max System Pressure	232 PSI

Technical Data – Panel

Power Supply	208-230/460~3 or 575~3
Enclosure	NEMA 12 (3R Availible Upon Request)
Standard	Meets UL 508A
Variable Frequency Drives	Danfoss FC-51 (1-10 HP for 208-23/460v~3) Danfoss FC-101 (1-10 HP for 575v~3)

Technical Data – PLC

User Interface	7" Diagonal Color LCD Touchscreen
Display Resolution	800 x 480 Pixels
Supply Voltage	24VDC
Max. Current Consumption	320mA@24V
Number of Analog Inputs	9
Number of Analog Outputs	2
Number of Digital Inputs	18
Number of Digital Outputs	17
Onboard Communications	Modbus Protocol (Optional Gateways for BacNET, LonWorks, and CANbus)
Ethernet Port	RJ45 port capable of transmitting data 10/100Mbps
Additional Ports	2.0 USB Port; Micro-SD Port

Motor Data

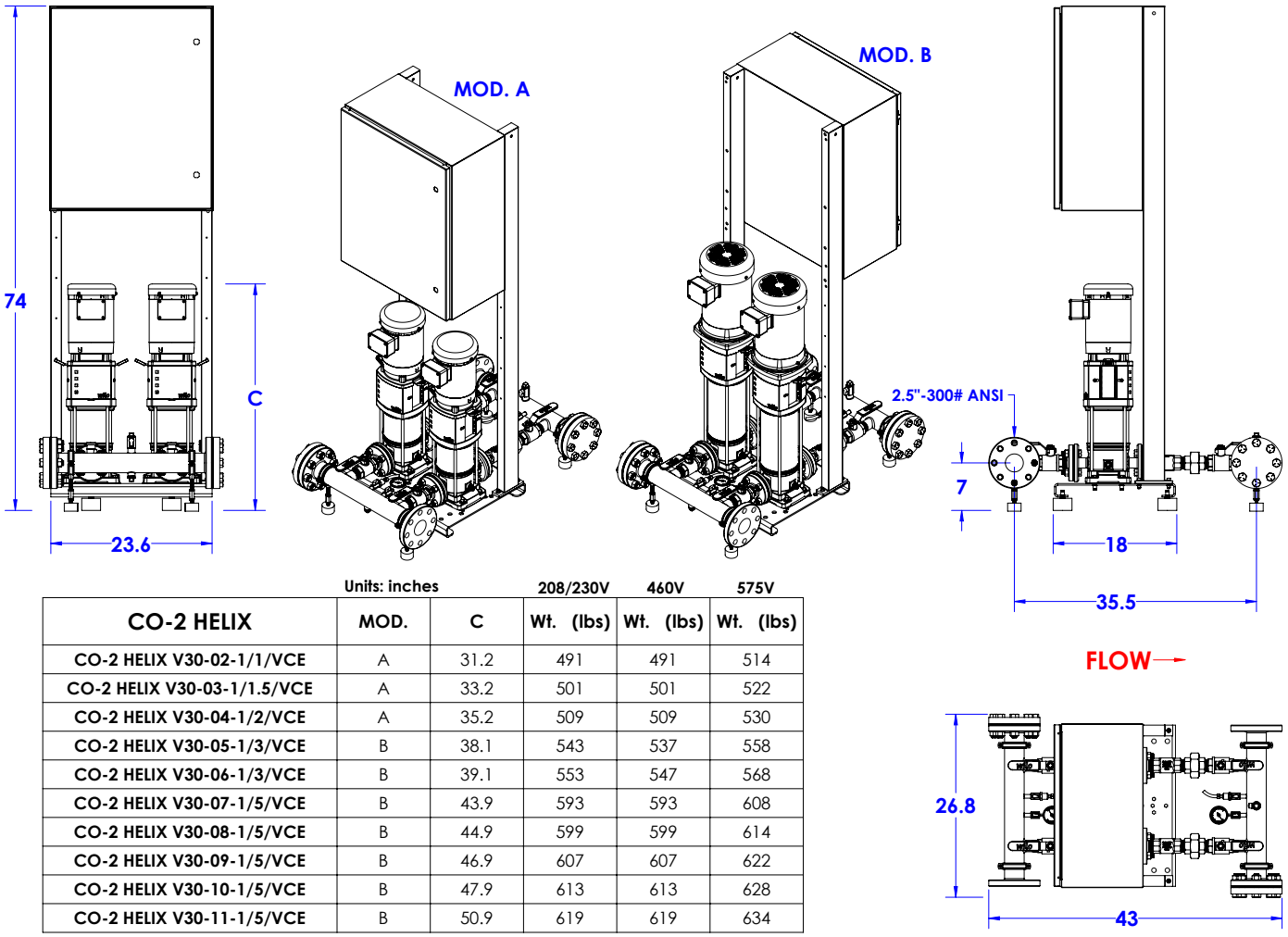
Power Supply	208-230~3 or 460~3 or 575~3
Motor Enclosure	Totally Enclosed Fan Cooled (TEFC)
Motor Efficiency	Nema Premium Efficiency (IE3) - Meets NEMA 12-12 Rule
Enclosure Construction	Rolled Steel / Cast Iron
Motor Protection Index	IP54
Insulation Class	F

Approval Stamp

Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-02-1/1/VCE



	Units: inches		208/230V	460V	575V
CO-2 HELIX	**MOD.**	**C**	**Wt. (lbs)**	**Wt. (lbs)**	**Wt. (lbs)**
CO-2 HELIX V30-02-1/1/VCE	A	31.2	491	491	514
CO-2 HELIX V30-03-1/1.5/VCE	A	33.2	501	501	522
CO-2 HELIX V30-04-1/2/VCE	A	35.2	509	509	530
CO-2 HELIX V30-05-1/3/VCE	B	38.1	543	537	558
CO-2 HELIX V30-06-1/3/VCE	B	39.1	553	547	568
CO-2 HELIX V30-07-1/5/VCE	B	43.9	593	593	608
CO-2 HELIX V30-08-1/5/VCE	B	44.9	599	599	614
CO-2 HELIX V30-09-1/5/VCE	B	46.9	607	607	622
CO-2 HELIX V30-10-1/5/VCE	B	47.9	613	613	628
CO-2 HELIX V30-11-1/5/VCE	B	50.9	619	619	634

Special Note: All weights and dimensions are approximate and should not be used as exact rough-in dimensions

TEFC Motor Data						Dimensions				
	P2	Phase	Voltage	FLA (per pump)	Pmax	Dimensions-inches				Individual Pump Weight
Model	**(HP)**	**(~)**	**(V)**	**(A)**	**(PSI)**	**Suction / Discharge Pump Size (300 Class ANSI)**	**Gauge Tap Size**	**Transducer Tap Size**	**Hydronumatic Tank Valve on Manifold (Plugged)**	**Pump Weight (lbs)**
CO-2 HELIX V30-02-1/1/VCE	1	3	208-230/460/575	3-2.8/1.4/1.1	232	1-1/4"	1/4" FNPT	1/4" FNPT	3/4" MNPT x 3/4" FNPT	70

WILO USA LLC +1 262 204-6600
www.wilo-usa.com
info@wilo-usa.com

WILO Canada Inc. +1 403 276-9456
www.wilo-canada.com
info@wilo-canada.com

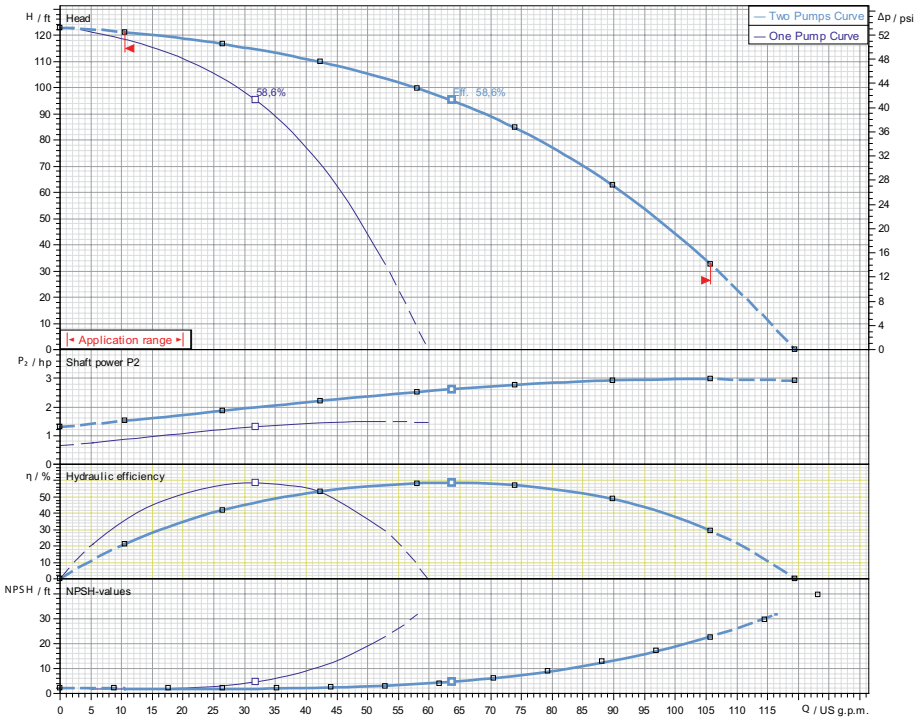
Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-03-1/1.5/VCE

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

Tag #	Model #	Flow	BOOST PSI	Min. Inlet PSI	HP/Pump	Phase	Voltage	RPM
	CO-2 HELIX V30-03-1/1.5/VCE				1.5			3600



Applications

- Water Supply
- Pressure Boosting
- Agriculture
- Cooling Circuits
- Washing / Sprinkling Systems
- Condensate Return

Materials of Construction

Pump Volute	AISI304 stainless steel with ANSI flanges
Impeller	3D Laser welded AISI 304 Stainless Steel
Shaft	AISI304, AISI318 LN, or AISI431 Stainless Steel
Elastomers	EPDM
Isolation Valves	304 Stainless Steel Ball Valves
Check Valves	316 Stainless Steel, Non-slam, Plunger-type with EPDM seal
Mechanical Seal	Cartridge Seal: Sleeve AISI316L / Spring Clips AISI304
Pressure Transducers	316 Stainless Steel
Pressure Guages	304 Stainless Steel Housing with 316 Stainless Steel wetted parts
System base	Steel (S235JR)
Vibration Isolators	Neoprene, Height Adjustable

Technical Data – Operational Ranges

Liquid Temp Range	-4°F to +248°F (Min. 32 °F for Domestic Water)
Ambient Temp Range	+32°F to +104 °F
Max Inlet Pressure	145 PSI
Max System Pressure	232 PSI

Technical Data – Panel

Power Supply	208-230/460~3 or 575~3
Enclosure	NEMA 12 (3R Availible Upon Request)
Standard	Meets UL 508A
Variable Frequency Drives	Danfoss FC-51 (1-10 HP for 208-23/460v~3) Danfoss FC-101 (1-10 HP for 575v~3)

Technical Data – PLC

User Interface	7" Diagonal Color LCD Touchscreen
Display Resolution	800 x 480 Pixels
Supply Voltage	24VDC
Max. Current Consumption	320mA@24V
Number of Analog Inputs	9
Number of Analog Outputs	2
Number of Digital Inputs	18
Number of Digital Outputs	17
Onboard Communications	Modbus Protocol (Optional Gateways for BacNET, LonWorks, and CANbus)
Ethernet Port	RJ45 port capable of transmitting data 10/100Mbps
Additional Ports	2.0 USB Port; Micro-SD Port

