



3" BFK & BFV Series

SUBMERSIBLE SEWAGE PUMPS



Bell & Gossett

a xylem brand

FEATURES

SELF-CLEANING: The patented design of the self-cleaning K-impeller has been proven to reduce clogging and maintain efficiency when pumping wastewater

SOLIDS HANDLING: The vortex impeller can handle solids up to 3" in size and resists clogging better than a traditional two-vane impeller

POWERFUL: An efficient air-filled motor provides built-in thermal overload protection allowing the pump to run continuously without overheating

ROBUST: Components are made from robust cast iron for long life and easy maintenance

DURABLE: Heavy-duty long life bearings provide peace of mind

SMOOTH: The double mechanical seal provides extra reliability and protects against leakage*

INSTALLATION OPTIONS: Pump has built-in dual seal and sensors for high temperature and seal leak detection which accommodate upgraded panel installations*

* Upgraded installation required for seal leak detection

APPLICATIONS

Used in a variety of residential, commercial and industrial applications such as:

- Sewage systems
- Flood and pollution control
- Dewatering/effluent
- Farms
- Hospitals
- Trailer courts
- Motels

SPECIFICATIONS

- **Capacities:**
3" Series: Up to 560 gpm
- **Total head:**
3" Series: Up to 157 feet TDH
- **Horsepower:**
3" Series: Up to 11 hp
- **Discharge size:**
3" Series: 3" ANSI flange

- **Insulation:** Class F: 310° F (155° C)
- **Maximum Fluid Temperature:** 104° F (40° C)
- **Phase:** Three-phase
- **Frequency:** 60 Hz
- **Impeller:**
BFK Series: Self-cleaning K-impeller
BFV Series: Vortex impeller
- **Motor:** Air-filled 3400 rpm motor with built-in thermal overload protection
- **Bearings:** Single row ball bearings
- **Upper-Lower Seal Configurations (configurations vary by model):**
– Carbon/Aluminum Oxide - Aluminum Oxide/WCCR
– Carbon/WCCR - WCCR/WCCR
- **Cable Length:** 50 ft (16 m) power cord

