

Sanitary Centrifugal Pumps



FT Series

Fristam Pumps...
Performance You've Come to Expect



FT Series: A New Standard of Value for Transfer Pumps

Fristam Pumps, Inc.

Fristam is an international manufacturer of sanitary centrifugal and positive displacement pumps respected for performance, reliability and technical superiority. Fristam's FT Series transfer pump provides new capabilities for standard duties.

High Quality, High Performance, Competitive Price

For over 60 years, Fristam has been the pump of choice for processors with demanding applications. Now Fristam has designed a new centrifugal pump series for standard duties. The new FT Series pump provides superior value by combining high quality and performance with competitive prices.

Developed for durability and simplified maintenance, the FT Series incorporates typical Fristam tight tolerances with 316L cast stainless steel components and an internal mechanical seal. The FT pump accommodates a broad range of applications and is designed for easy installation or retrofit.

FT Series Benefits

- Internal seal for long, trouble-free operation
- Tight tolerances for maximum efficiency
- Improved value

FT Series Features and Parameters

- 316L cast stainless steel components
- Mounts to C-face motor
- Bolted housing design eliminates body clamp
- Standard wetted surfaces 32 Ra (150 grit)
- Optional ID & OD finishes available
- Single mechanical internal seal only
- Self-aligning shaft
- Adjustable legs standard
- Optional casing drain
- Flow rates from 50 to 550 GPM
- Process temperatures up to 400°F
- For non-sticky products with viscosities to 300 cps
- Horsepower range up to 30 hp
- For non-vacuum applications

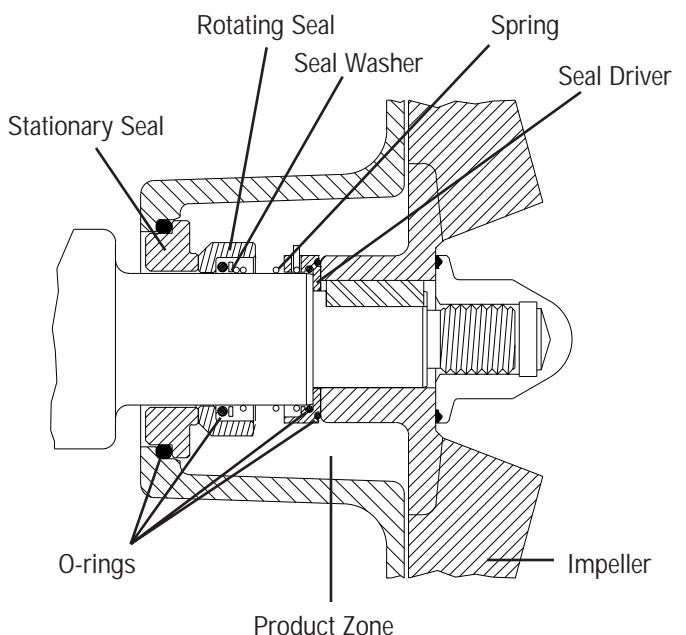
FT Seal Assembly

Seals are a key element of Fristam's reputation for outstanding performance. The FT Series seal is no exception. Designed for long service and continuous performance, this internal mechanical seal provides processors with cost savings through reduced maintenance and downtime.

- Standard seal materials: Chrome Oxide coated Stainless Steel vs. Carbon
- Optional Silicon Carbide seal available
- Viton elastomers standard with optional EPDM available

Benefits of the FT Internal Mechanical Seal Include:

- Simple to change.
- Longer life. The seal is kept cool and lubricated by running in product.
- Surge protection. The seal compresses during pressure surges (water hammer).
- Exceptional resistance to air introduction through the seal.
- Lower parts inventory. One size fits all models.
- Greater turbulence for better cleaning during CIP.
- Tension pre-set on spring. No adjustments necessary.
- High operating pressure capabilities. Maximum combined inlet and discharge pressures up to 250 psi.