Motor Data

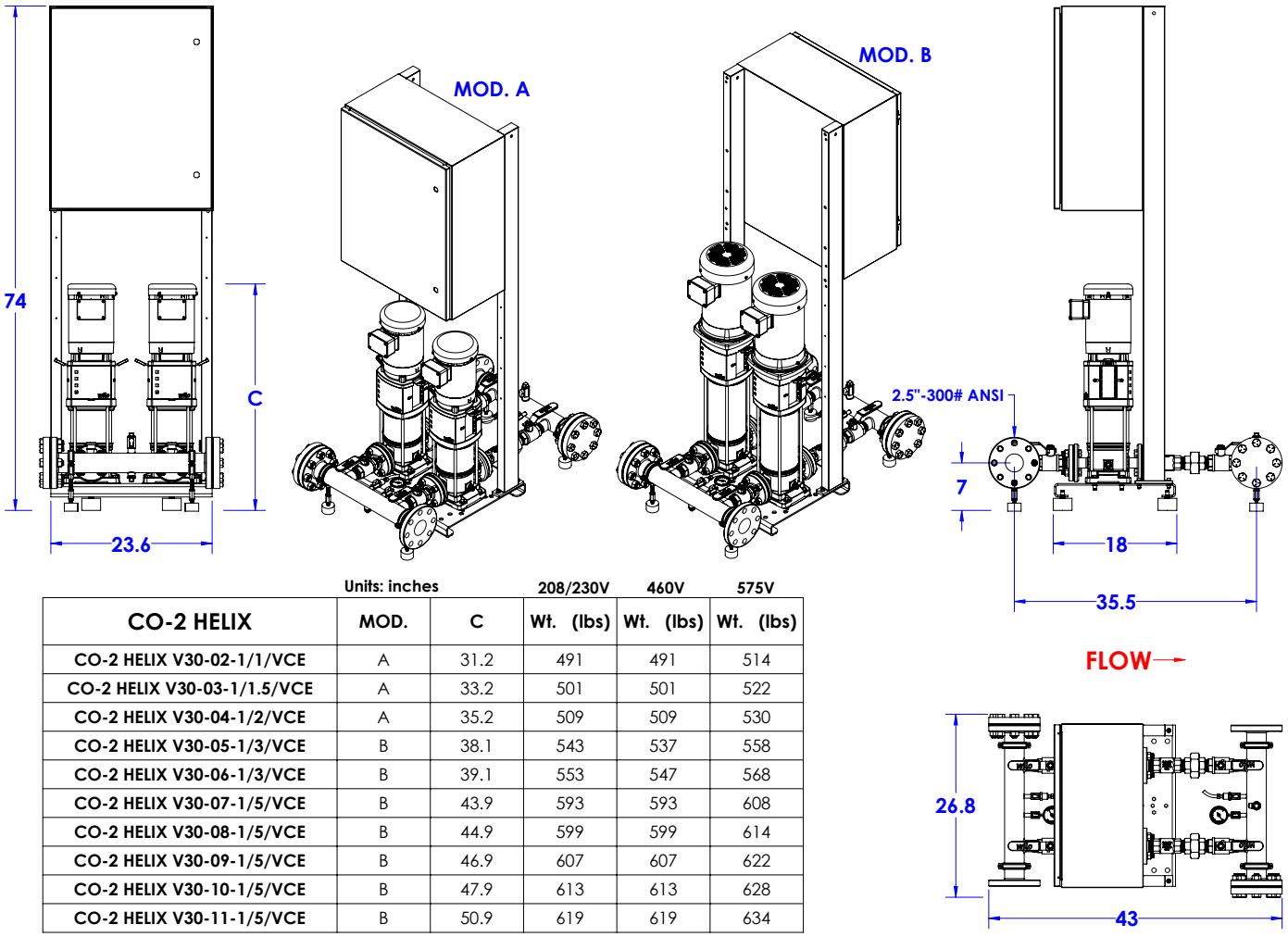
Power Supply	208-230~3 or 460~3 or 575~3
Motor Enclosure	Totally Enclosed Fan Cooled (TEFC)
Motor Efficiency	Nema Premium Efficiency (IE3) - Meets NEMA 12-12 Rule
Enclosure Construction	Rolled Steel / Cast Iron
Motor Protection Index	IP54
Insulation Class	F

Approval Stamp

Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-03-1/1.5/VCE



	Units: inches		208/230V	460V	575V
CO-2 HELIX	**MOD.**	**C**	**Wt. (lbs)**	**Wt. (lbs)**	**Wt. (lbs)**
CO-2 HELIX V30-02-1/1/VCE	A	31.2	491	491	514
CO-2 HELIX V30-03-1/1.5/VCE	A	33.2	501	501	522
CO-2 HELIX V30-04-1/2/VCE	A	35.2	509	509	530
CO-2 HELIX V30-05-1/3/VCE	B	38.1	543	537	558
CO-2 HELIX V30-06-1/3/VCE	B	39.1	553	547	568
CO-2 HELIX V30-07-1/5/VCE	B	43.9	593	593	608
CO-2 HELIX V30-08-1/5/VCE	B	44.9	599	599	614
CO-2 HELIX V30-09-1/5/VCE	B	46.9	607	607	622
CO-2 HELIX V30-10-1/5/VCE	B	47.9	613	613	628
CO-2 HELIX V30-11-1/5/VCE	B	50.9	619	619	634

Special Note: All weights and dimensions are approximate and should not be used as exact rough-in dimensions

TEFC Motor Data						Dimensions				
	P2	Phase	Voltage	FLA (per pump)	Pmax	Dimensions-inches				Individual Pump Weight
Model	**(HP)**	**(~)**	**(V)**	**(A)**	**(PSI)**	**Suction / Discharge Pump Size (300 Class ANSI)**	**Gauge Tap Size**	**Transducer Tap Size**	**Hydronumatic Tank Valve on Manifold (Plugged)**	**Pump Weight (lbs)**
CO-2 HELIX V30-03-1/1.5/VCE	1.5	3	208-230/460/575	4-3.8/1.9/1.5	232	1-1/4"	1/4" FNPT	1/4" FNPT	3/4" MNPT x 3/4" FNPT	85

WILO USA LLC +1 262 204-6600
www.wilo-usa.com
info@wilo-usa.com

WILO Canada Inc. +1 403 276-9456
www.wilo-canada.com
info@wilo-canada.com

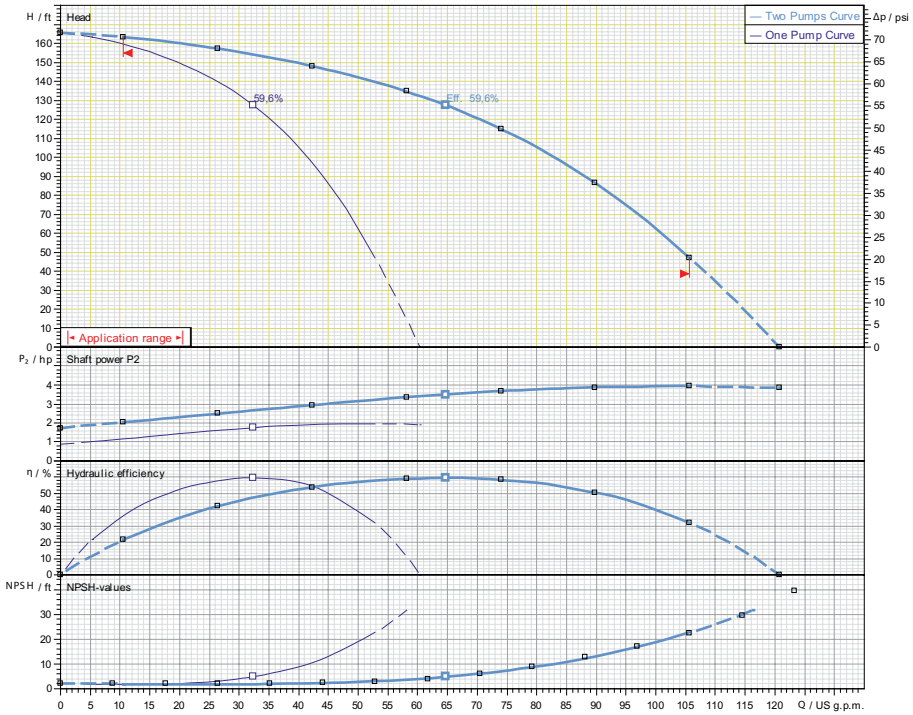
Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-04-1/2/VCE

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

Tag #	Model #	Flow	BOOST PSI	Min. Inlet PSI	HP/Pump	Phase	Voltage	RPM
	CO-2 HELIX V30-04-1/2/VCE				2			3600



Applications

- Water Supply
- Pressure Boosting
- Agriculture
- Cooling Circuits
- Washing / Sprinkling Systems
- Condensate Return

Materials of Construction

Pump Volute	AISI304 stainless steel with ANSI flanges
Impeller	3D Laser welded AISI 304 Stainless Steel
Shaft	AISI304, AISI318 LN, or AISI431 Stainless Steel
Elastomers	EPDM
Isolation Valves	304 Stainless Steel Ball Valves
Check Valves	316 Stainless Steel, Non-slam, Plunger-type with EPDM seal
Mechanical Seal	Cartridge Seal: Sleeve AISI316L / Spring Clips AISI304
Pressure Transducers	316 Stainless Steel
Pressure Guages	304 Stainless Steel Housing with 316 Stainless Steel wetted parts
System base	Steel (S235JR)
Vibration Isolators	Neoprene, Height Adjustable

Technical Data – Operational Ranges

Liquid Temp Range	-4°F to +248°F (Min. 32 °F for Domestic Water)
Ambient Temp Range	+32°F to +104 °F
Max Inlet Pressure	145 PSI
Max System Pressure	232 PSI

Technical Data – Panel

Power Supply	208-230/460~3 or 575~3
Enclosure	NEMA 12 (3R Availible Upon Request)
Standard	Meets UL 508A
Variable Frequency Drives	Danfoss FC-51 (1-10 HP for 208-23/460v~3) Danfoss FC-101 (1-10 HP for 575v~3)

Technical Data – PLC

User Interface	7" Diagonal Color LCD Touchscreen
Display Resolution	800 x 480 Pixels
Supply Voltage	24VDC
Max. Current Consumption	320mA@24V
Number of Analog Inputs	9
Number of Analog Outputs	2
Number of Digital Inputs	18
Number of Digital Outputs	17
Onboard Communications	Modbus Protocol (Optional Gateways for BacNET, LonWorks, and CANbus)
Ethernet Port	RJ45 port capable of transmitting data 10/100Mbps
Additional Ports	2.0 USB Port; Micro-SD Port

Motor Data

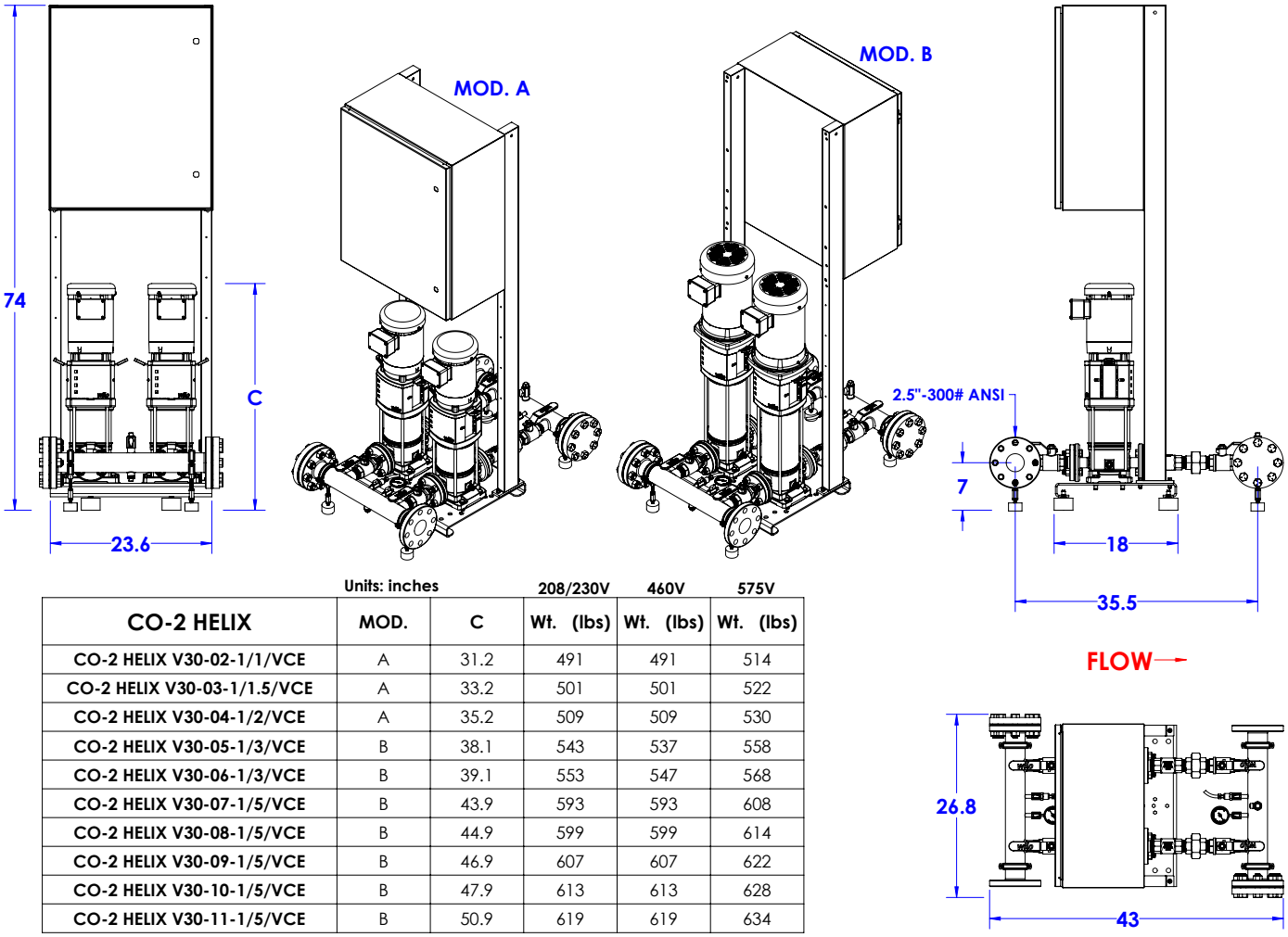
Power Supply	208-230~3 or 460~3 or 575~3
Motor Enclosure	Totally Enclosed Fan Cooled (TEFC)
Motor Efficiency	Nema Premium Efficiency (IE3) - Meets NEMA 12-12 Rule
Enclosure Construction	Rolled Steel / Cast Iron
Motor Protection Index	IP54
Insulation Class	F