AGENCY LISTINGS



Tested to UL 778 and CSA 22.2 108 standards by Canadian Standards Association



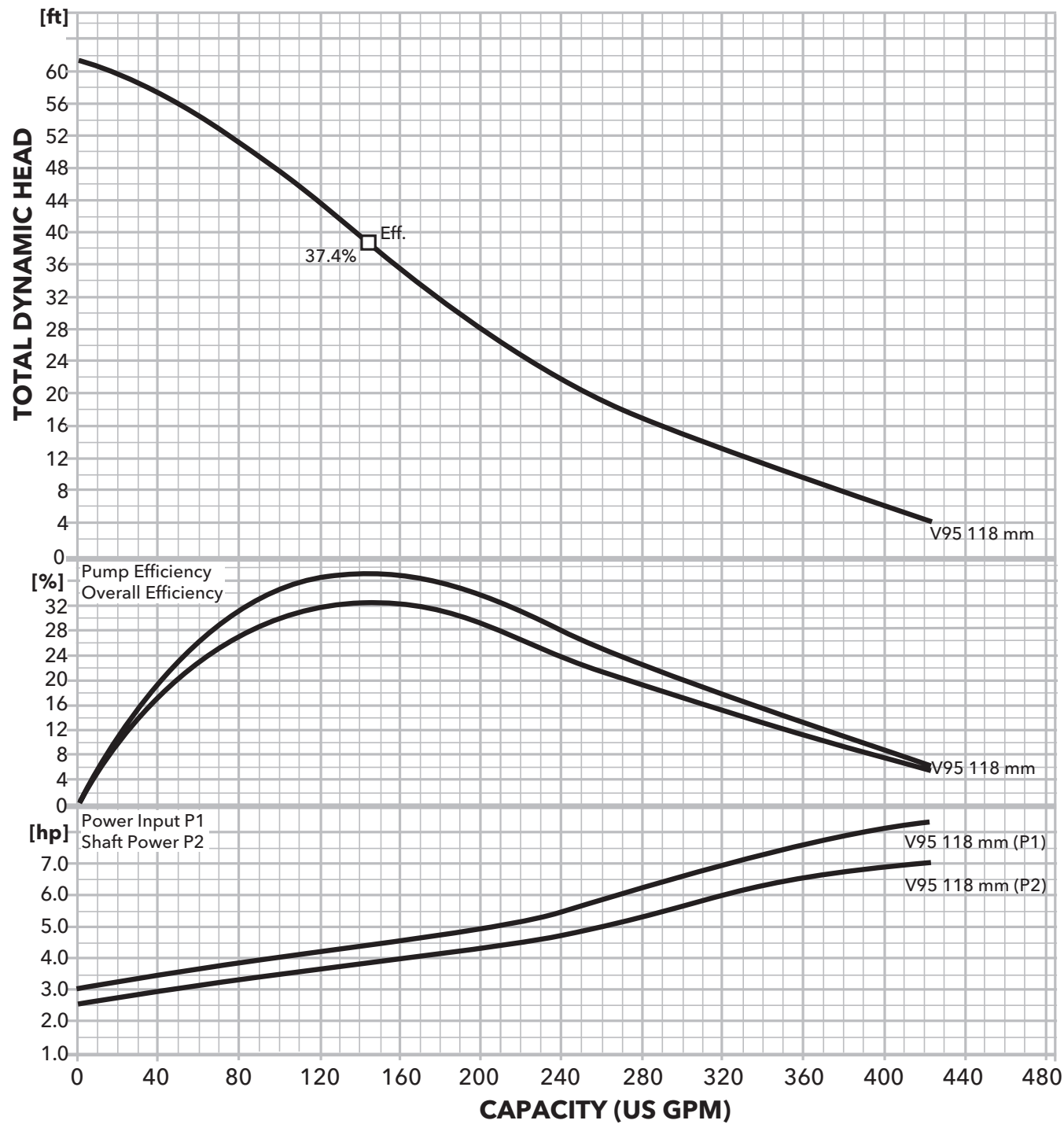
Upgraded installation requires MiniCAS module in control panel.

PRODUCT SPECIFICATIONS

B&G Part No.	HP	Phase	Hz	Voltage	Max Amps	Weight (lbs.)
3BFV6412P	6.4	3	60	200	18	210
3BFV6413P				230	16	
3BFV6414P				460	7.9	
3BFV6415P				575	6.3	
3BFV9512N	9.5			200	26	287
3BFV9513N				230	23	
3BFV9514N				460	12	
3BFV9515N				575	9.9	
3BFK3812T	3.8			200	12	67
3BFK3813T				230	10	
3BFK3814T				460	4.9	
3BFK3815T				575	3.8	
3BFK6412R	6.4			200	18	210
3BFK6413R				230	16	
3BFK6414R				460	7.9	
3BFK6415R				575	6.3	
3BFK9512M	9.5			200	26	287
3BFK9513M				230	23	
3BFK9514M				460	12	
3BFK9515M				575	9.9	
3BFK1112L	11			200	30	287
3BFK1113L				230	26	
3BFK1114L				460	13	
3BFK1115L				575	11	