Committed to Quality Products and Service

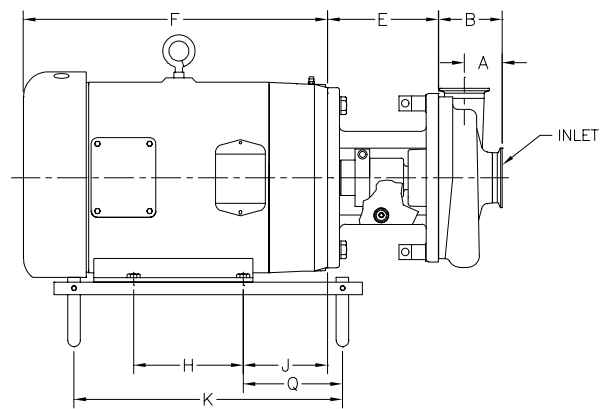
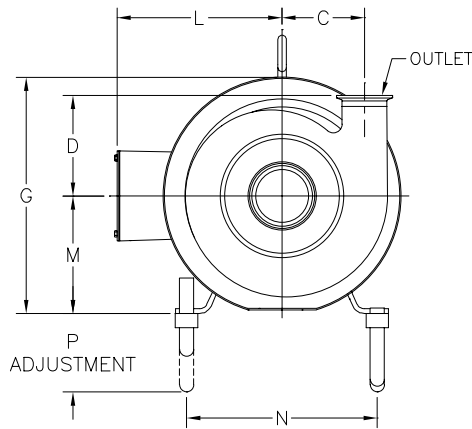
3-A, GMP, U.S.D.A., F.D.A. and ISO 9001

Fristam complies with and supports regulatory standards. FT Series pumps meet all applicable industry standards for performance, cleanliness and design. As a registered ISO 9001 company, Fristam is committed to consistent quality products.

Fristam's Commitment

Fristam Pumps manufactures the sturdiest pumps in the industry. Our design reduces repair/replacement costs, downtime and energy consumption. Fristam is one of the most accessible pump companies in the world. Fristam's dedication and quality service do not end with your initial purchase. An international network of manufacturing facilities, sales offices and distribution supports Fristam's commitment to customer satisfaction.