Approval Stamp

Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-04-1/2/VCE



	Units: inches		208/230V	460V	575V
CO-2 HELIX	**MOD.**	**C**	**Wt. (lbs)**	**Wt. (lbs)**	**Wt. (lbs)**
CO-2 HELIX V30-02-1/1/VCE	A	31.2	491	491	514
CO-2 HELIX V30-03-1/1.5/VCE	A	33.2	501	501	522
CO-2 HELIX V30-04-1/2/VCE	A	35.2	509	509	530
CO-2 HELIX V30-05-1/3/VCE	B	38.1	543	537	558
CO-2 HELIX V30-06-1/3/VCE	B	39.1	553	547	568
CO-2 HELIX V30-07-1/5/VCE	B	43.9	593	593	608
CO-2 HELIX V30-08-1/5/VCE	B	44.9	599	599	614
CO-2 HELIX V30-09-1/5/VCE	B	46.9	607	607	622
CO-2 HELIX V30-10-1/5/VCE	B	47.9	613	613	628
CO-2 HELIX V30-11-1/5/VCE	B	50.9	619	619	634

Special Note: All weights and dimensions are approximate and should not be used as exact rough-in dimensions

TEFC Motor Data						Dimensions				
	P2	Phase	Voltage	FLA (per pump)	Pmax	Dimensions-inches				Individual Pump Weight
Model	**(HP)**	**(~)**	**(V)**	**(A)**	**(PSI)**	**Suction / Discharge Pump Size (300 Class ANSI)**	**Gauge Tap Size**	**Transducer Tap Size**	**Hydronumatic Tank Valve on Manifold (Plugged)**	**Pump Weight (lbs)**
CO-2 HELIX V30-04-1/2/VCE	2	3	208-230/460/575	5.3-5.0/2.5/2.0	232	1-1/4"	1/4" FNPT	1/4" FNPT	3/4" MNPT x 3/4" FNPT	91

WILO USA LLC +1 262 204-6600
www.wilo-usa.com
info@wilo-usa.com

WILO Canada Inc. +1 403 276-9456
www.wilo-canada.com
info@wilo-canada.com

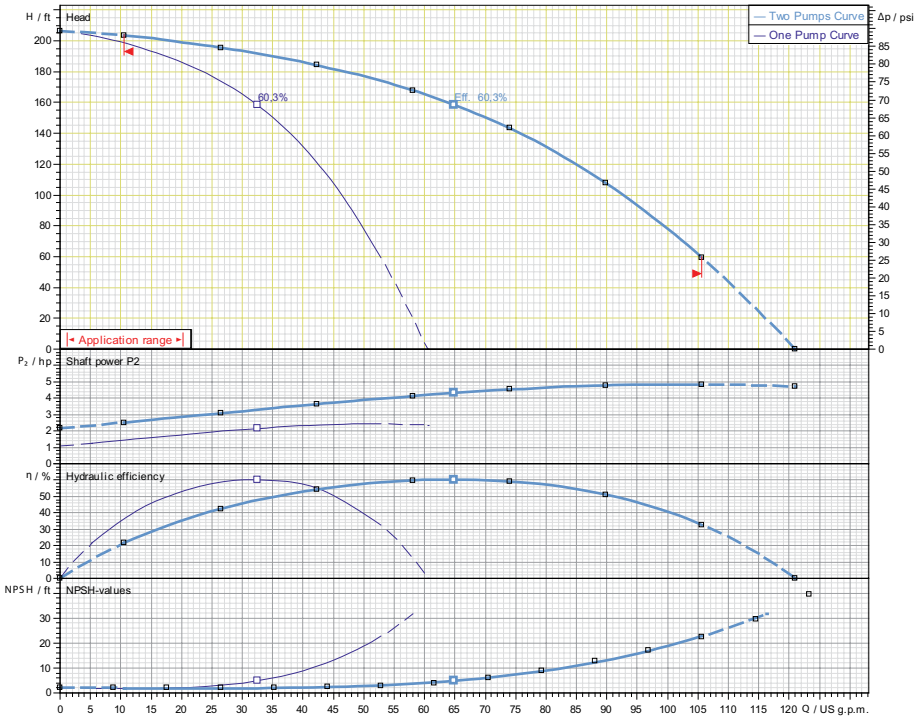
Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-05-1/3/VCE

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

Tag #	Model #	Flow	BOOST PSI	Min. Inlet PSI	HP/Pump	Phase	Voltage	RPM
	CO-2 HELIX V30-05-1/3/VCE				3			3600



Applications

- Water Supply
- Pressure Boosting
- Agriculture
- Cooling Circuits
- Washing / Sprinkling Systems
- Condensate Return

Materials of Construction

Pump Volute	AISI304 stainless steel with ANSI flanges
Impeller	3D Laser welded AISI 304 Stainless Steel
Shaft	AISI304, AISI318 LN, or AISI431 Stainless Steel
Elastomers	EPDM
Isolation Valves	304 Stainless Steel Ball Valves
Check Valves	316 Stainless Steel, Non-slam, Plunger-type with EPDM seal
Mechanical Seal	Cartridge Seal: Sleeve AISI316L / Spring Clips AISI304
Pressure Transducers	316 Stainless Steel
Pressure Guages	304 Stainless Steel Housing with 316 Stainless Steel wetted parts
System base	Steel (S235JR)
Vibration Isolators	Neoprene, Height Adjustable

Technical Data – Operational Ranges

Liquid Temp Range	-4°F to +248°F (Min. 32 °F for Domestic Water)
Ambient Temp Range	+32°F to +104 °F
Max Inlet Pressure	145 PSI
Max System Pressure	232 PSI

Technical Data – Panel

Power Supply	208-230/460~3 or 575~3
Enclosure	NEMA 12 (3R Availible Upon Request)
Standard	Meets UL 508A
Variable Frequency Drives	Danfoss FC-51 (1-10 HP for 208-23/460v~3) Danfoss FC-101 (1-10 HP for 575v~3)

Technical Data – PLC

User Interface	7" Diagonal Color LCD Touchscreen
Display Resolution	800 x 480 Pixels
Supply Voltage	24VDC
Max. Current Consumption	320mA@24V
Number of Analog Inputs	9
Number of Analog Outputs	2
Number of Digital Inputs	18
Number of Digital Outputs	17
Onboard Communications	Modbus Protocol (Optional Gateways for BacNET, LonWorks, and CANbus)
Ethernet Port	RJ45 port capable of transmitting data 10/100Mbps
Additional Ports	2.0 USB Port; Micro-SD Port

Motor Data

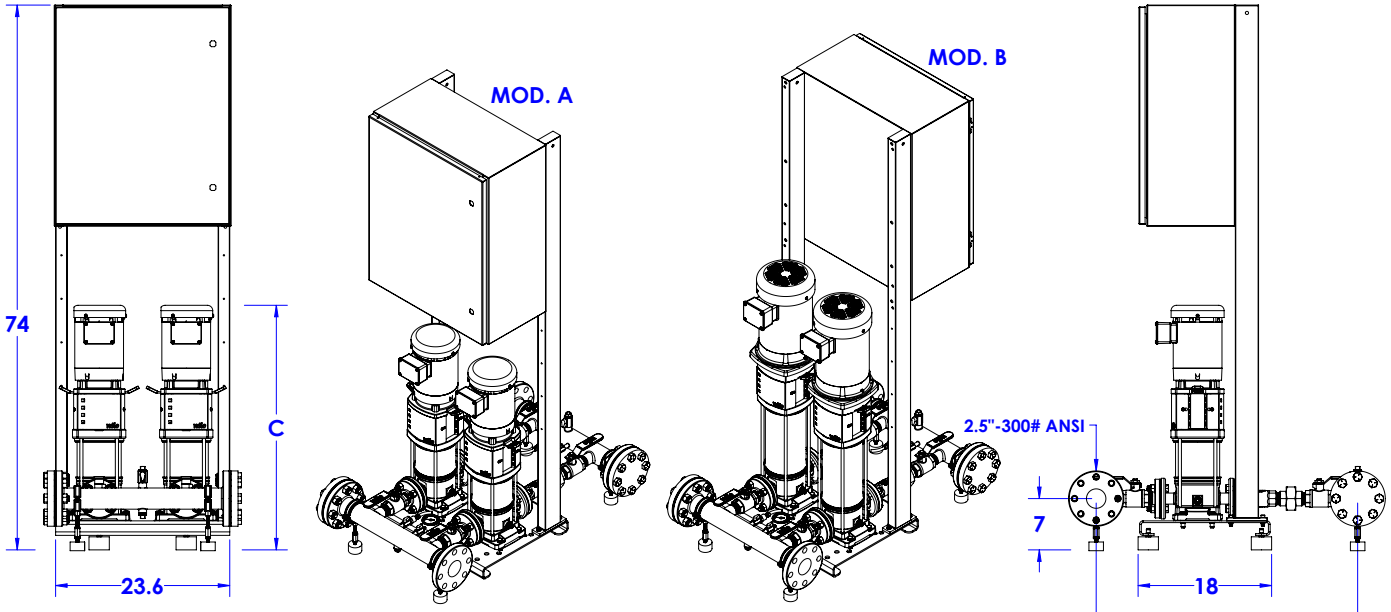
Power Supply	208-230~3 or 460~3 or 575~3
Motor Enclosure	Totally Enclosed Fan Cooled (TEFC)
Motor Efficiency	Nema Premium Efficiency (IE3) - Meets NEMA 12-12 Rule
Enclosure Construction	Rolled Steel / Cast Iron
Motor Protection Index	IP54
Insulation Class	F

Approval Stamp

Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-05-1/3/VCE



	Units: inches		208/230V	460V	575V
CO-2 HELIX	**MOD.**	**C**	**Wt. (lbs)**	**Wt. (lbs)**	**Wt. (lbs)**
CO-2 HELIX V30-02-1/1/VCE	A	31.2	491	491	514
CO-2 HELIX V30-03-1/1.5/VCE	A	33.2	501	501	522
CO-2 HELIX V30-04-1/2/VCE	A	35.2	509	509	530
CO-2 HELIX V30-05-1/3/VCE	B	38.1	543	537	558
CO-2 HELIX V30-06-1/3/VCE	B	39.1	553	547	568
CO-2 HELIX V30-07-1/5/VCE	B	43.9	593	593	608
CO-2 HELIX V30-08-1/5/VCE	B	44.9	599	599	614
CO-2 HELIX V30-09-1/5/VCE	B	46.9	607	607	622
CO-2 HELIX V30-10-1/5/VCE	B	47.9	613	613	628
CO-2 HELIX V30-11-1/5/VCE	B	50.9	619	619	634

Special Note: All weights and dimensions are approximate and should not be used as exact rough-in dimensions

TEFC Motor Data						Dimensions				
	P2	Phase	Voltage	FLA (per pump)	Pmax	Dimensions-inches				Individual Pump Weight
Model	**(HP)**	**(~)**	**(V)**	**(A)**	**(PSI)**	**Suction / Discharge Pump Size (300 Class ANSI)**	**Gauge Tap Size**	**Transducer Tap Size**	**Hydronumatic Tank Valve on Manifold (Plugged)**	**Pump Weight (lbs)**
CO-2 HELIX V30-05-1/3/VCE	3	3	208-230/460/575	7.9-7.2/3.6/2.9	232	1-1/4"	1/4" FNPT	1/4" FNPT	3/4" MNPT x 3/4" FNPT	99