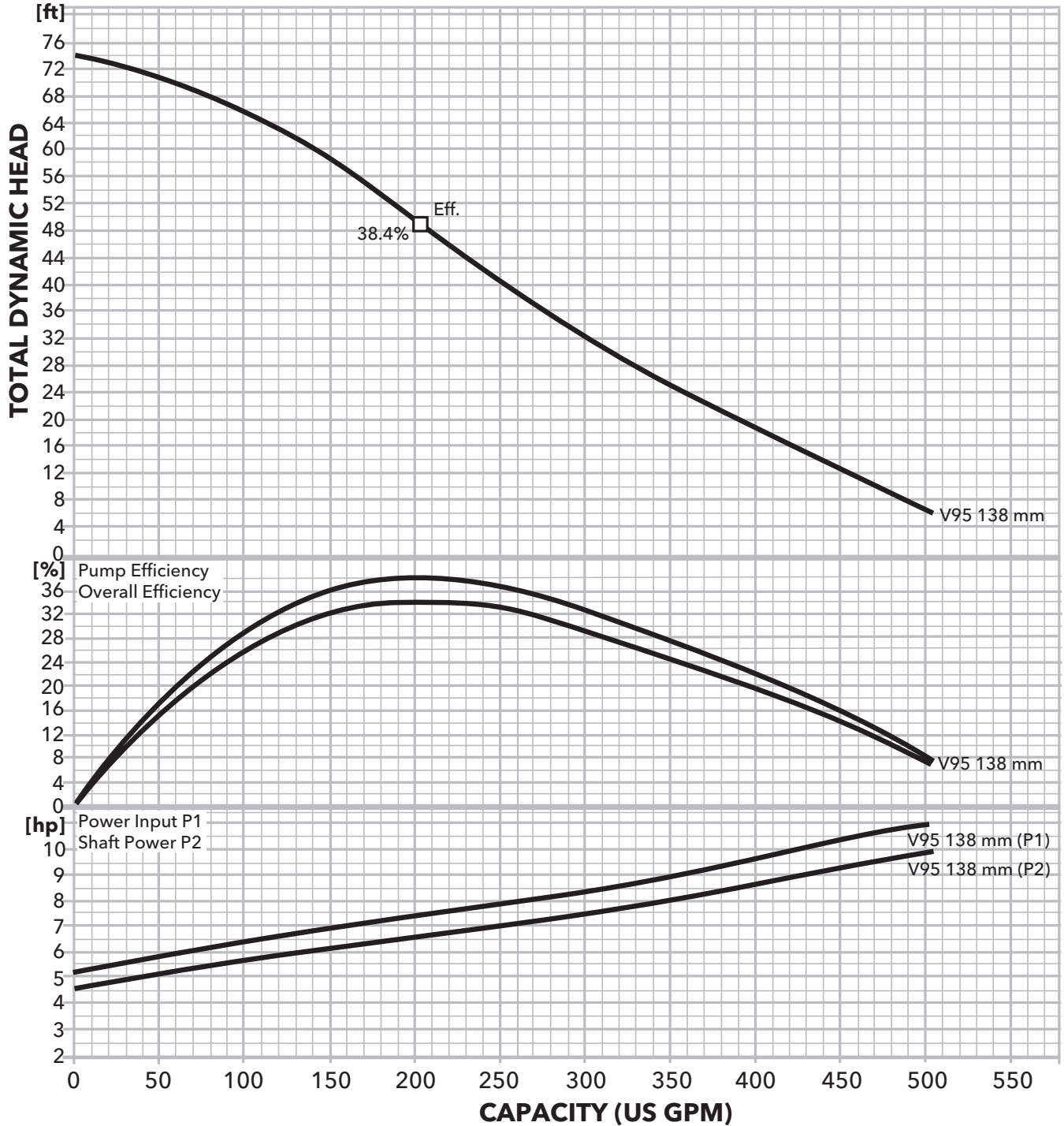
PERFORMANCE CURVES

3" BFV 6.4 HP - P



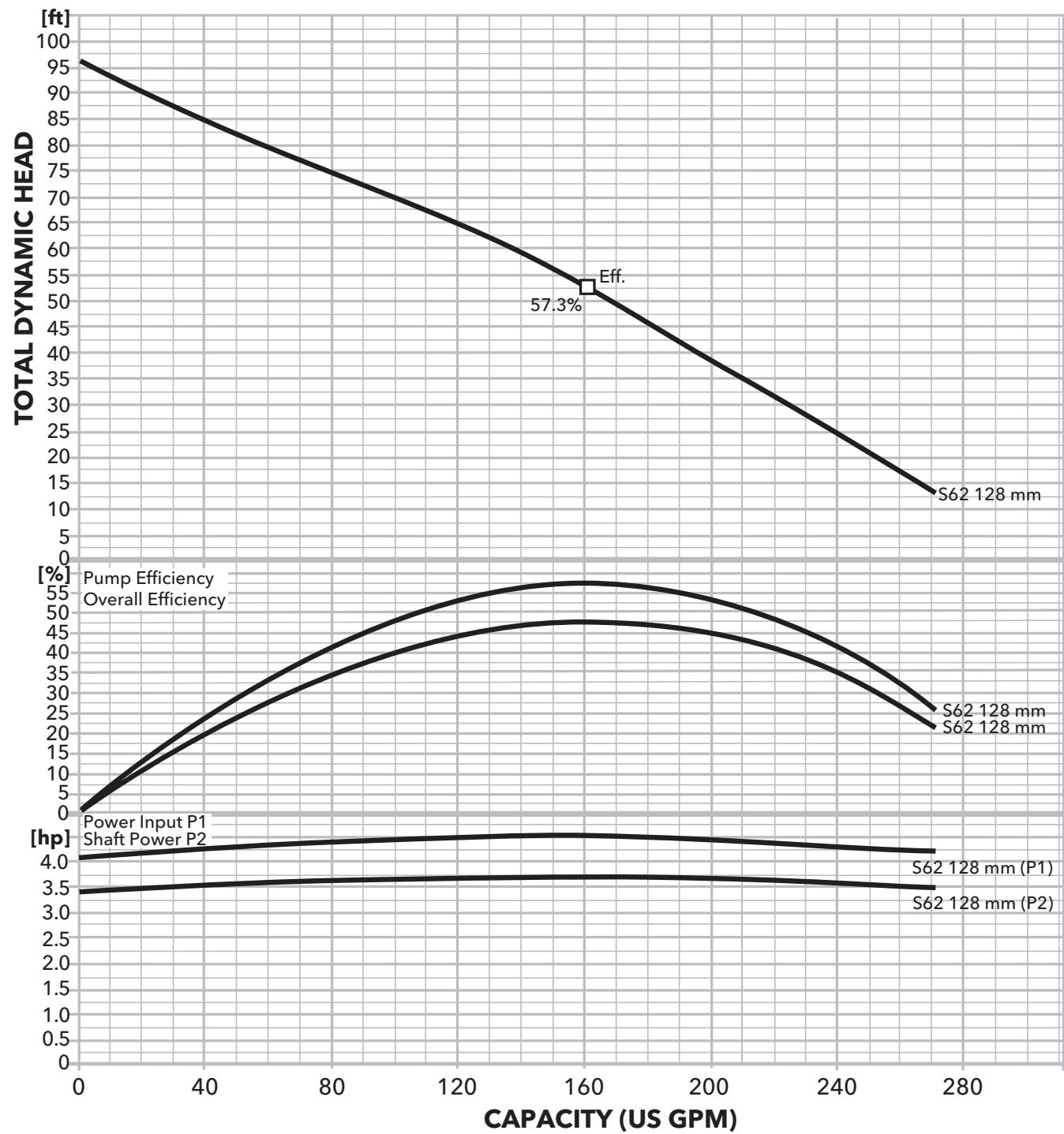
PERFORMANCE CURVES

3" BFV 9.5 HP - N



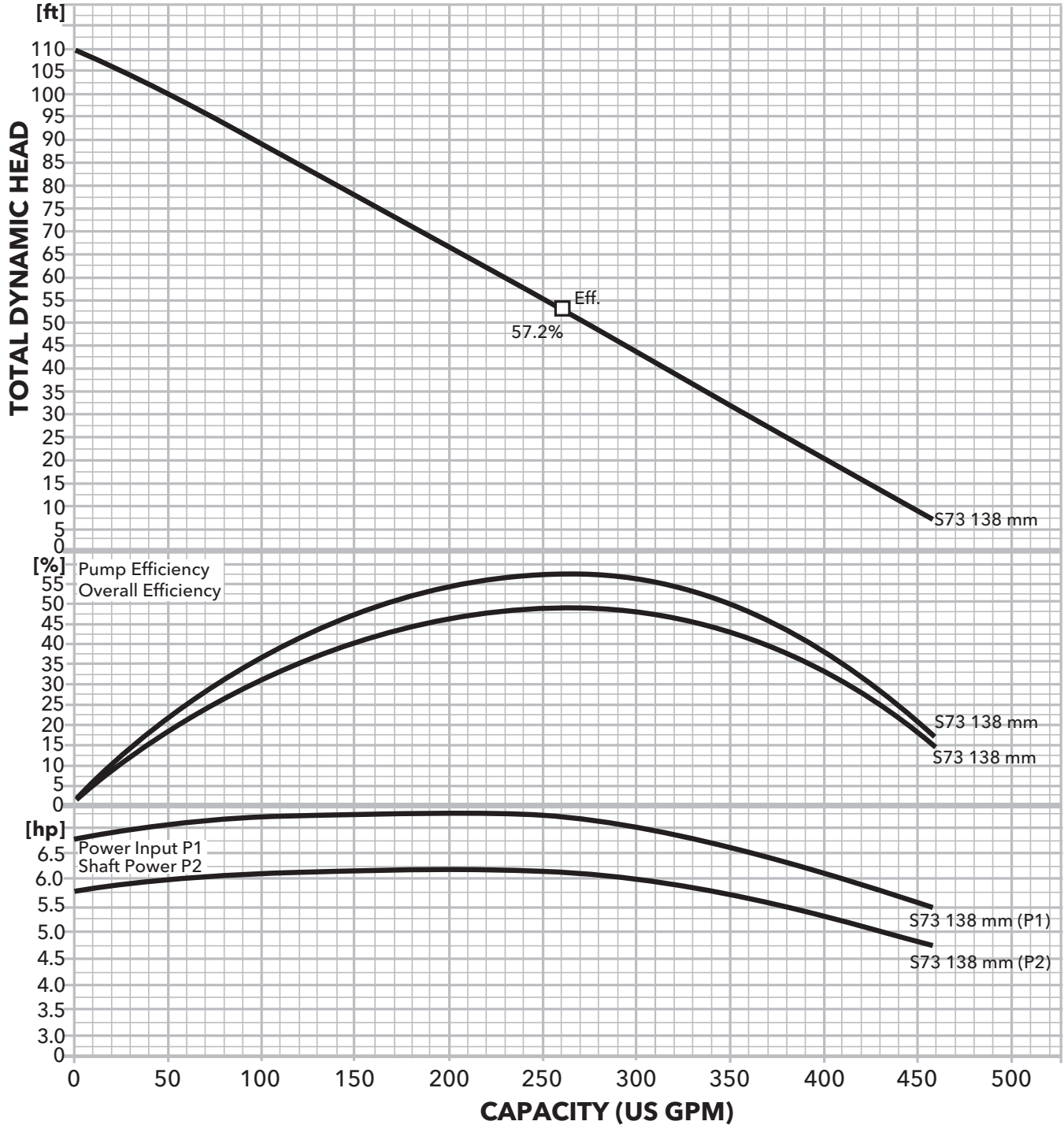
PERFORMANCE CURVES

