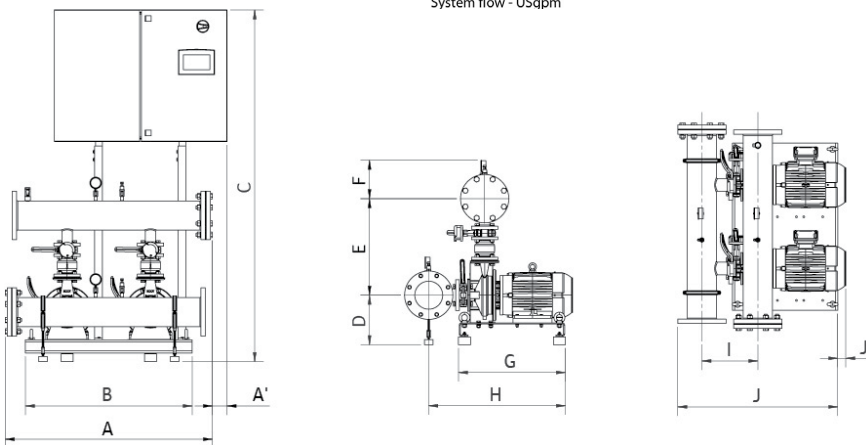
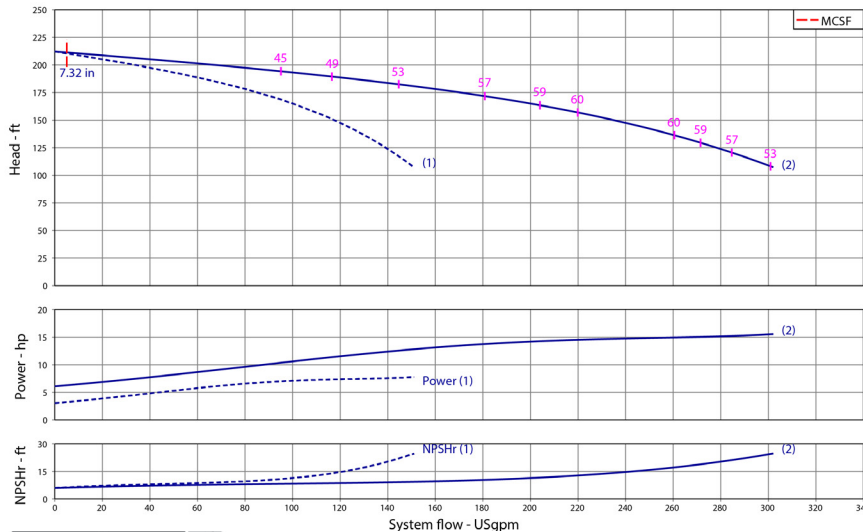


Wilo-WiBooster

		Project:					
		Engineer:					
		Contractor:					
		Submitted By:			Date:		
		Approved By:			Date:		
Tag #	Model #	Flow	Head	HP/Pump	Cycle	Phase	Voltage
	WiBooster 2/322/B			7.5	60Hz		



Product Info

Brand: Wilo
Product Description: WiBooster 2/322/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: 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: 7.5
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

Dimensions	Full Flow Connection (in)				Half Flow Connection (in)			
	1-3-230	3-208-230	3-460	3-575	1-3-230	3-208-230	3-460	3-575
System Connection (150#)	4	4	4	4	3	3	3	3
A	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
A ₁	3.5	x	x	x	3.5	x	x	x
B	38	38	38	38	38	38	38	38
C	75	75	75	75	75	75	75	75
D	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
E	20.5	20.5	20.5	20.5	19.5	19.5	19.5	19.5
F	7.7	7.7	7.7	9	7.2	7.2	7.2	8.5
G	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
H	29	29	29	29	28	28	28	28
I	9.8	9.8	9.8	9.8	8.8	8.8	8.8	8.8
J	33.3	33.3	33.3	33.3	31.5	31.5	31.5	31.5
J ₁	x	x	x	x	x	x	x	x
Panel Dimensions (HxWxD)	30x39x12	30X24X10	30X24X10	30X24X10	30x39x12	30X24X10	30X24X10	30X24X10
Full Load Amps (per pump)	18.7-17.0	18.7-17.0	8.5	6.8	18.7-17.0	18.7-17.0	8.5	6.8
Panel Weight (lbs)	125.7	125.7	105.3	130	125.7	125.7	105.3	130
Pump Weight (ea - lbs)	143	143	143	143	143	143	143	143
System Weight (lbs)	810	810	770	815	770	770	730	775