WILO USA LLC +1 262 204-6600
www.wilo-usa.com
info@wilo-usa.com

WILO Canada Inc. +1 403 276-9456
www.wilo-canada.com
info@wilo-canada.com

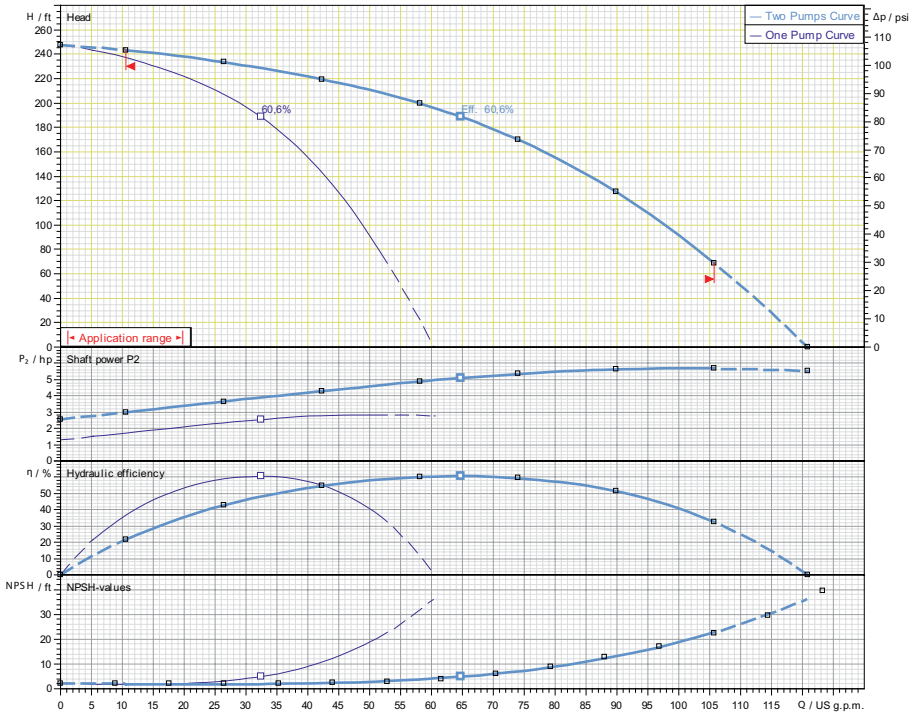
Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-06-1/3/VCE

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

Tag #	Model #	Flow	BOOST PSI	Min. Inlet PSI	HP/Pump	Phase	Voltage	RPM
	CO-2 HELIX V30-06-1/3/VCE				3			3600



Applications

- Water Supply
- Pressure Boosting
- Agriculture
- Cooling Circuits
- Washing / Sprinkling Systems
- Condensate Return

Materials of Construction

Pump Volute	AISI304 stainless steel with ANSI flanges
Impeller	3D Laser welded AISI 304 Stainless Steel
Shaft	AISI304, AISI318 LN, or AISI431 Stainless Steel
Elastomers	EPDM
Isolation Valves	304 Stainless Steel Ball Valves
Check Valves	316 Stainless Steel, Non-slam, Plunger-type with EPDM seal
Mechanical Seal	Cartridge Seal: Sleeve AISI316L / Spring Clips AISI304
Pressure Transducers	316 Stainless Steel
Pressure Guages	304 Stainless Steel Housing with 316 Stainless Steel wetted parts
System base	Steel (S235JR)
Vibration Isolators	Neoprene, Height Adjustable

Technical Data – Operational Ranges

Liquid Temp Range	-4°F to +248°F (Min. 32 °F for Domestic Water)
Ambient Temp Range	+32°F to +104 °F
Max Inlet Pressure	145 PSI
Max System Pressure	232 PSI

Technical Data – Panel

Power Supply	208-230/460~3 or 575~3
Enclosure	NEMA 12 (3R Availible Upon Request)
Standard	Meets UL 508A
Variable Frequency Drives	Danfoss FC-51 (1-10 HP for 208-23/460v~3) Danfoss FC-101 (1-10 HP for 575v~3)

Technical Data – PLC

User Interface	7" Diagonal Color LCD Touchscreen
Display Resolution	800 x 480 Pixels
Supply Voltage	24VDC
Max. Current Consumption	320mA@24V
Number of Analog Inputs	9
Number of Analog Outputs	2
Number of Digital Inputs	18
Number of Digital Outputs	17
Onboard Communications	Modbus Protocol (Optional Gateways for BacNET, LonWorks, and CANbus)
Ethernet Port	RJ45 port capable of transmitting data 10/100Mbps
Additional Ports	2.0 USB Port; Micro-SD Port

Motor Data

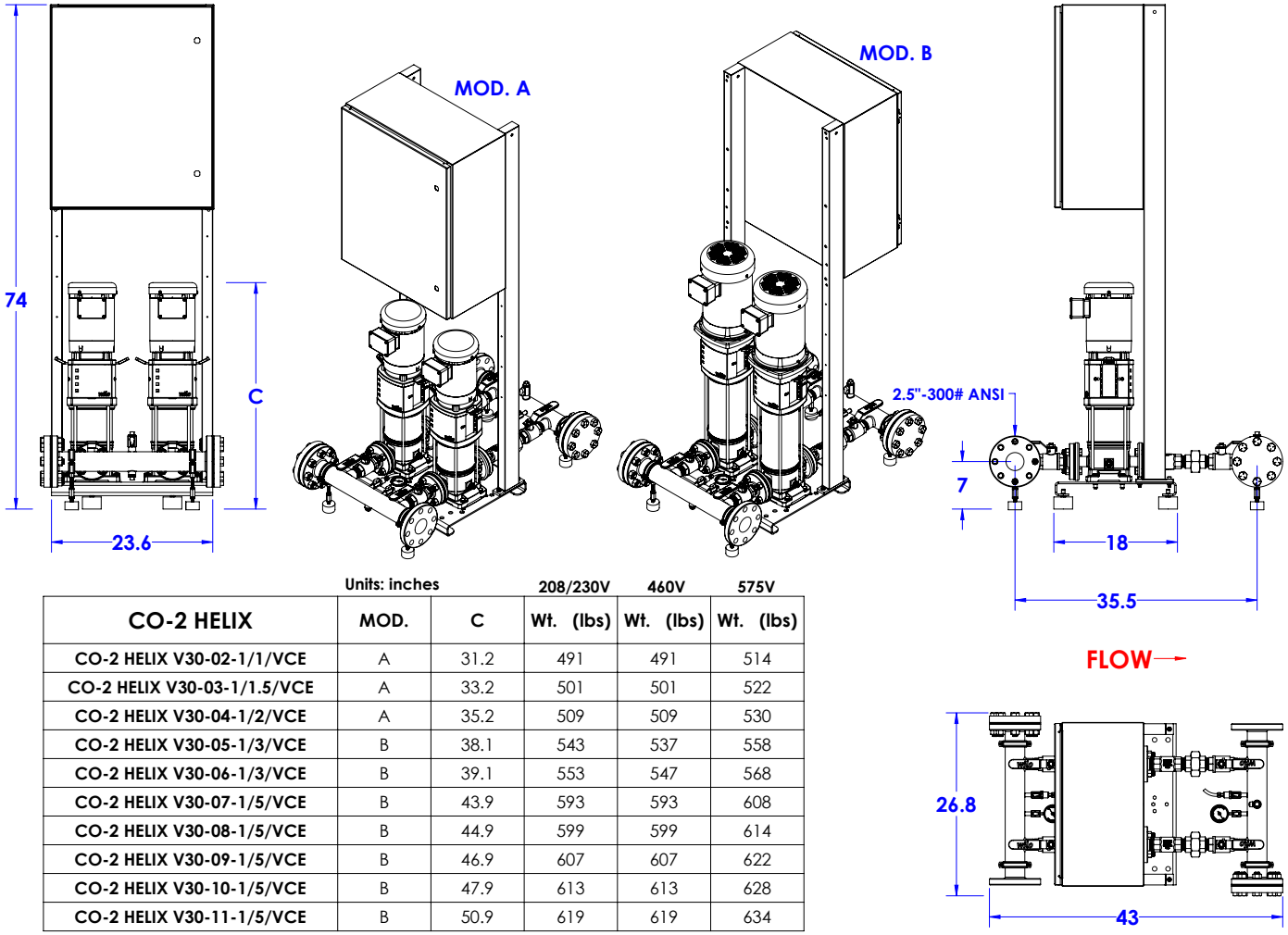
Power Supply	208-230~3 or 460~3 or 575~3
Motor Enclosure	Totally Enclosed Fan Cooled (TEFC)
Motor Efficiency	Nema Premium Efficiency (IE3) - Meets NEMA 12-12 Rule
Enclosure Construction	Rolled Steel / Cast Iron
Motor Protection Index	IP54
Insulation Class	F

Approval Stamp

Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-06-1/3/VCE



	Units: inches		208/230V	460V	575V
CO-2 HELIX	**MOD.**	**C**	**Wt. (lbs)**	**Wt. (lbs)**	**Wt. (lbs)**
CO-2 HELIX V30-02-1/1/VCE	A	31.2	491	491	514
CO-2 HELIX V30-03-1/1.5/VCE	A	33.2	501	501	522
CO-2 HELIX V30-04-1/2/VCE	A	35.2	509	509	530
CO-2 HELIX V30-05-1/3/VCE	B	38.1	543	537	558
CO-2 HELIX V30-06-1/3/VCE	B	39.1	553	547	568
CO-2 HELIX V30-07-1/5/VCE	B	43.9	593	593	608
CO-2 HELIX V30-08-1/5/VCE	B	44.9	599	599	614
CO-2 HELIX V30-09-1/5/VCE	B	46.9	607	607	622
CO-2 HELIX V30-10-1/5/VCE	B	47.9	613	613	628
CO-2 HELIX V30-11-1/5/VCE	B	50.9	619	619	634

Special Note: All weights and dimensions are approximate and should not be used as exact rough-in dimensions

TEFC Motor Data						Dimensions				
	P2	Phase	Voltage	FLA (per pump)	Pmax	Dimensions-inches				Individual Pump Weight
Model	**(HP)**	**(~)**	**(V)**	**(A)**	**(PSI)**	**Suction / Discharge Pump Size (300 Class ANSI)**	**Gauge Tap Size**	**Transducer Tap Size**	**Hydronumatic Tank Valve on Manifold (Plugged)**	**Pump Weight (lbs)**
CO-2 HELIX V30-06-1/3/VCE	3	3	208-230/460/575	7.9-7.2/3.6/2.9	232	1-1/4"	1/4" FNPT	1/4" FNPT	3/4" MNPT x 3/4" FNPT	101

WILO USA LLC +1 262 204-6600
www.wilo-usa.com
info@wilo-usa.com

WILO Canada Inc. +1 403 276-9456
www.wilo-canada.com
info@wilo-canada.com

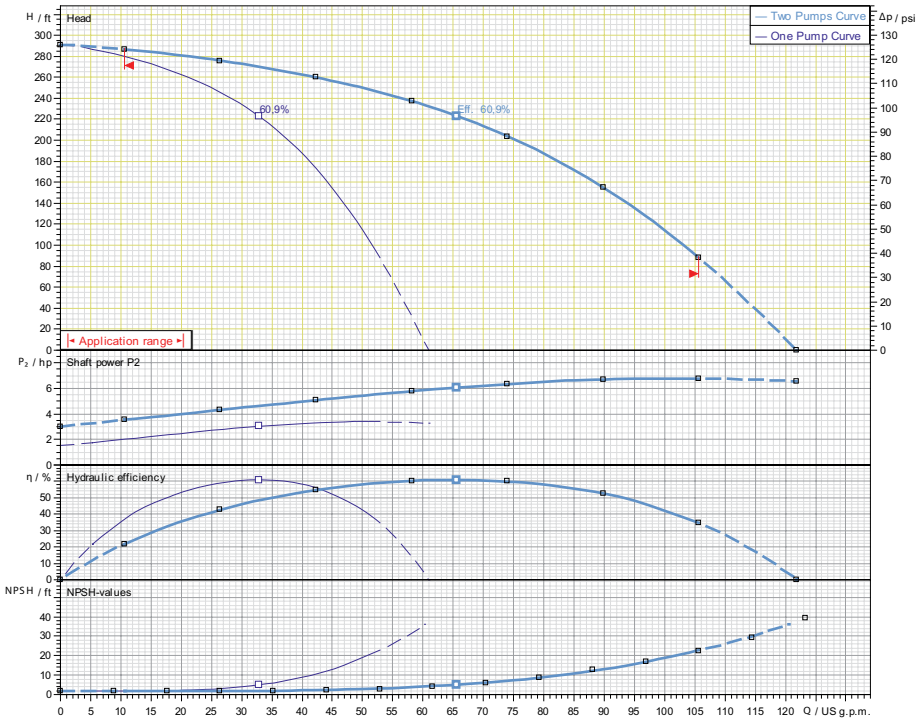
Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-07-1/5/VCE