3" BFK 3.8 HP - T



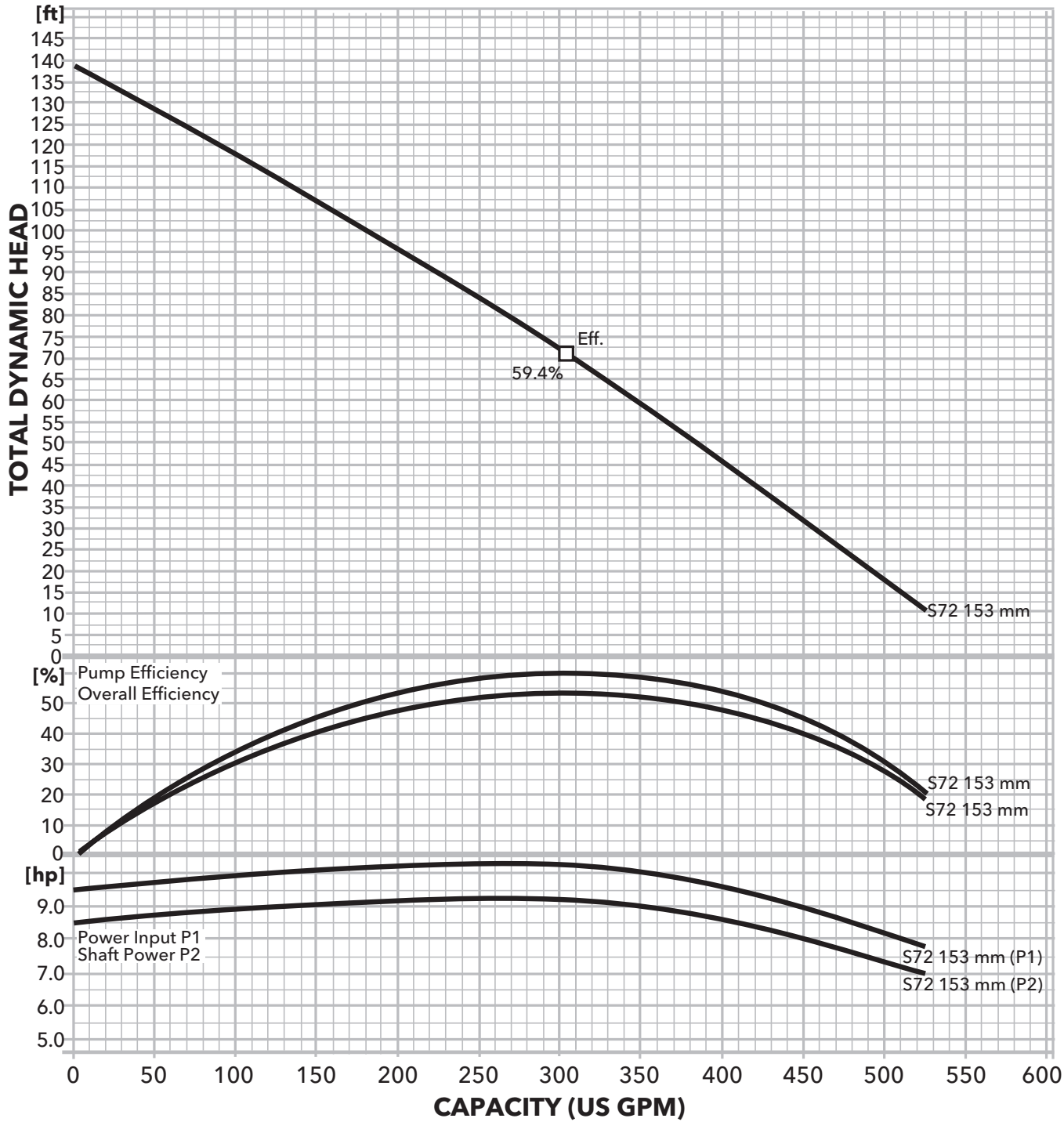
PERFORMANCE CURVES

3" BFK 6.4 HP - R



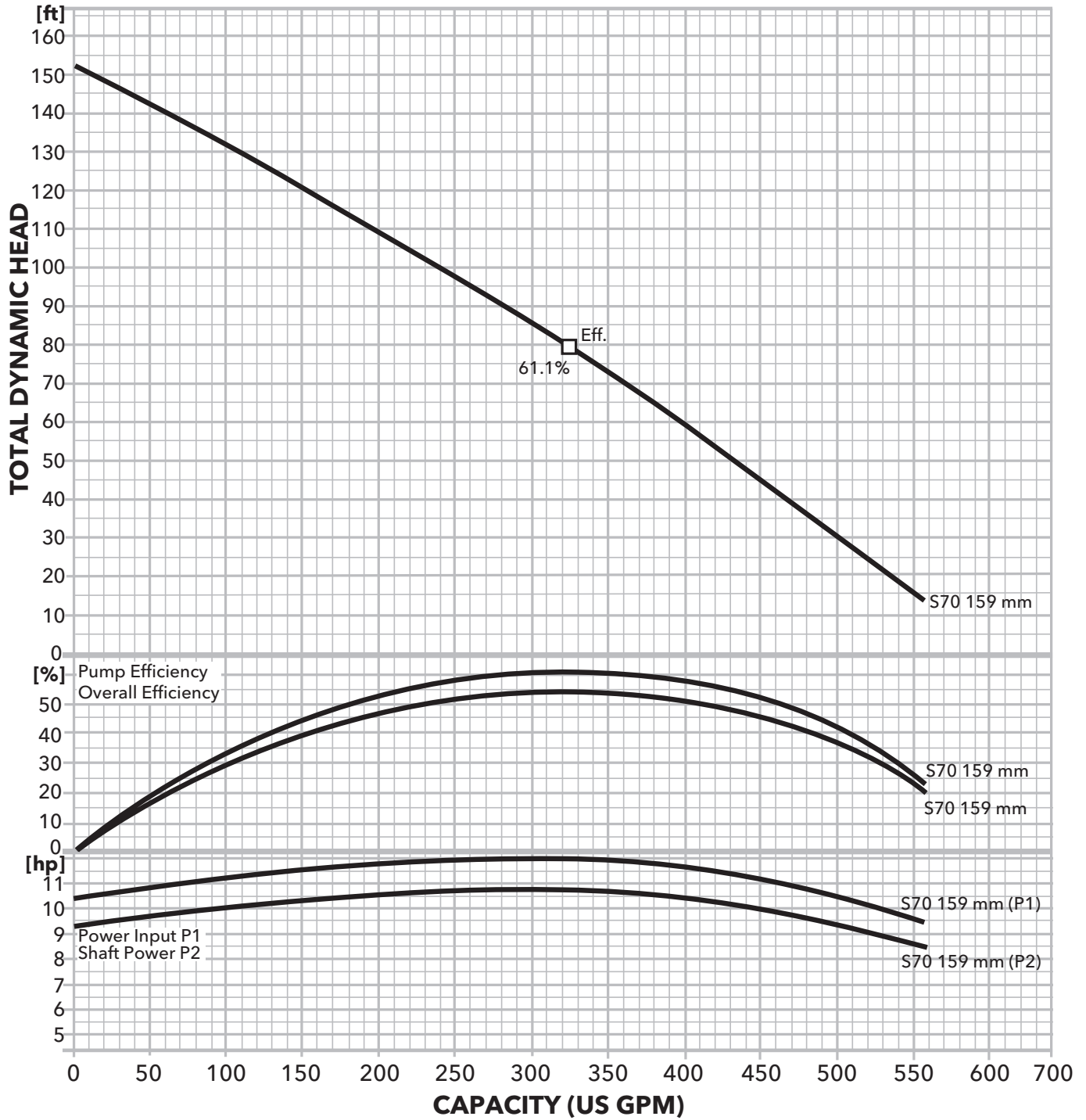
PERFORMANCE CURVES

3" BFK 9.5 HP - M

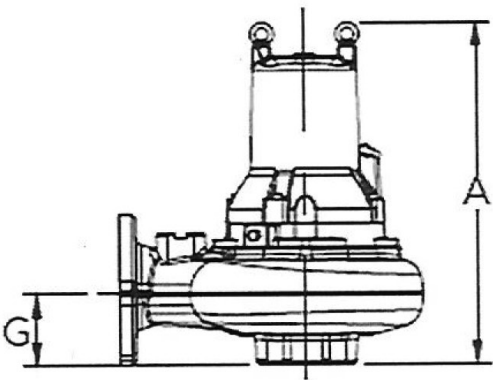
