

Submittal Data Sheet

Packaged Booster Systems

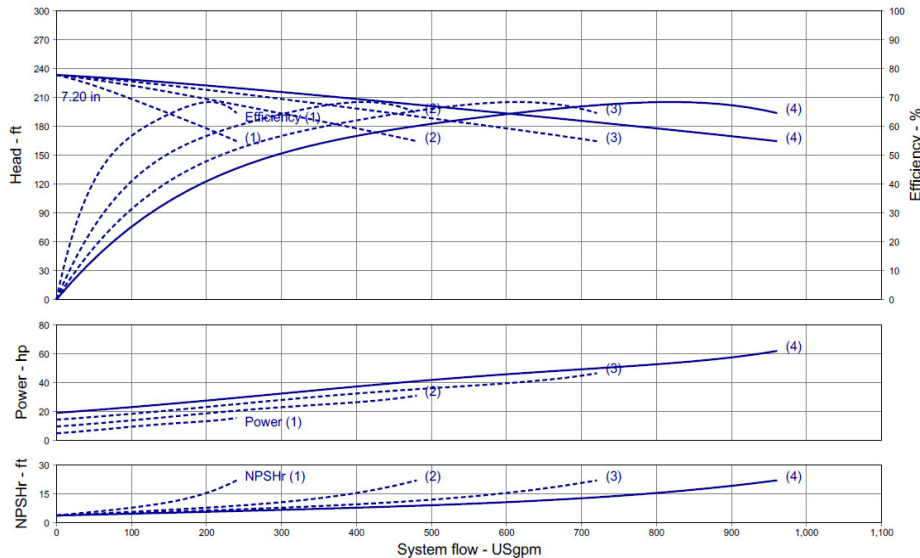


Wilo-WiBooster



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

Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 4/325/B			15	60Hz		



Product Info

Brand	Wilo
Product Description	WiBooster 4/325/B

Construction Materials

Pump Volute	304 Stainless Steel
Impeller	304 Stainless Steel
Shaft	304 Stainless Steel
Elastomers	EPDM
Isolation Valves	Butterfly, SS Stem/Disc, EPDM Seal
Manifolds	304 Stainless Steel, ANSI-Flanged
Check Valves	Stainless Steel, Non-Slam, Plunger Type with EPDM Seal
Mechanical Seal	Type 21
Pressure Transducers	316 Stainless Steel
Pressure Gauges	304/316 Stainless Steel
System Base	Nickel Plated Steel
Vibration Isolators	Neoprene, Height-Adjustable

Motor Data

Motor Power Supply	3~208-230/460/575V
Enclosure	ODP/TEFC
Efficiency	NEMA Premium
Horsepower/Pump	15
Enclosure Material	Rolled Steel/Cast Iron
Motor Protection Class	IP54
Insulation Class	F

Hydraulic Data

Max Operating Pressure	150 PSI
Max Inlet Pressure	75 PSI
Min. Fluid Temp.	40°F
Max Fluid Temp.	140°F
Min. Ambient Temp	32°F
Max. Ambient Temp	104°F

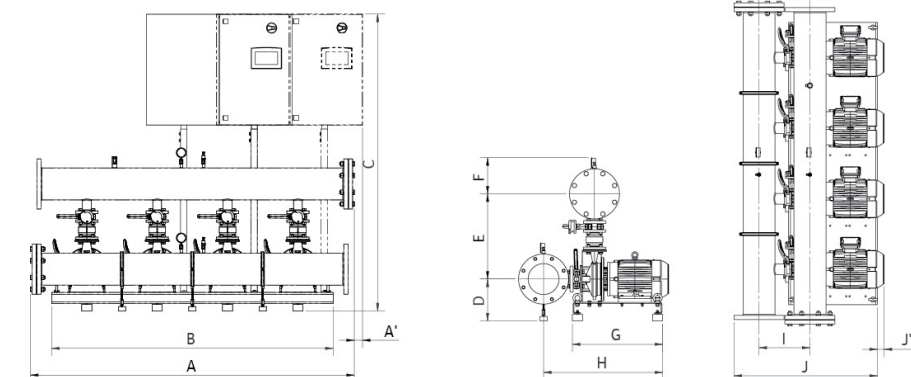
Panel Info

Power Supply	1~230, 3~208-230/460/575
Enclosure	NEMA 12 (3R Available on Request)
Standard	Meets UL 508A
VFD's	Danfoss FC-51 /FC-101

PLC Info

User Interface	7" Color Touchscreen
Display Resolution	800 x 480 Pixels
Supply Voltage	24VDC
Max Current	320mA @24V
Analog Inputs/Outputs	9/2
Digital Inputs/Outputs	18/17
Communications	ModBUS Standard (BacNET, LONWorks Optional)
Ethernet Port	RJ45 (10/100Mbps)
Additional Ports	USB 2.0, Micro-SD