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

Tag #	Model #	Flow	BOOST PSI	Min. Inlet PSI	HP/Pump	Phase	Voltage	RPM
	CO-2 HELIX V30-07-1/5/VCE				5			3600



Applications

- Water Supply
- Pressure Boosting
- Agriculture
- Cooling Circuits
- Washing / Sprinkling Systems
- Condensate Return

Materials of Construction

Pump Volute	AISI304 stainless steel with ANSI flanges
Impeller	3D Laser welded AISI 304 Stainless Steel
Shaft	AISI304, AISI318 LN, or AISI431 Stainless Steel
Elastomers	EPDM
Isolation Valves	304 Stainless Steel Ball Valves
Check Valves	316 Stainless Steel, Non-slam, Plunger-type with EPDM seal
Mechanical Seal	Cartridge Seal: Sleeve AISI316L / Spring Clips AISI304
Pressure Transducers	316 Stainless Steel
Pressure Guages	304 Stainless Steel Housing with 316 Stainless Steel wetted parts
System base	Steel (S235JR)
Vibration Isolators	Neoprene, Height Adjustable

Technical Data – Operational Ranges

Liquid Temp Range	-4°F to +248°F (Min. 32 °F for Domestic Water)
Ambient Temp Range	+32°F to +104 °F
Max Inlet Pressure	145 PSI
Max System Pressure	232 PSI

Technical Data – Panel

Power Supply	208-230/460~3 or 575~3
Enclosure	NEMA 12 (3R Availible Upon Request)
Standard	Meets UL 508A
Variable Frequency Drives	Danfoss FC-51 (1-10 HP for 208-23/460v~3) Danfoss FC-101 (1-10 HP for 575v~3)

Technical Data – PLC

User Interface	7" Diagonal Color LCD Touchscreen
Display Resolution	800 x 480 Pixels
Supply Voltage	24VDC
Max. Current Consumption	320mA@24V
Number of Analog Inputs	9
Number of Analog Outputs	2
Number of Digital Inputs	18
Number of Digital Outputs	17
Onboard Communications	Modbus Protocol (Optional Gateways for BacNET, LonWorks, and CANbus)
Ethernet Port	RJ45 port capable of transmitting data 10/100Mbps
Additional Ports	2.0 USB Port; Micro-SD Port

Motor Data

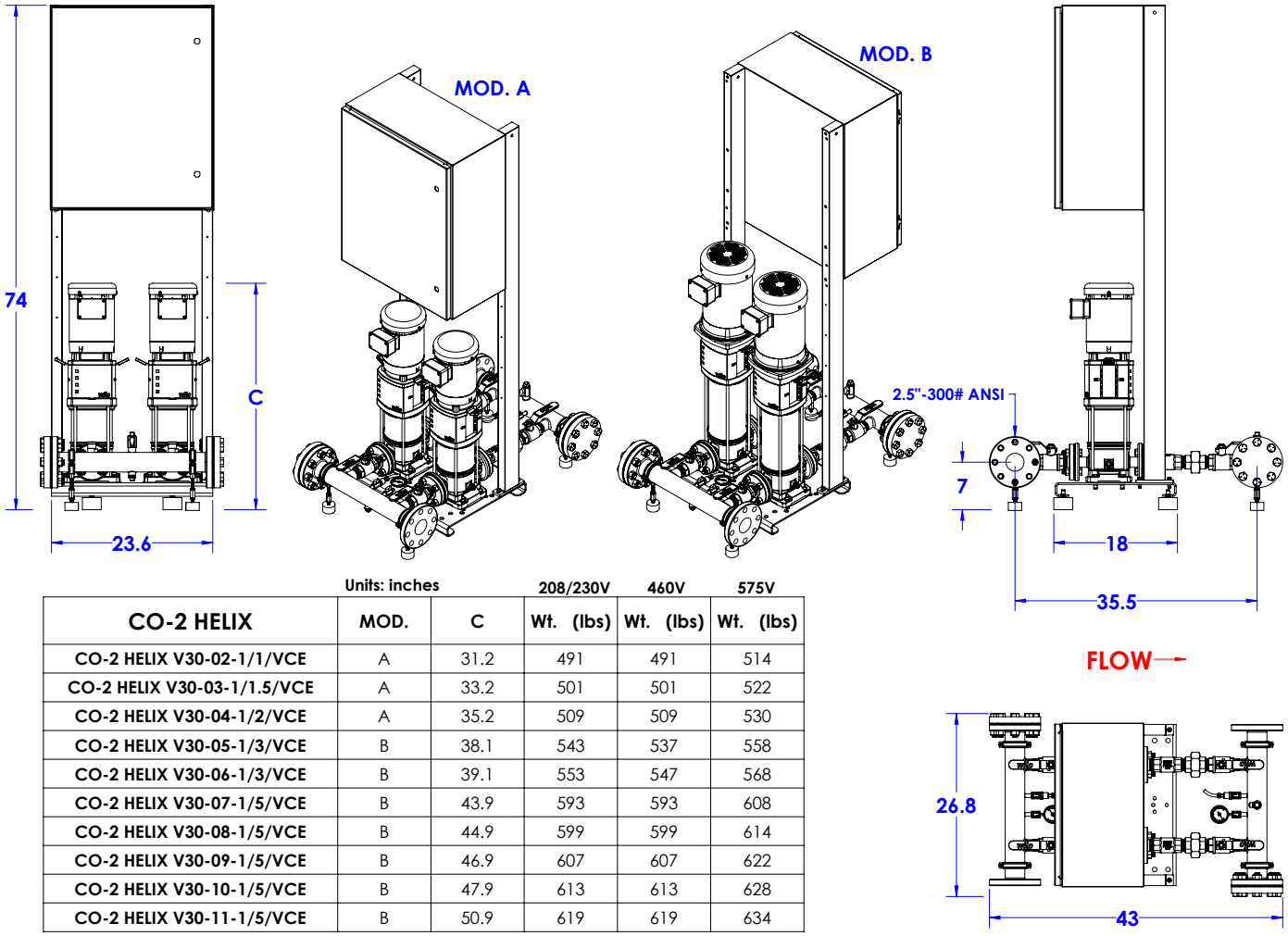
Power Supply	208-230~3 or 460~3 or 575~3
Motor Enclosure	Totally Enclosed Fan Cooled (TEFC)
Motor Efficiency	Nema Premium Efficiency (IE3) - Meets NEMA 12-12 Rule
Enclosure Construction	Rolled Steel / Cast Iron
Motor Protection Index	IP54
Insulation Class	F

Approval Stamp

Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-07-1/5/VCE



	Units: inches		208/230V	460V	575V
CO-2 HELIX	**MOD.**	**C**	**Wt. (lbs)**	**Wt. (lbs)**	**Wt. (lbs)**
CO-2 HELIX V30-02-1/1/VCE	A	31.2	491	491	514
CO-2 HELIX V30-03-1/1.5/VCE	A	33.2	501	501	522
CO-2 HELIX V30-04-1/2/VCE	A	35.2	509	509	530
CO-2 HELIX V30-05-1/3/VCE	B	38.1	543	537	558
CO-2 HELIX V30-06-1/3/VCE	B	39.1	553	547	568
CO-2 HELIX V30-07-1/5/VCE	B	43.9	593	593	608
CO-2 HELIX V30-08-1/5/VCE	B	44.9	599	599	614
CO-2 HELIX V30-09-1/5/VCE	B	46.9	607	607	622
CO-2 HELIX V30-10-1/5/VCE	B	47.9	613	613	628
CO-2 HELIX V30-11-1/5/VCE	B	50.9	619	619	634

Special Note: All weights and dimensions are approximate and should not be used as exact rough-in dimensions

TEFC Motor Data						Dimensions				
	P2	Phase	Voltage	FLA (per pump)	Pmax	Dimensions-inches				Individual Pump Weight
Model	**(HP)**	**(~)**	**(V)**	**(A)**	**(PSI)**	**Suction / Discharge Pump Size (300 Class ANSI)**	**Gauge Tap Size**	**Transducer Tap Size**	**Hydronumatic Tank Valve on Manifold (Plugged)**	**Pump Weight (lbs)**
CO-2 HELIX V30-07-1/5/VCE	5	3	208-230/460/575	12-11.8/5.9/4.7	232	1-1/4"	1/4" FNPT	1/4" FNPT	3/4" MNPT x 3/4" FNPT	133

WILO USA LLC +1 262 204-6600
www.wilo-usa.com
info@wilo-usa.com

WILO Canada Inc. +1 403 276-9456
www.wilo-canada.com
info@wilo-canada.com

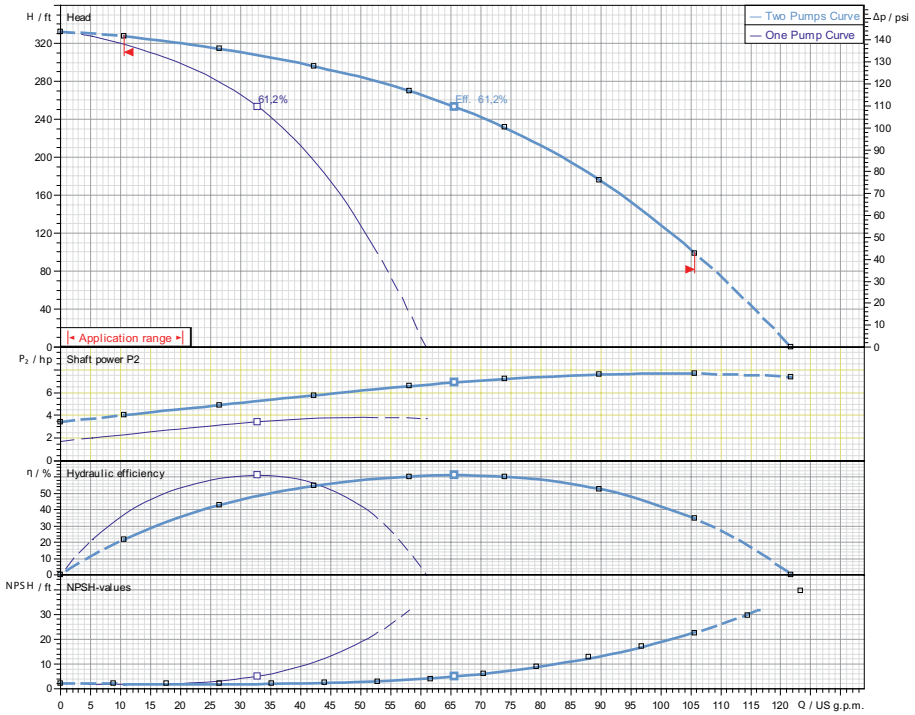
Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-08-1/5/VCE

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

Tag #	Model #	Flow	BOOST PSI	Min. Inlet PSI	HP/Pump	Phase	Voltage	RPM
	CO-2 HELIX V30-08-1/5/VCE				5			3600



Applications

- Water Supply
- Pressure Boosting
- Agriculture
- Cooling Circuits
- Washing / Sprinkling Systems
- Condensate Return

Materials of Construction

Pump Volute	AISI304 stainless steel with ANSI flanges
Impeller	3D Laser welded AISI 304 Stainless Steel
Shaft	AISI304, AISI318 LN, or AISI431 Stainless Steel
Elastomers	EPDM
Isolation Valves	304 Stainless Steel Ball Valves
Check Valves	316 Stainless Steel, Non-slam, Plunger-type with EPDM seal
Mechanical Seal	Cartridge Seal: Sleeve AISI316L / Spring Clips AISI304
Pressure Transducers	316 Stainless Steel
Pressure Guages	304 Stainless Steel Housing with 316 Stainless Steel wetted parts
System base	Steel (S235JR)
Vibration Isolators	Neoprene, Height Adjustable