FT Dimensions

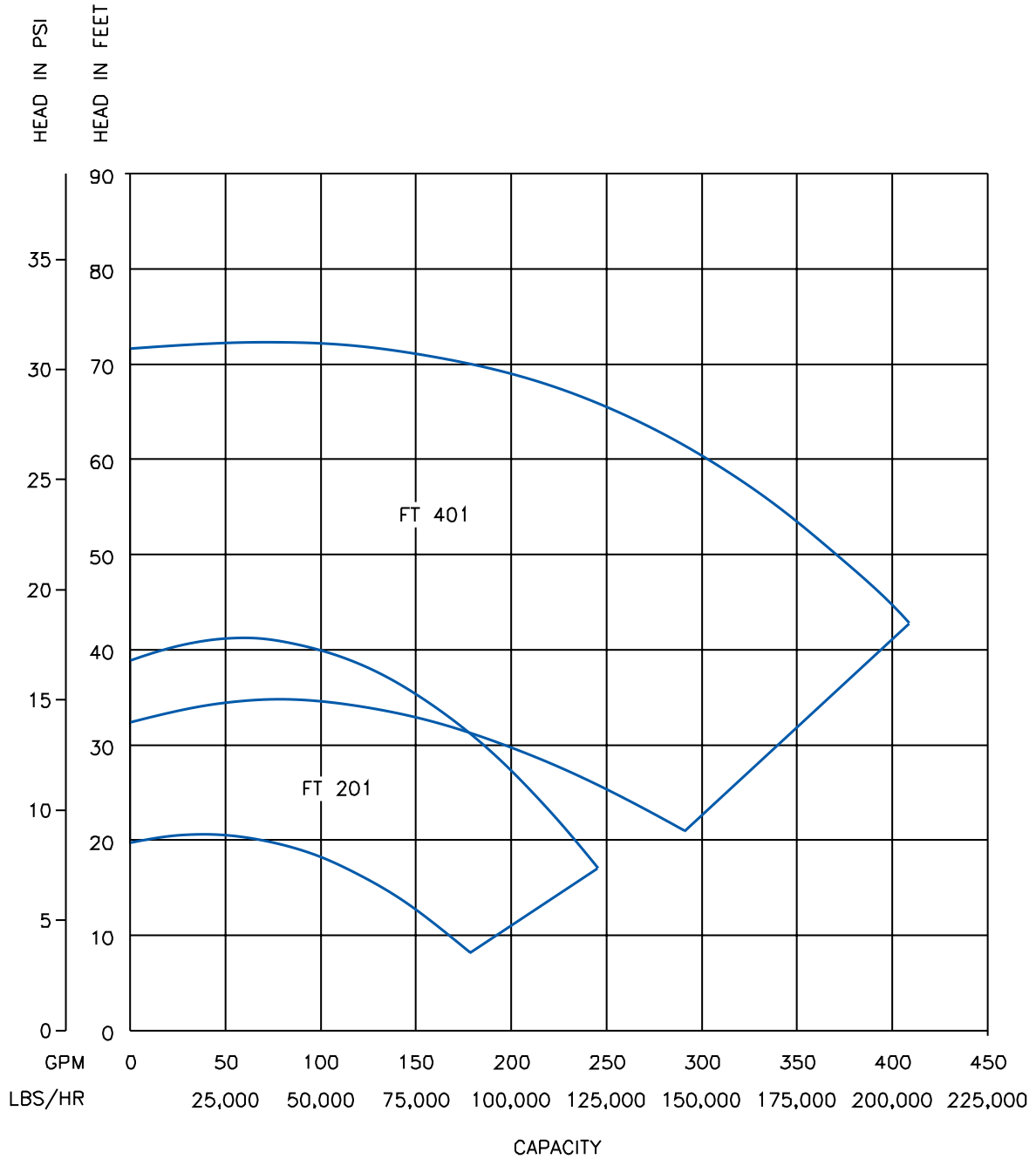


PUMP MODEL	INLET	OUTLET	A	B	C	D
FT 201/202	2" OR 2-1/2"	2"	1-7/8	3-3/16	3-11/16	4-1/2
FT 401/402	3"	2.5"	1-7/8	3-7/16	4-3/4	5-1/2

MOTOR POWER IN HP		MOTOR FRAME	E (201/202)	E (401/402)	F	G	H	J	K	L	M	N	P	Q
1750 RPM	3500 RPM													
1 HP	-	143TC	4-9/16	-	9-15/16	6-5/16	4	2-3/4	10-1/4	4-1/2	3-1/2	5-1/2	3 - 3-1/2	4
1.5 HP	-	145TC	4-9/16	-	11-1/4	6-7/8	5	2-3/4	10-1/4	5-1/4	3-1/2	5-1/2	3 - 3-1/2	4
2 HP	-	145TC	4-9/16	-	11-1/4	6-7/8	5	2-3/4	10-1/4	5-1/4	3-1/2	5-1/2	3 - 3-1/2	4
3 HP	3 HP	182TC	5-9/16	5-1/4	12-5/16	9	4-1/2	3-9/16	13-1/2	5-7/8	4-1/2	7-1/2	2 - 3-1/2	5
5 HP	5 HP	184TC	5-9/16	5-1/4	13-11/16	9	5-1/2	3-9/16	13-1/2	6	4-1/2	7-1/2	2 - 3-1/2	5
-	7.5 HP	184TC	5-9/16	5-1/4	15-3/16	9	5-1/2	3-9/16	13-1/2	6	4-1/2	7-1/2	2 - 3-1/2	5
7.5 HP	-	213TC	-	5-1/4	15-5/16	10-1/16	5-1/2	4-1/4	13-1/2	7-7/16	5-1/4	8-1/2	2 - 3-1/2	5
-	10 HP	215TC	5-9/16	5-1/4	15-5/16	10-1/16	7	4-1/4	13-1/2	7-7/16	5-1/4	8-1/2	2 - 3-1/2	5
10 HP	15 HP	215TC	5-9/16	5-1/4	16-7/16	10-1/16	7	4-1/4	13-1/2	7-7/16	5-1/4	8-1/2	2 - 3-1/2	5
-	20 HP	256TC	6-3/16	6-3/16	19-3/8	12-3/16	8-1/4	4-3/4	18	8-7/8	6-1/4	10	1-3/4 - 3-1/2	5-1/2
-	25 HP	284TSC	-	5-9/16	23-3/16	14-5/8	9-1/2	4-3/4	17-1/2	13-1/8	7	11	4-5/8 - 6-3/8	4-3/4
-	30 HP	286TSC	-	5-9/16	23-3/16	14-5/8	11	4-3/4	17-1/2	13-1/8	7	11	4-5/8 - 6-3/8	4-3/4