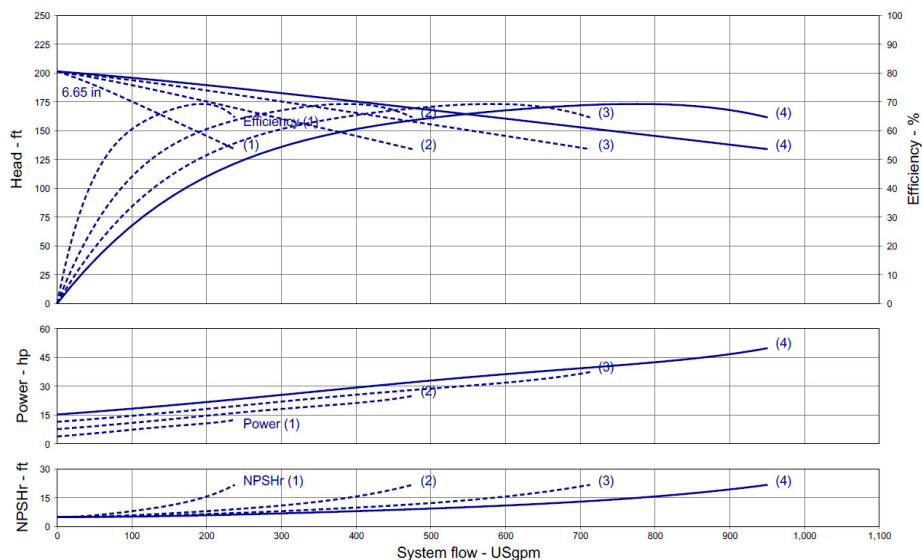
Approval Stamp



Dimensions	Full Flow Connection (in)			Half Flow Connection (in)		
	1-3-230	3~208-230	3~460	1-3-230	3~208-230	3~460
System Connection (150#)	x	8	8	x	6	6
A	x	87.4	87.4	x	87.2	87.2
A ₁	x	2.8	2.8	x	2.3	2.3
B	x	76	76	x	76	76
C	x	75	75	x	75	75
D	x	11.3	11.3	x	11.3	11.3
E	x	24	24	x	23	23
F	x	9.7	9.7	x	8.7	8.7
G	x	24.4	24.4	x	24.4	24.4
H	x	32.1	32.1	x	32.1	32.1
I	x	13.7	13.7	x	12.8	12.8
J	x	38.7	38.7	x	36.4	36.4
J ₁	x	1.6	1.6	x	1.6	1.6
Panel Dimensions (HxWxD)	x	30x39x12	30x39x12	x	30x39x12	30x39x12
Full Load Amps (per pump)	x	37.4-34.0	17.0	x	37.4-34.0	17.0
Panel Weight (lbs)	x	223.7	209.3	x	223.7	209.3
Pump Weight (ea - lbs)	x	212	212	x	212	212
System Weight (lbs)	x	1960	1945	x	1845	1830

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	WiBooster 4/325/C			10	60Hz		



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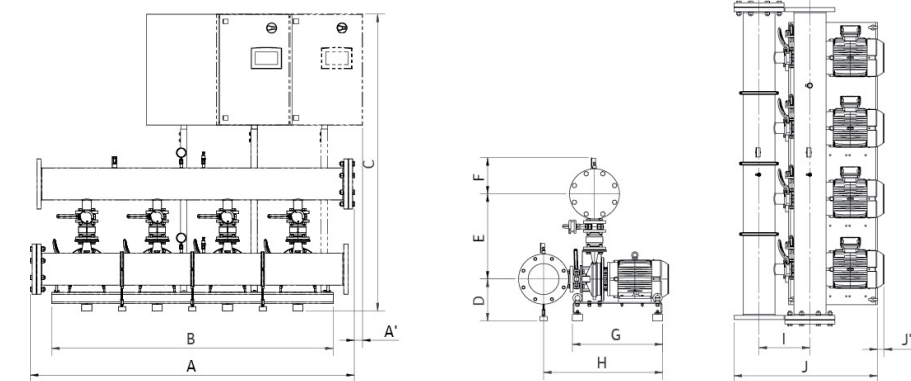
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Dimensions

System Connection (150#)	x	8	8	8	x	6	6	6
A	x	87.4	87.4	87.4	x	87.2	87.2	87.2
A ₁	x	2.8	x	x	x	2.3	x	x
B	x	76	76	76	x	76	76	76
C	x	75	75	75	x	75	75	75
D	x	11.3	11.3	11.3	x	11.3	11.3	11.3
E	x	24	24	24	x	23	23	23
F	x	9.7	9.7	11	x	8.7	8.7	10
G	x	24.4	24.4	24.4	x	24.4	24.4	24.4
H	x	32.1	32.1	32.2	x	32.1	32.1	32.1
I	x	13.7	13.7	13.7	x	12.8	12.8	12.8
J	x	38.7	38.7	38.7	x	36.4	36.4	36.4
J ₁	x	1.6	1.6	1.6	x	1.6	1.6	1.6
Panel Dimensions (HxWxD)	x	30x39x12	30X30X10	30X30X10	x	30x39x12	30X30X10	30X30X10
Full Load Amps (per pump)	x	26.4-24.0	12.0	9.5	x	26.4-24.0	12.0	9.5
Panel Weight (lbs)	x	209.7	139	190	x	209.7	139	190
Pump Weight (ea – lbs)	x	211	211	211	x	211	211	211
System Weight (lbs)	x	1940	1870	1920	x	1825	1755	1805