Technical Data – Operational Ranges

Liquid Temp Range	-4°F to +248°F (Min. 32 °F for Domestic Water)
Ambient Temp Range	+32°F to +104 °F
Max Inlet Pressure	145 PSI
Max System Pressure	232 PSI

Technical Data – Panel

Power Supply	208-230/460~3 or 575~3
Enclosure	NEMA 12 (3R Availible Upon Request)
Standard	Meets UL 508A
Variable Frequency Drives	Danfoss FC-51 (1-10 HP for 208-23/460v~3) Danfoss FC-101 (1-10 HP for 575v~3)

Technical Data – PLC

User Interface	7" Diagonal Color LCD Touchscreen
Display Resolution	800 x 480 Pixels
Supply Voltage	24VDC
Max. Current Consumption	320mA@24V
Number of Analog Inputs	9
Number of Analog Outputs	2
Number of Digital Inputs	18
Number of Digital Outputs	17
Onboard Communications	Modbus Protocol (Optional Gateways for BacNET, LonWorks, and CANbus)
Ethernet Port	RJ45 port capable of transmitting data 10/100Mbps
Additional Ports	2.0 USB Port; Micro-SD Port

Motor Data

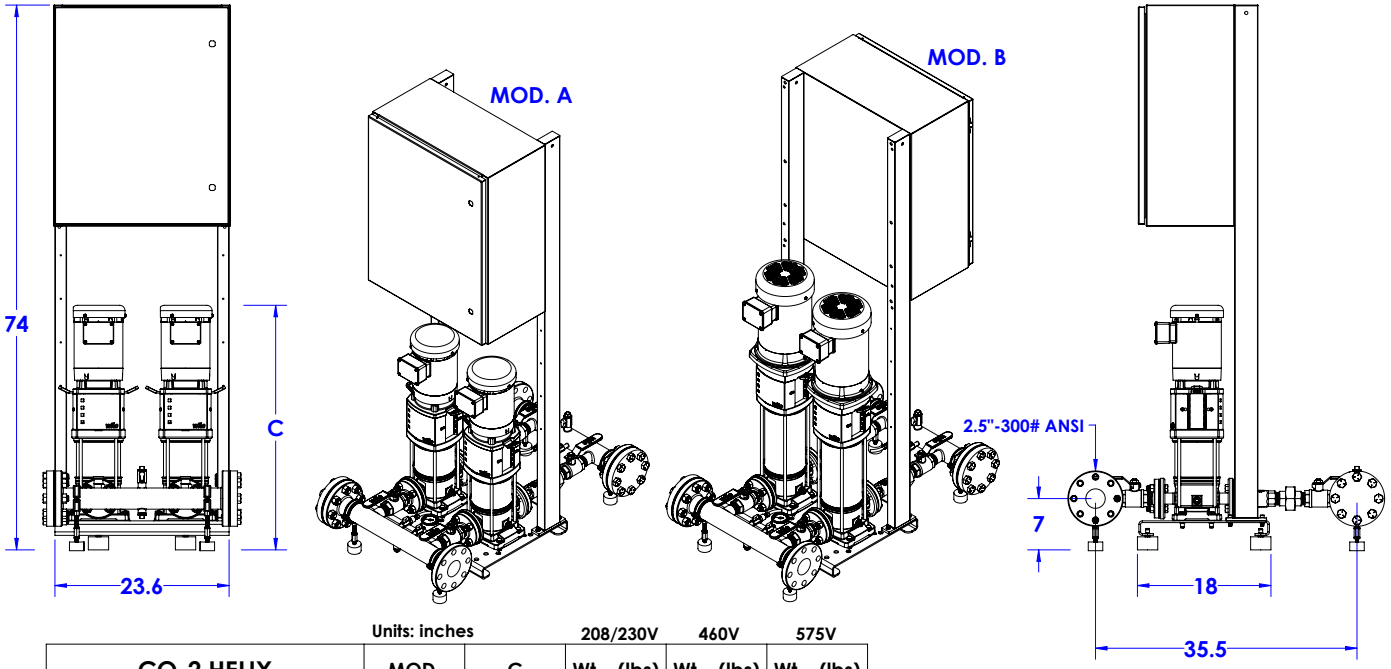
Power Supply	208-230~3 or 460~3 or 575~3
Motor Enclosure	Totally Enclosed Fan Cooled (TEFC)
Motor Efficiency	Nema Premium Efficiency (IE3) - Meets NEMA 12-12 Rule
Enclosure Construction	Rolled Steel / Cast Iron
Motor Protection Index	IP54
Insulation Class	F

Approval Stamp

Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-08-1/5/VCE



	Units: inches		208/230V	460V	575V
CO-2 HELIX	**MOD.**	**C**	**Wt. (lbs)**	**Wt. (lbs)**	**Wt. (lbs)**
CO-2 HELIX V30-02-1/1/VCE	A	31.2	491	491	514
CO-2 HELIX V30-03-1/1.5/VCE	A	33.2	501	501	522
CO-2 HELIX V30-04-1/2/VCE	A	35.2	509	509	530
CO-2 HELIX V30-05-1/3/VCE	B	38.1	543	537	558
CO-2 HELIX V30-06-1/3/VCE	B	39.1	553	547	568
CO-2 HELIX V30-07-1/5/VCE	B	43.9	593	593	608
CO-2 HELIX V30-08-1/5/VCE	B	44.9	599	599	614
CO-2 HELIX V30-09-1/5/VCE	B	46.9	607	607	622
CO-2 HELIX V30-10-1/5/VCE	B	47.9	613	613	628
CO-2 HELIX V30-11-1/5/VCE	B	50.9	619	619	634

Special Note: All weights and dimensions are approximate and should not be used as exact rough-in dimensions

TEFC Motor Data						Dimensions				
	P2	Phase	Voltage	FLA (per pump)	Pmax	Dimensions-inches				Individual Pump Weight
Model	**(HP)**	**(~)**	**(V)**	**(A)**	**(PSI)**	**Suction / Discharge Pump Size (300 Class ANSI)**	**Gauge Tap Size**	**Transducer Tap Size**	**Hydronumatic Tank Valve on Manifold (Plugged)**	**Pump Weight (lbs)**
CO-2 HELIX V30-08-1/5/VCE	5	3	208-230/460/575	12-11.8/5.9/4.7	232	1-1/4"	1/4" FNPT	1/4" FNPT	3/4" MNPT x 3/4" FNPT	142

WILO USA LLC +1 262 204-6600
www.wilo-usa.com
info@wilo-usa.com

WILO Canada Inc. +1 403 276-9456
www.wilo-canada.com
info@wilo-canada.com

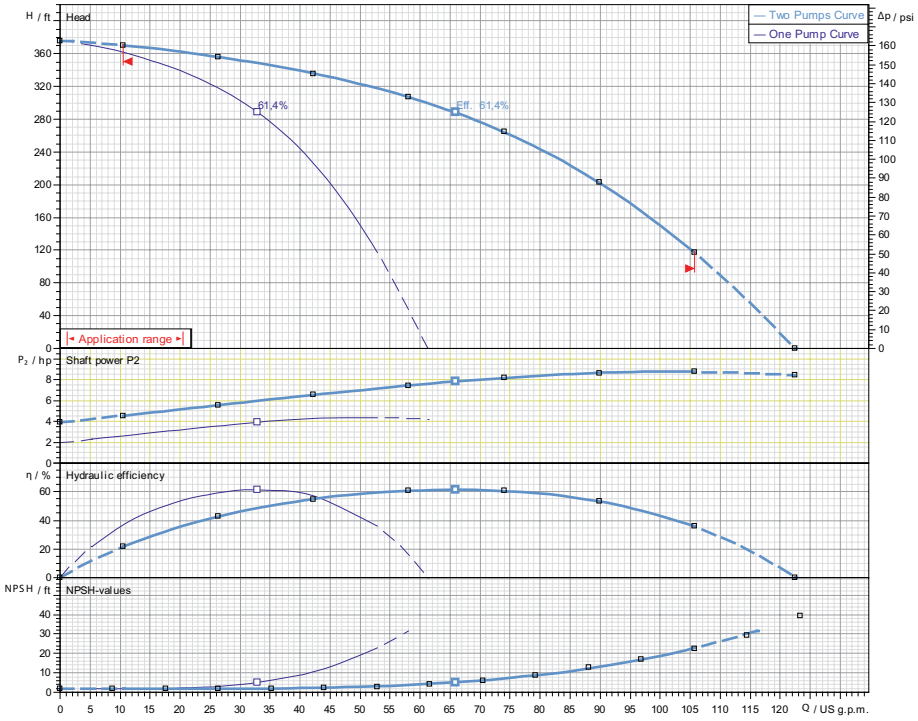
Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-09-1/5/VCE

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

Tag #	Model #	Flow	BOOST PSI	Min. Inlet PSI	HP/Pump	Phase	Voltage	RPM
	CO-2 HELIX V30-09-1/5/VCE				5		3600	



Applications

- Water Supply
- Pressure Boosting
- Agriculture
- Cooling Circuits
- Washing / Sprinkling Systems
- Condensate Return

Materials of Construction

Pump Volute	AISI304 stainless steel with ANSI flanges
Impeller	3D Laser welded AISI 304 Stainless Steel
Shaft	AISI304, AISI318 LN, or AISI431 Stainless Steel
Elastomers	EPDM
Isolation Valves	304 Stainless Steel Ball Valves
Check Valves	316 Stainless Steel, Non-slam, Plunger-type with EPDM seal
Mechanical Seal	Cartridge Seal: Sleeve AISI316L / Spring Clips AISI304
Pressure Transducers	316 Stainless Steel
Pressure Guages	304 Stainless Steel Housing with 316 Stainless Steel wetted parts
System base	Steel (S235JR)
Vibration Isolators	Neoprene, Height Adjustable

Technical Data – Operational Ranges

Liquid Temp Range	-4°F to +248°F (Min. 32 °F for Domestic Water)
Ambient Temp Range	+32°F to +104 °F
Max Inlet Pressure	145 PSI
Max System Pressure	232 PSI

Technical Data – Panel

Power Supply	208-230/460~3 or 575~3
Enclosure	NEMA 12 (3R Availible Upon Request)
Standard	Meets UL 508A
Variable Frequency Drives	Danfoss FC-51 (1-10 HP for 208-23/460v~3) Danfoss FC-101 (1-10 HP for 575v~3)

Technical Data – PLC

User Interface	7" Diagonal Color LCD Touchscreen
Display Resolution	800 x 480 Pixels
Supply Voltage	24VDC
Max. Current Consumption	320mA@24V
Number of Analog Inputs	9
Number of Analog Outputs	2
Number of Digital Inputs	18
Number of Digital Outputs	17
Onboard Communications	Modbus Protocol (Optional Gateways for BacNET, LonWorks, and CANbus)
Ethernet Port	RJ45 port capable of transmitting data 10/100Mbps
Additional Ports	2.0 USB Port; Micro-SD Port