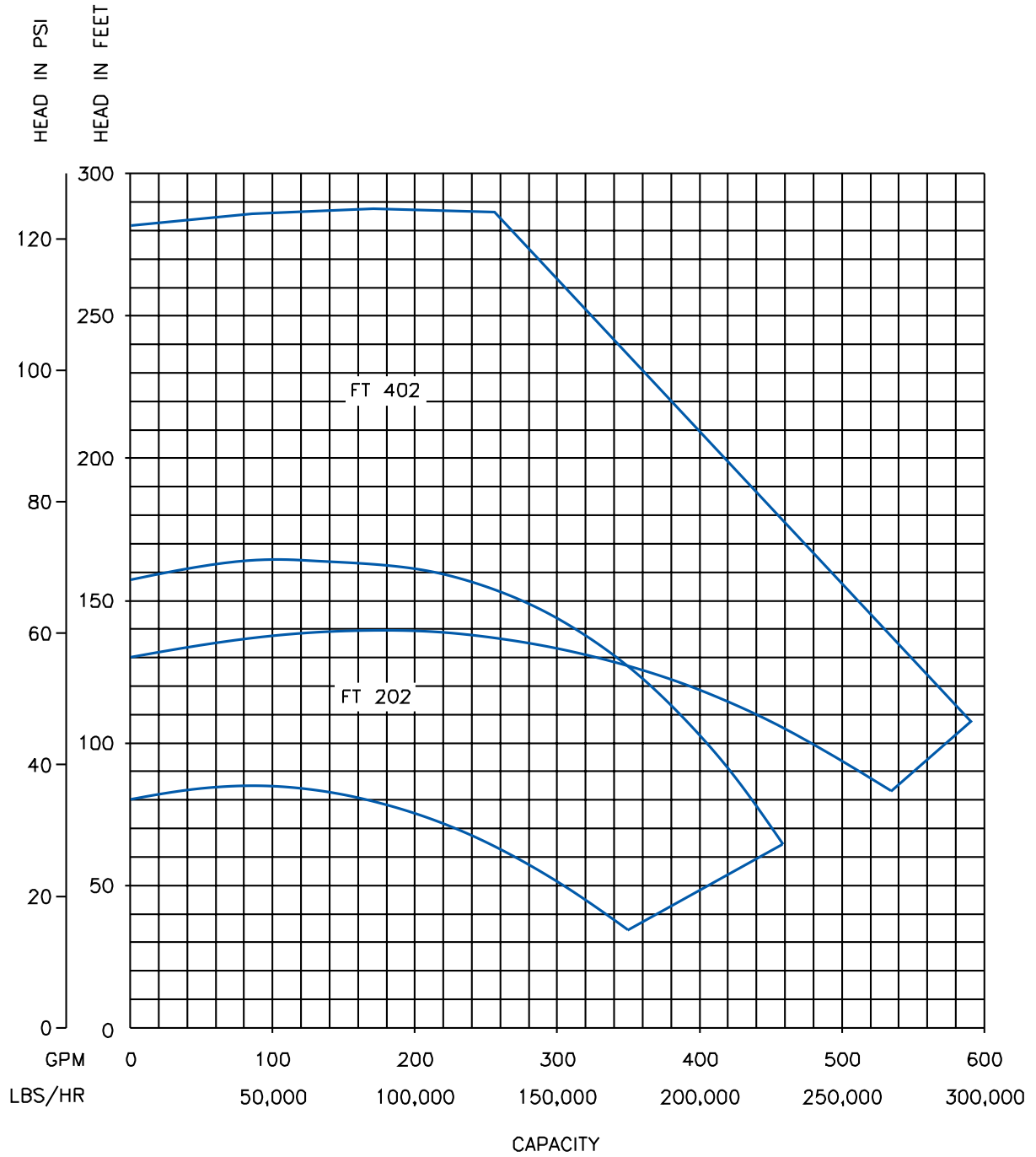
1750 RPM Composite Performance Curve

Performance curve based on tests using 70°F water. A tolerance of ±5% applies to all figures.