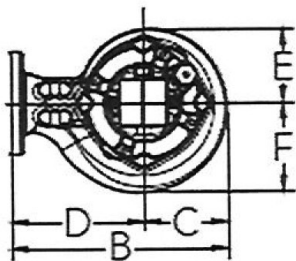


PERFORMANCE CURVES

3" BFK 11 HP - L



3" DIMENSIONS



3BFV64

- A = 20.59"
- B = 13.47"
- C = 5.59"
- D = 7.87"
- E = 5.67"
- F = 5.71"
- G = 3.94"

3BFV95

- A = 23.31"
- B = 20.49"
- C = 8.39"
- D = 12.21"
- E = 7.64"
- F = 9.13"
- G = 4.61"

3BFK38

- A = 17.99"
- B = 12.52"
- C = 4.65"
- D = 7.87"
- E = 4.06"
- F = 4.84"
- G = 3.94"

3BFK64

- A = 20"
- B = 14.84"
- C = 5.79"
- D = 9.06"
- E = 5.75"
- F = 5.83"
- G = 3.54"

3BFK95 3BFK11

- A = 22.44"
- B = 16.73"
- C = 6.50"
- D = 10.24"
- E = 5.95"
- F = 6.77"
- G = 3.54"

NOTES

Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xyleminc.com



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