Motor Data

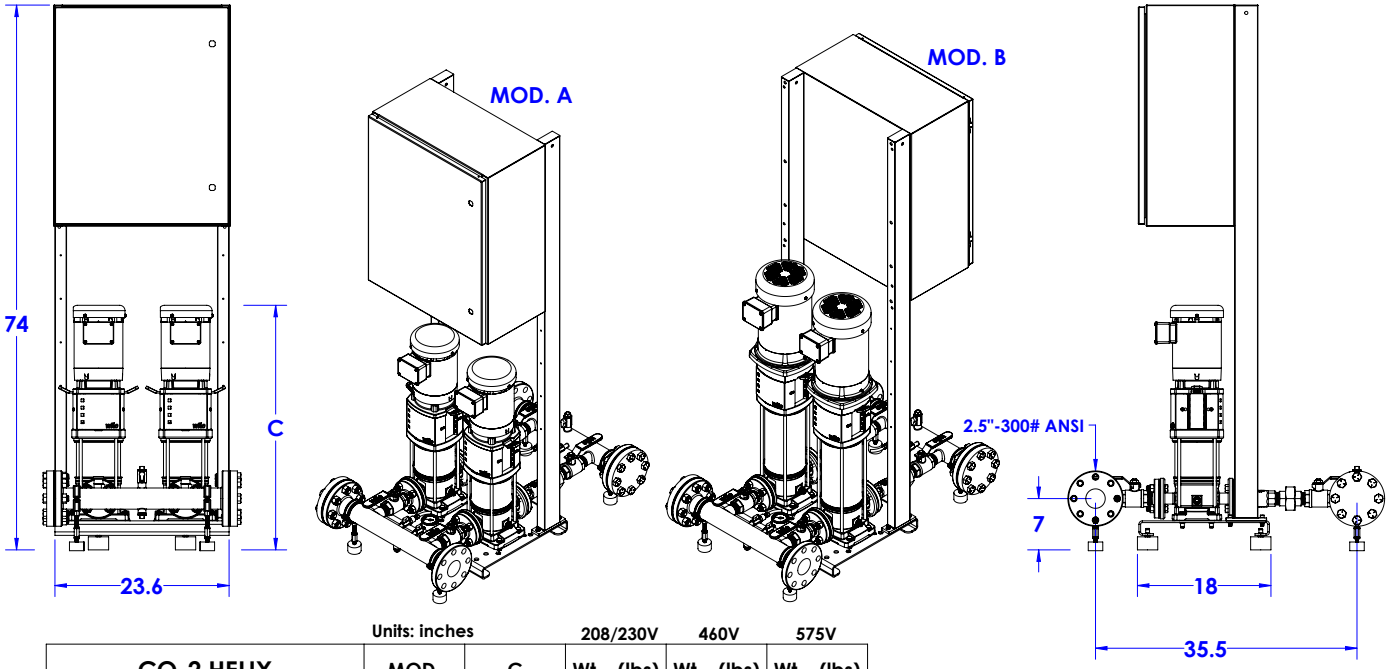
Power Supply	208-230~3 or 460~3 or 575~3
Motor Enclosure	Totally Enclosed Fan Cooled (TEFC)
Motor Efficiency	Nema Premium Efficiency (IE3) - Meets NEMA 12-12 Rule
Enclosure Construction	Rolled Steel / Cast Iron
Motor Protection Index	IP54
Insulation Class	F

Approval Stamp

Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-09-1/5/VCE



Units: inches

CO-2 HELIX	MOD.	C	208/230V Wt. (lbs)	460V Wt. (lbs)	575V Wt. (lbs)
CO-2 HELIX V30-02-1/1/VCE	A	31.2	491	491	514
CO-2 HELIX V30-03-1/1.5/VCE	A	33.2	501	501	522
CO-2 HELIX V30-04-1/2/VCE	A	35.2	509	509	530
CO-2 HELIX V30-05-1/3/VCE	B	38.1	543	537	558
CO-2 HELIX V30-06-1/3/VCE	B	39.1	553	547	568
CO-2 HELIX V30-07-1/5/VCE	B	43.9	593	593	608
CO-2 HELIX V30-08-1/5/VCE	B	44.9	599	599	614
CO-2 HELIX V30-09-1/5/VCE	B	46.9	607	607	622
CO-2 HELIX V30-10-1/5/VCE	B	47.9	613	613	628
CO-2 HELIX V30-11-1/5/VCE	B	50.9	619	619	634

Special Note: All weights and dimensions are approximate and should not be used as exact rough-in dimensions

TEFC Motor Data						Dimensions				
	P2	Phase	Voltage	FLA (per pump)	Pmax	Dimensions-inches				Individual Pump Weight
Model	(HP)	(~)	(V)	(A)	(PSI)	Suction / Discharge Pump Size (300 Class ANSI)	Gauge Tap Size	Transducer Tap Size	Hydronumatic Tank Valve on Manifold (Plugged)	Pump Weight (lbs)
CO-2 HELIX V30-09-1/5/VCE	5	3	208-230/460/575	12-11.8/5.9/4.7	232	1-1/4"	1/4" FNPT	1/4" FNPT	3/4" MNPT x 3/4" FNPT	144

WILO USA LLC +1 262 204-6600
www.wilo-usa.com
info@wilo-usa.com

WILO Canada Inc. +1 403 276-9456
www.wilo-canada.com
info@wilo-canada.com

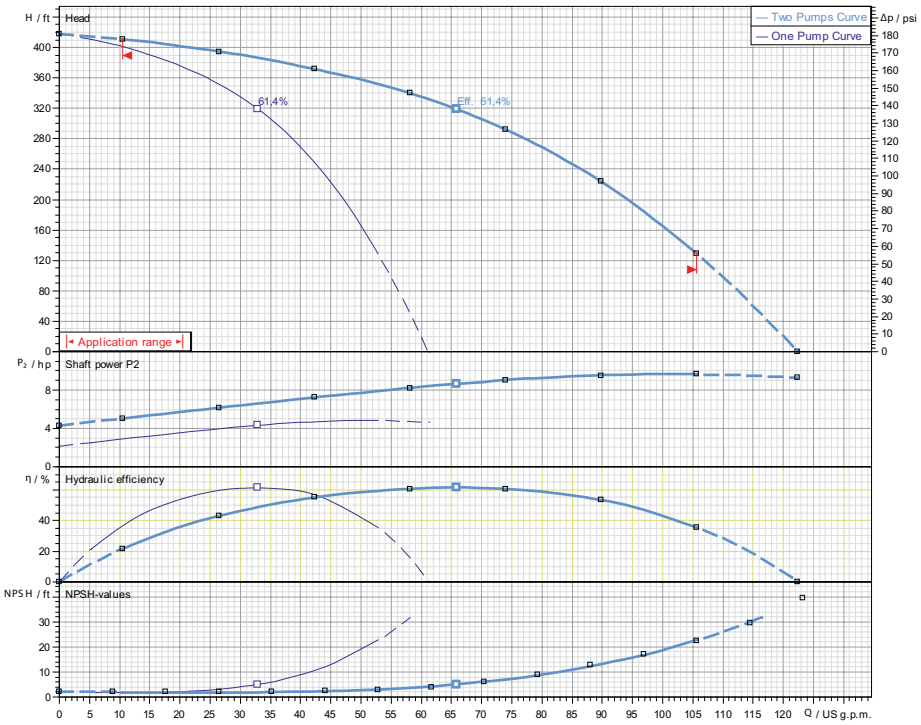
Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-10-1/5/VCE

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

Tag #	Model #	Flow	BOOST PSI	Min. Inlet PSI	HP/Pump	Phase	Voltage	RPM
	CO-2 HELIX V30-10-1/5/VCE				5		3600	



Applications

- Water Supply
- Pressure Boosting
- Agriculture
- Cooling Circuits
- Washing / Sprinkling Systems
- Condensate Return

Materials of Construction

Pump Volute	AISI304 stainless steel with ANSI flanges
Impeller	3D Laser welded AISI 304 Stainless Steel
Shaft	AISI304, AISI318 LN, or AISI431 Stainless Steel
Elastomers	EPDM
Isolation Valves	304 Stainless Steel Ball Valves
Check Valves	316 Stainless Steel, Non-slam, Plunger-type with EPDM seal
Mechanical Seal	Cartridge Seal: Sleeve AISI316L / Spring Clips AISI304
Pressure Transducers	316 Stainless Steel
Pressure Guages	304 Stainless Steel Housing with 316 Stainless Steel wetted parts
System base	Steel (S235JR)
Vibration Isolators	Neoprene, Height Adjustable

Technical Data – Operational Ranges

Liquid Temp Range	-4°F to +248°F (Min. 32 °F for Domestic Water)
Ambient Temp Range	+32°F to +104 °F
Max Inlet Pressure	145 PSI
Max System Pressure	232 PSI

Technical Data – Panel

Power Supply	208-230/460~3 or 575~3
Enclosure	NEMA 12 (3R Availible Upon Request)
Standard	Meets UL 508A
Variable Frequency Drives	Danfoss FC-51 (1-10 HP for 208-23/460v~3) Danfoss FC-101 (1-10 HP for 575v~3)

Technical Data – PLC

User Interface	7" Diagonal Color LCD Touchscreen
Display Resolution	800 x 480 Pixels
Supply Voltage	24VDC
Max. Current Consumption	320mA@24V
Number of Analog Inputs	9
Number of Analog Outputs	2
Number of Digital Inputs	18
Number of Digital Outputs	17
Onboard Communications	Modbus Protocol (Optional Gateways for BacNET, LonWorks, and CANbus)
Ethernet Port	RJ45 port capable of transmitting data 10/100Mbps
Additional Ports	2.0 USB Port; Micro-SD Port

Motor Data

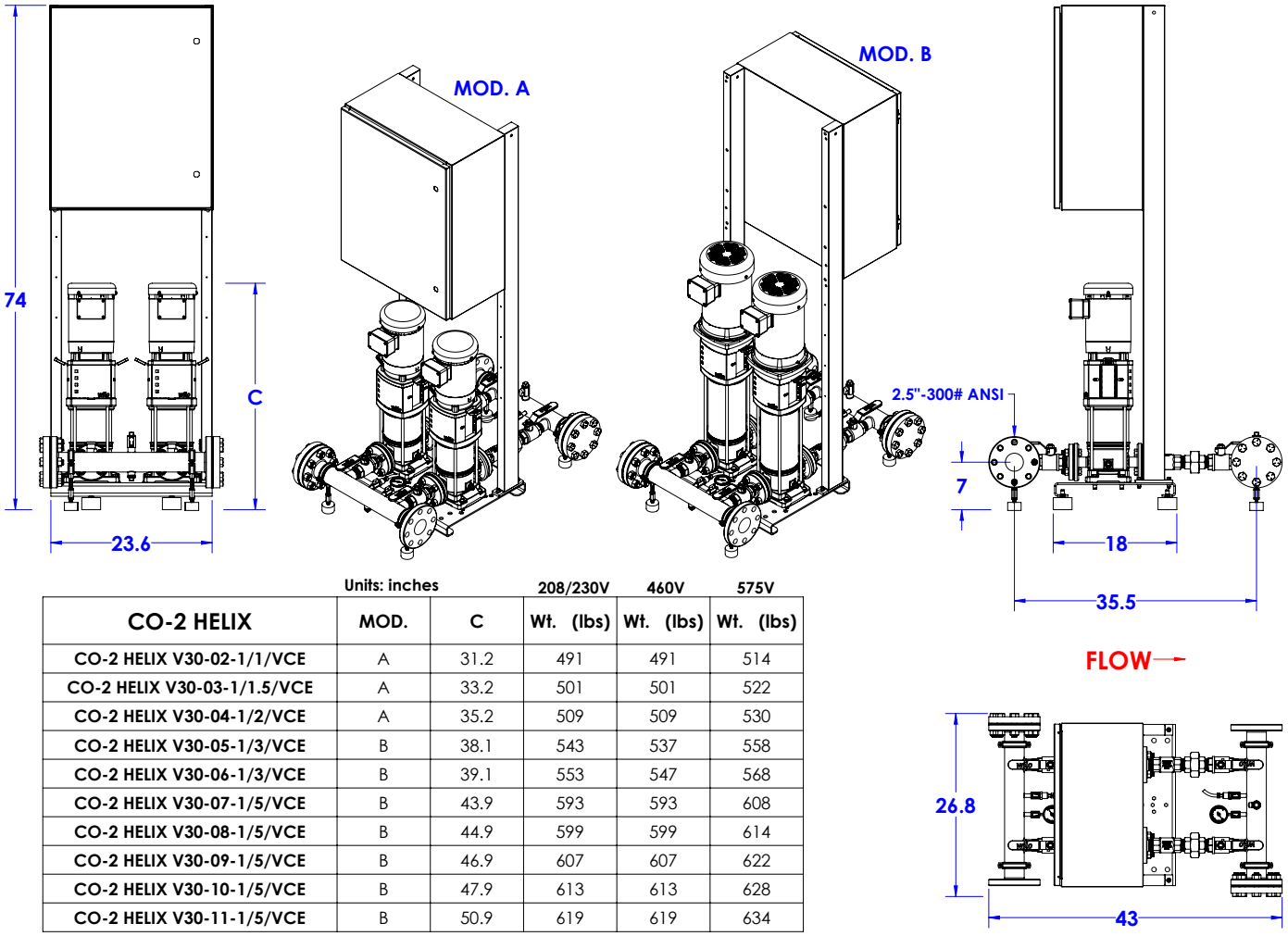
Power Supply	208-230~3 or 460~3 or 575~3
Motor Enclosure	Totally Enclosed Fan Cooled (TEFC)
Motor Efficiency	Nema Premium Efficiency (IE3) - Meets NEMA 12-12 Rule
Enclosure Construction	Rolled Steel / Cast Iron
Motor Protection Index	IP54
Insulation Class	F