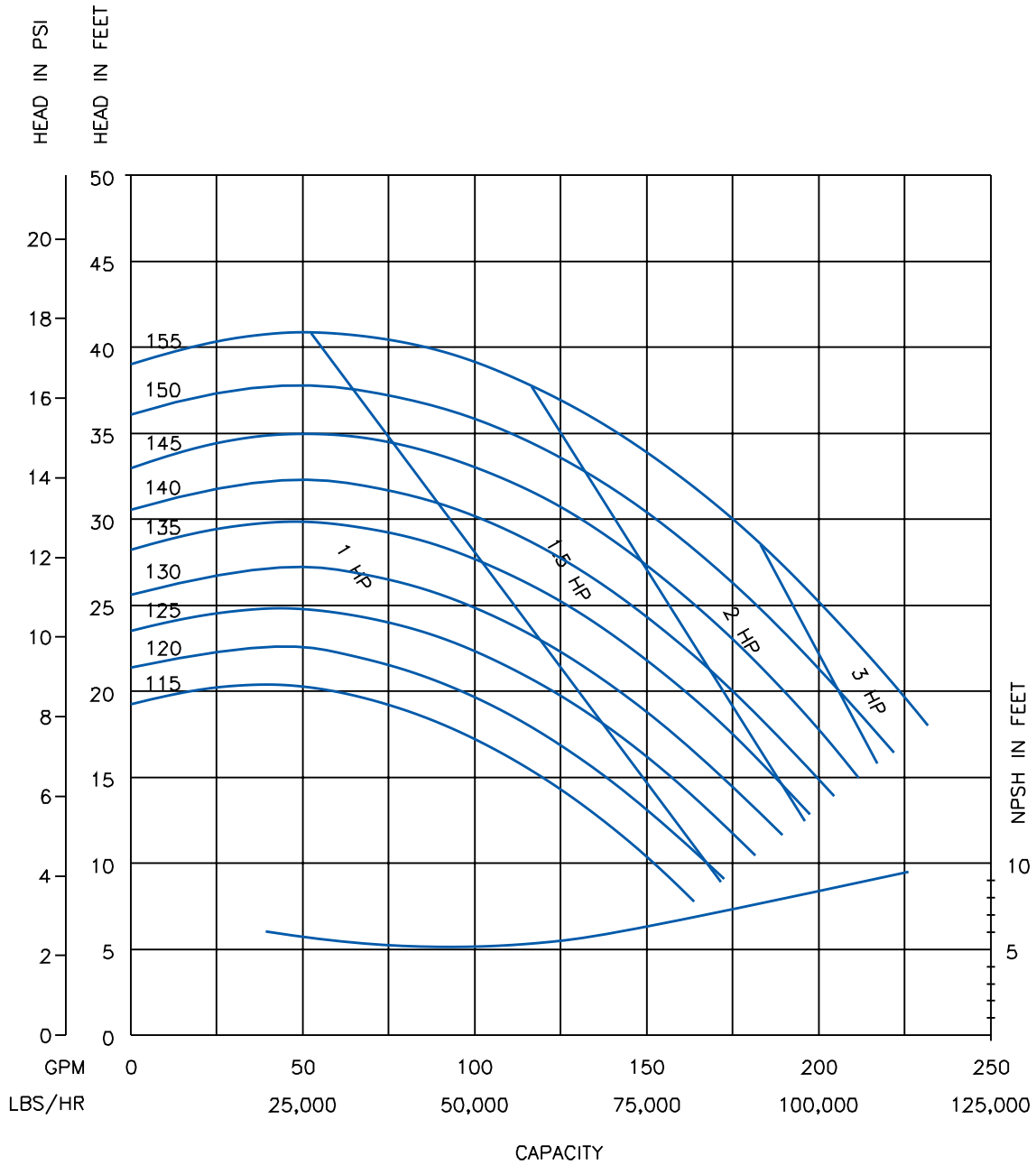
3500 RPM Composite Performance Curve

Performance curve based on tests using 70°F water. A tolerance of ±5% applies to all figures.



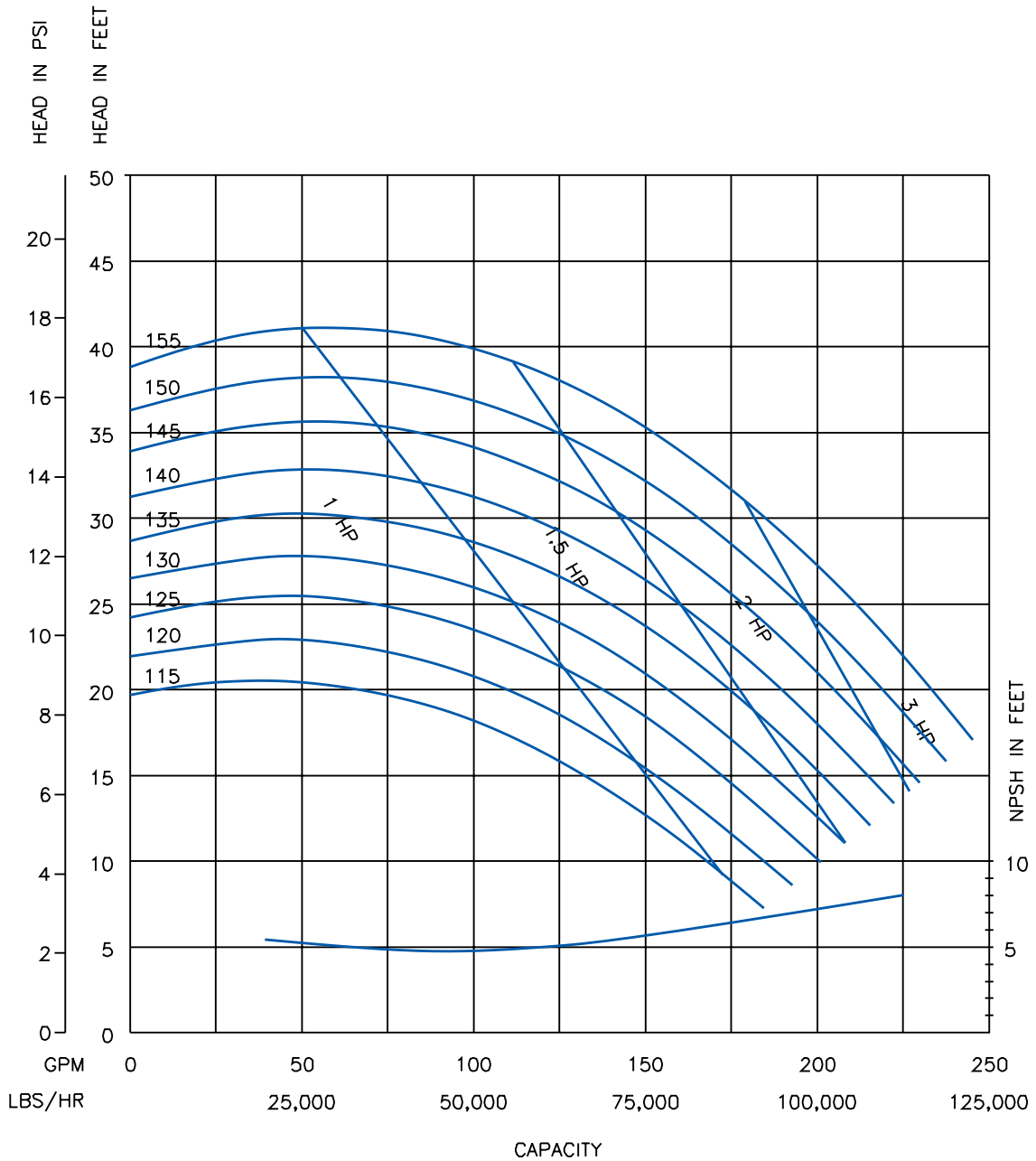
FT 201 1750 RPM Inlet 2"-Outlet 2"

Performance curve based on tests using 70°F water. A tolerance of ±5% applies to all figures.



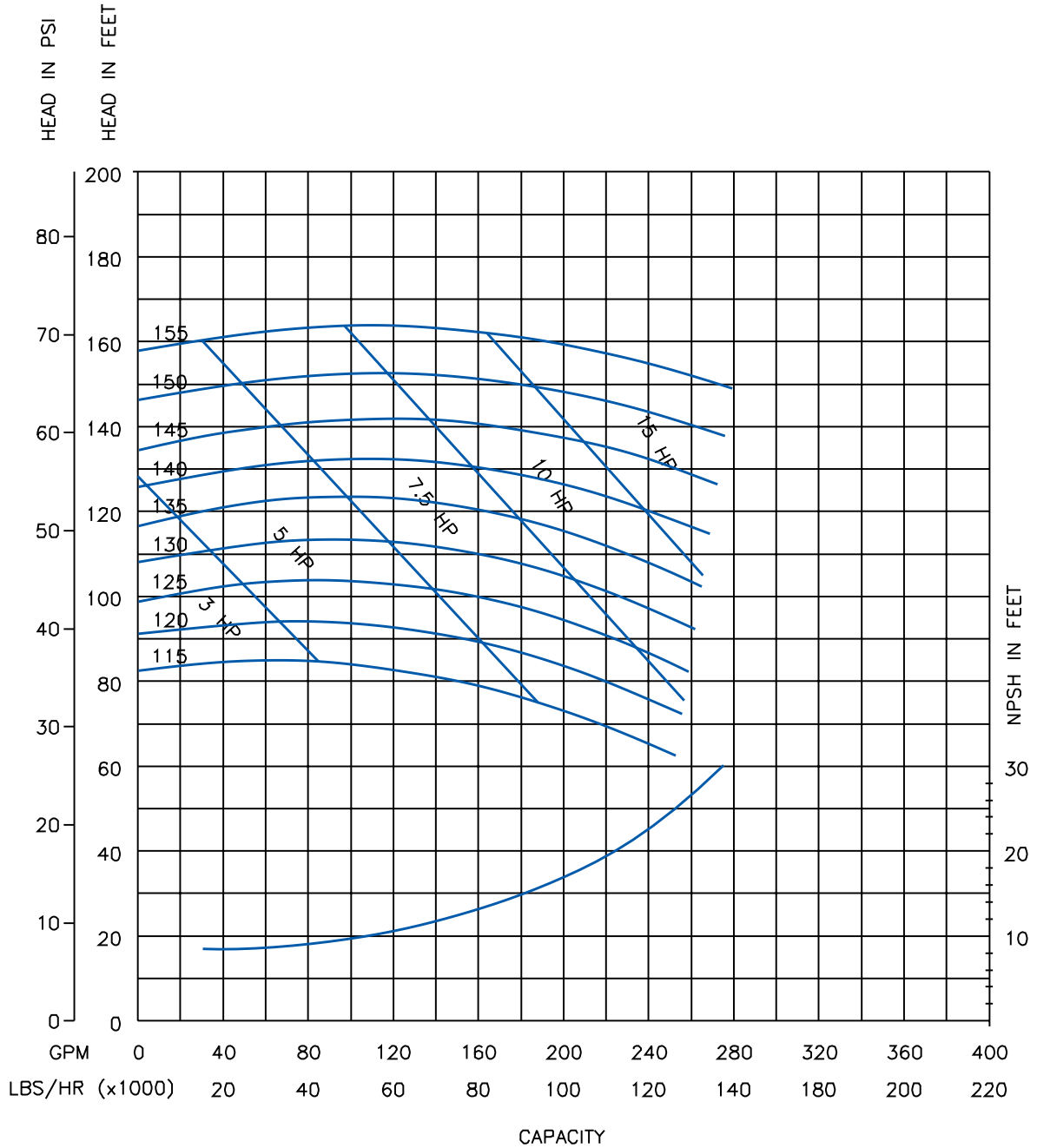
FT 201 1750 RPM Inlet 2½"-Outlet 2"