Approval Stamp

Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-10-1/5/VCE



Units: inches

CO-2 HELIX	MOD.	C	208/230V Wt. (lbs)	460V Wt. (lbs)	575V Wt. (lbs)
CO-2 HELIX V30-02-1/1/VCE	A	31.2	491	491	514
CO-2 HELIX V30-03-1/1.5/VCE	A	33.2	501	501	522
CO-2 HELIX V30-04-1/2/VCE	A	35.2	509	509	530
CO-2 HELIX V30-05-1/3/VCE	B	38.1	543	537	558
CO-2 HELIX V30-06-1/3/VCE	B	39.1	553	547	568
CO-2 HELIX V30-07-1/5/VCE	B	43.9	593	593	608
CO-2 HELIX V30-08-1/5/VCE	B	44.9	599	599	614
CO-2 HELIX V30-09-1/5/VCE	B	46.9	607	607	622
CO-2 HELIX V30-10-1/5/VCE	B	47.9	613	613	628
CO-2 HELIX V30-11-1/5/VCE	B	50.9	619	619	634

Special Note: All weights and dimensions are approximate and should not be used as exact rough-in dimensions

TEFC Motor Data						Dimensions				
	P2	Phase	Voltage	FLA (per pump)	Pmax	Dimensions-inches				Individual Pump Weight
Model	(HP)	(~)	(V)	(A)	(PSI)	Suction / Discharge Pump Size (300 Class ANSI)	Gauge Tap Size	Transducer Tap Size	Hydronumatic Tank Valve on Manifold (Plugged)	Pump Weight (lbs)
CO-2 HELIX V30-10-1/5/VCE	5	3	208-230/460/575	12-11.8/5.9/4.7	232	1-1/4"	1/4" FNPT	1/4" FNPT	3/4" MNPT x 3/4" FNPT	146

WILO USA LLC +1 262 204-6600
www.wilo-usa.com
info@wilo-usa.com

WILO Canada Inc. +1 403 276-9456
www.wilo-canada.com
info@wilo-canada.com

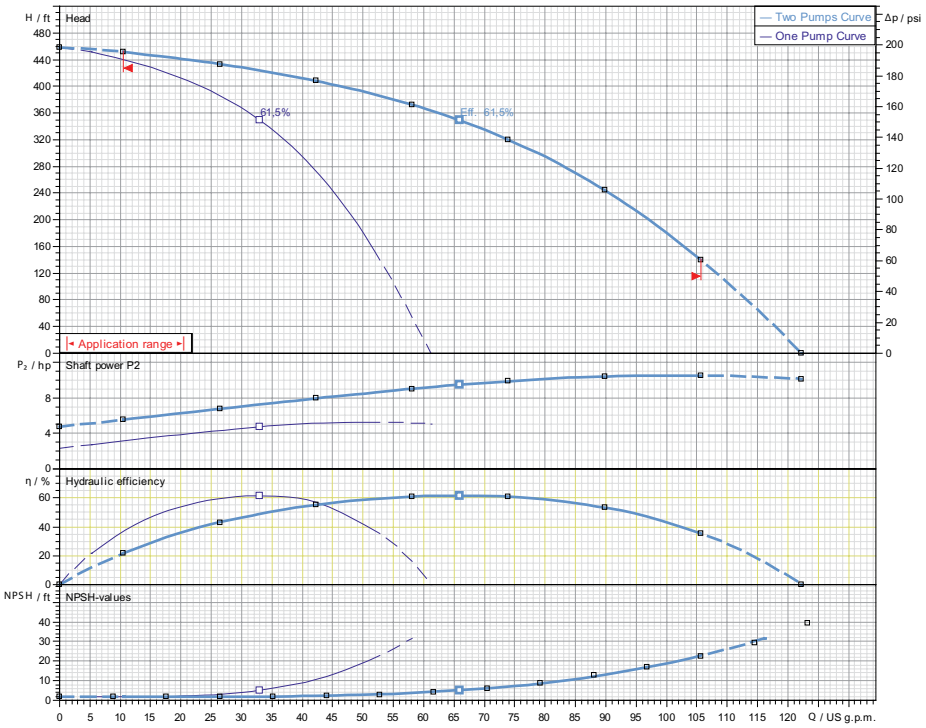
Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-11-1/5/VCE

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

Tag #	Model #	Flow	BOOST PSI	Min. Inlet PSI	HP/Pump	Phase	Voltage	RPM
	CO-2 HELIX V30-11-1/5/VCE				5			3600



Applications

- Water Supply
- Pressure Boosting
- Agriculture
- Cooling Circuits
- Washing / Sprinkling Systems
- Condensate Return

Materials of Construction

Pump Volute	AISI304 stainless steel with ANSI flanges
Impeller	3D Laser welded AISI 304 Stainless Steel
Shaft	AISI304, AISI318 LN, or AISI431 Stainless Steel
Elastomers	EPDM
Isolation Valves	304 Stainless Steel Ball Valves
Check Valves	316 Stainless Steel, Non-slam, Plunger-type with EPDM seal
Mechanical Seal	Cartridge Seal: Sleeve AISI316L / Spring Clips AISI304
Pressure Transducers	316 Stainless Steel
Pressure Guages	304 Stainless Steel Housing with 316 Stainless Steel wetted parts
System base	Steel (S235JR)
Vibration Isolators	Neoprene, Height Adjustable

Technical Data – Operational Ranges

Liquid Temp Range	-4°F to +248°F (Min. 32 °F for Domestic Water)
Ambient Temp Range	+32°F to +104 °F
Max Inlet Pressure	145 PSI
Max System Pressure	363 PSI

Technical Data – Panel

Power Supply	208-230/460~3 or 575~3
Enclosure	NEMA 12 (3R Availible Upon Request)
Standard	Meets UL 508A
Variable Frequency Drives	Danfoss FC-51 (1-10 HP for 208-23/460v~3) Danfoss FC-101 (1-10 HP for 575v~3)

Technical Data – PLC

User Interface	7" Diagonal Color LCD Touchscreen
Display Resolution	800 x 480 Pixels
Supply Voltage	24VDC
Max. Current Consumption	320mA@24V
Number of Analog Inputs	9
Number of Analog Outputs	2
Number of Digital Inputs	18
Number of Digital Outputs	17
Onboard Communications	Modbus Protocol (Optional Gateways for BacNET, LonWorks, and CANbus)
Ethernet Port	RJ45 port capable of transmitting data 10/100Mbps
Additional Ports	2.0 USB Port; Micro-SD Port

Motor Data

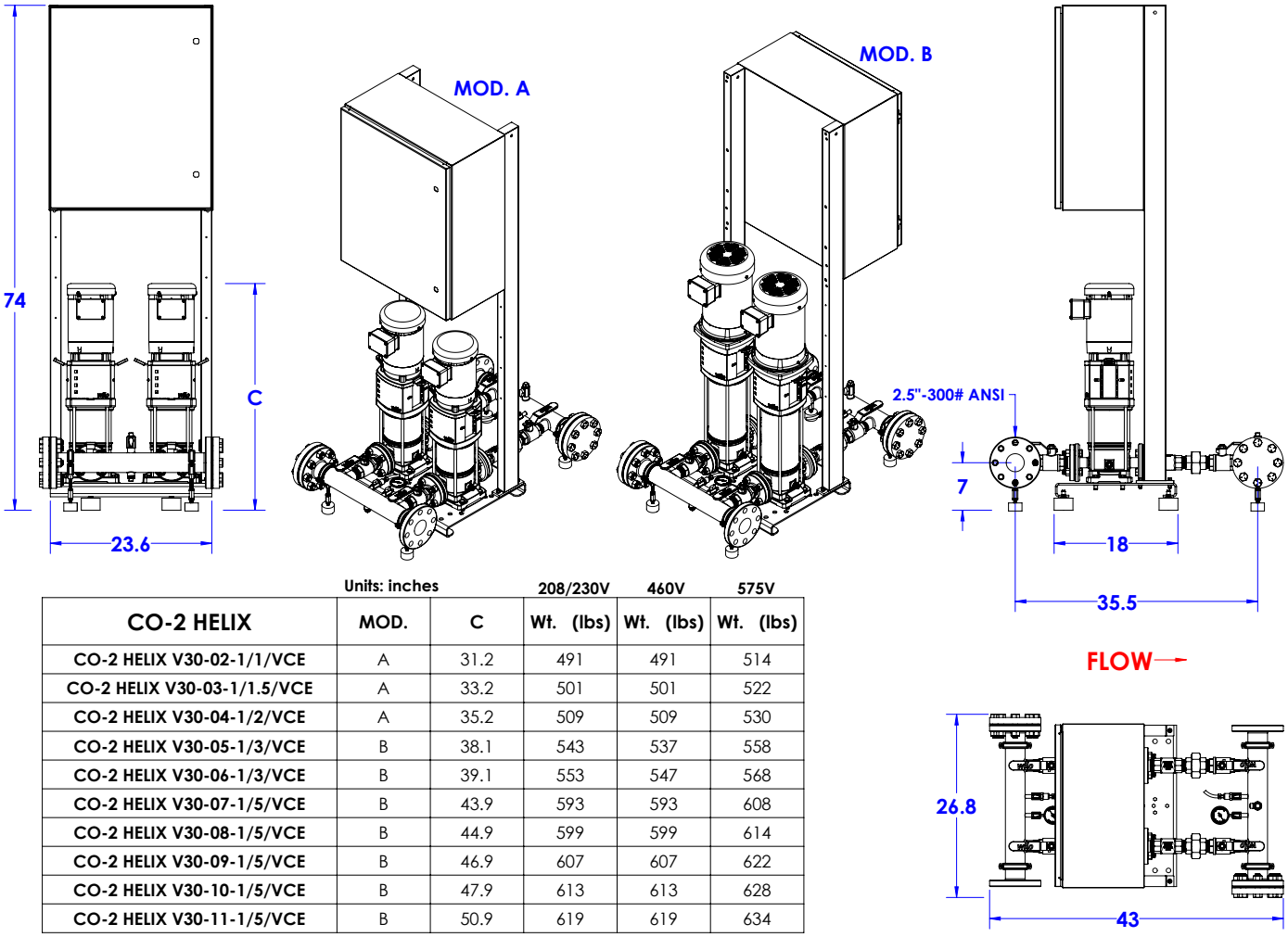
Power Supply	208-230~3 or 460~3 or 575~3
Motor Enclosure	Totally Enclosed Fan Cooled (TEFC)
Motor Efficiency	Nema Premium Efficiency (IE3) - Meets NEMA 12-12 Rule
Enclosure Construction	Rolled Steel / Cast Iron
Motor Protection Index	IP54
Insulation Class	F

Approval Stamp

Submittal Data Sheet

Wilo CO-Helix – NSF 61/372 Pressure Boosting System

CO-2 HELIX V30-11-1/5/VCE



	Units: inches		208/230V	460V	575V
CO-2 HELIX	**MOD.**	**C**	**Wt. (lbs)**	**Wt. (lbs)**	**Wt. (lbs)**
CO-2 HELIX V30-02-1/1/VCE	A	31.2	491	491	514
CO-2 HELIX V30-03-1/1.5/VCE	A	33.2	501	501	522
CO-2 HELIX V30-04-1/2/VCE	A	35.2	509	509	530
CO-2 HELIX V30-05-1/3/VCE	B	38.1	543	537	558
CO-2 HELIX V30-06-1/3/VCE	B	39.1	553	547	568
CO-2 HELIX V30-07-1/5/VCE	B	43.9	593	593	608
CO-2 HELIX V30-08-1/5/VCE	B	44.9	599	599	614
CO-2 HELIX V30-09-1/5/VCE	B	46.9	607	607	622
CO-2 HELIX V30-10-1/5/VCE	B	47.9	613	613	628
CO-2 HELIX V30-11-1/5/VCE	B	50.9	619	619	634

Special Note: All weights and dimensions are approximate and should not be used as exact rough-in dimensions

TEFC Motor Data						Dimensions				
	P2	Phase	Voltage	FLA (per pump)	Pmax	Dimensions-inches				Individual Pump Weight
Model	**(HP)**	**(~)**	**(V)**	**(A)**	**(PSI)**	**Suction / Discharge Pump Size (300 Class ANSI)**	**Gauge Tap Size**	**Transducer Tap Size**	**Hydronumatic Tank Valve on Manifold (Plugged)**	**Pump Weight (lbs)**
CO-2 HELIX V30-11-1/5/VCE	5	3	208-230/460/575	12-11.8/5.9/4.7	363	1-1/4"	1/4" FNPT	1/4" FNPT	3/4" MNPT x 3/4" FNPT	149

WILO USA LLC +1 262 204-6600
www.wilo-usa.com
info@wilo-usa.com

WILO Canada Inc. +1 403 276-9456
www.wilo-canada.com
info@wilo-canada.com