Performance curve based on tests using 70°F water. A tolerance of ±5% applies to all figures.



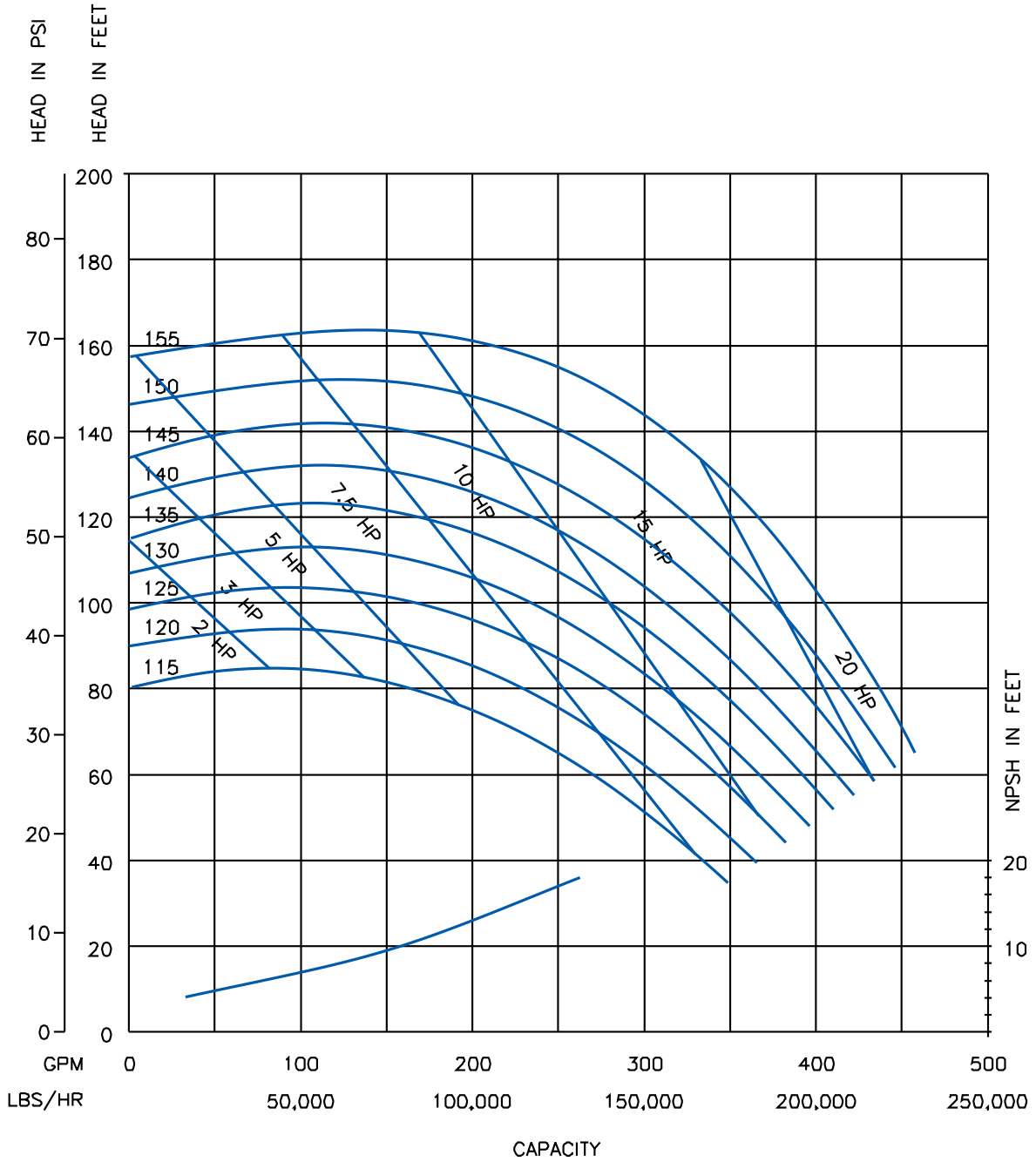
FT 202 3500 RPM Inlet 2"- Outlet 2"

Performance curve based on tests using 70°F water. A tolerance of ±5% applies to all figures.



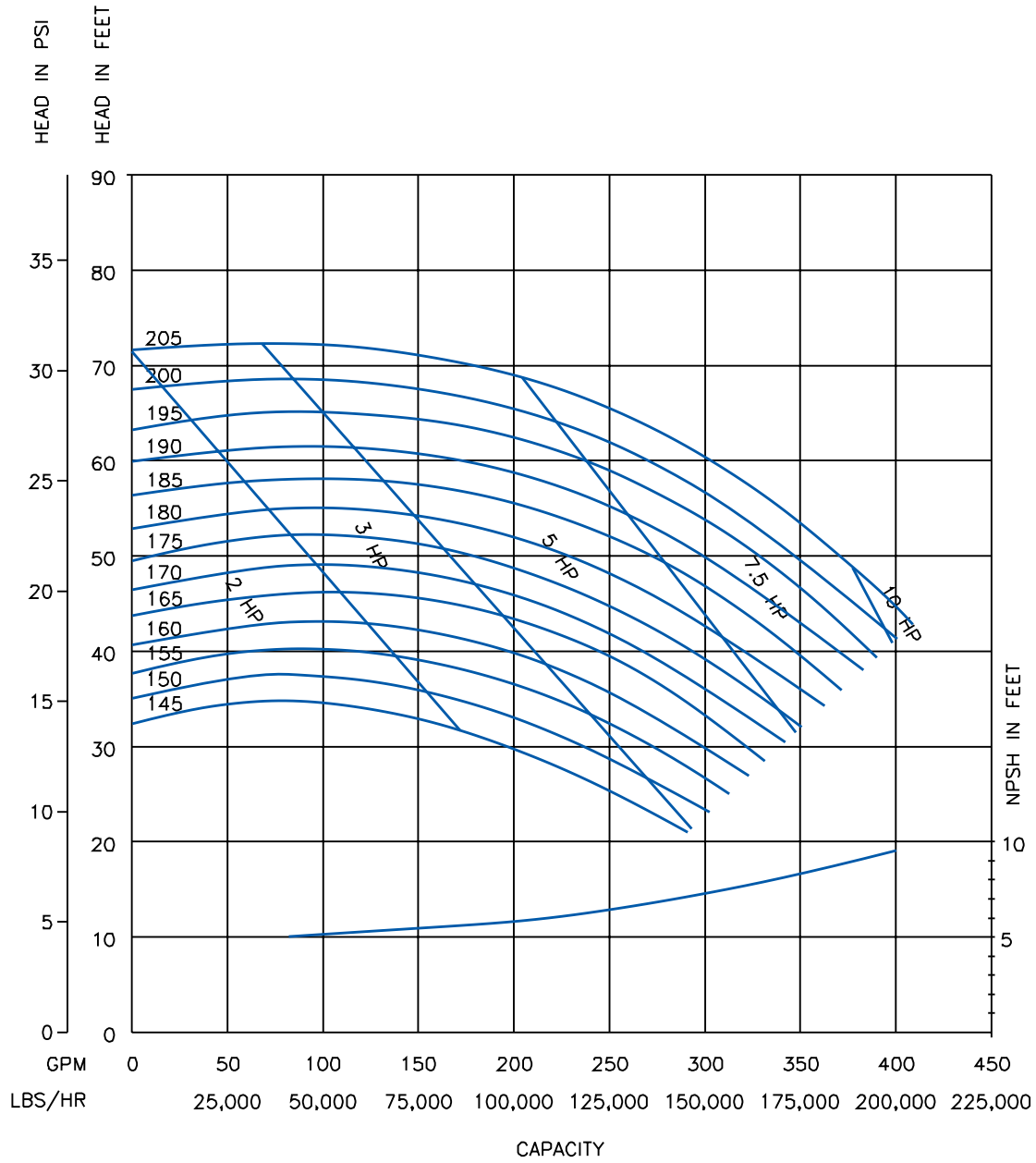
FT 202 3500 RPM Inlet 2½" - Outlet 2"

Performance curve based on tests using 70°F water. A tolerance of ±5% applies to all figures.



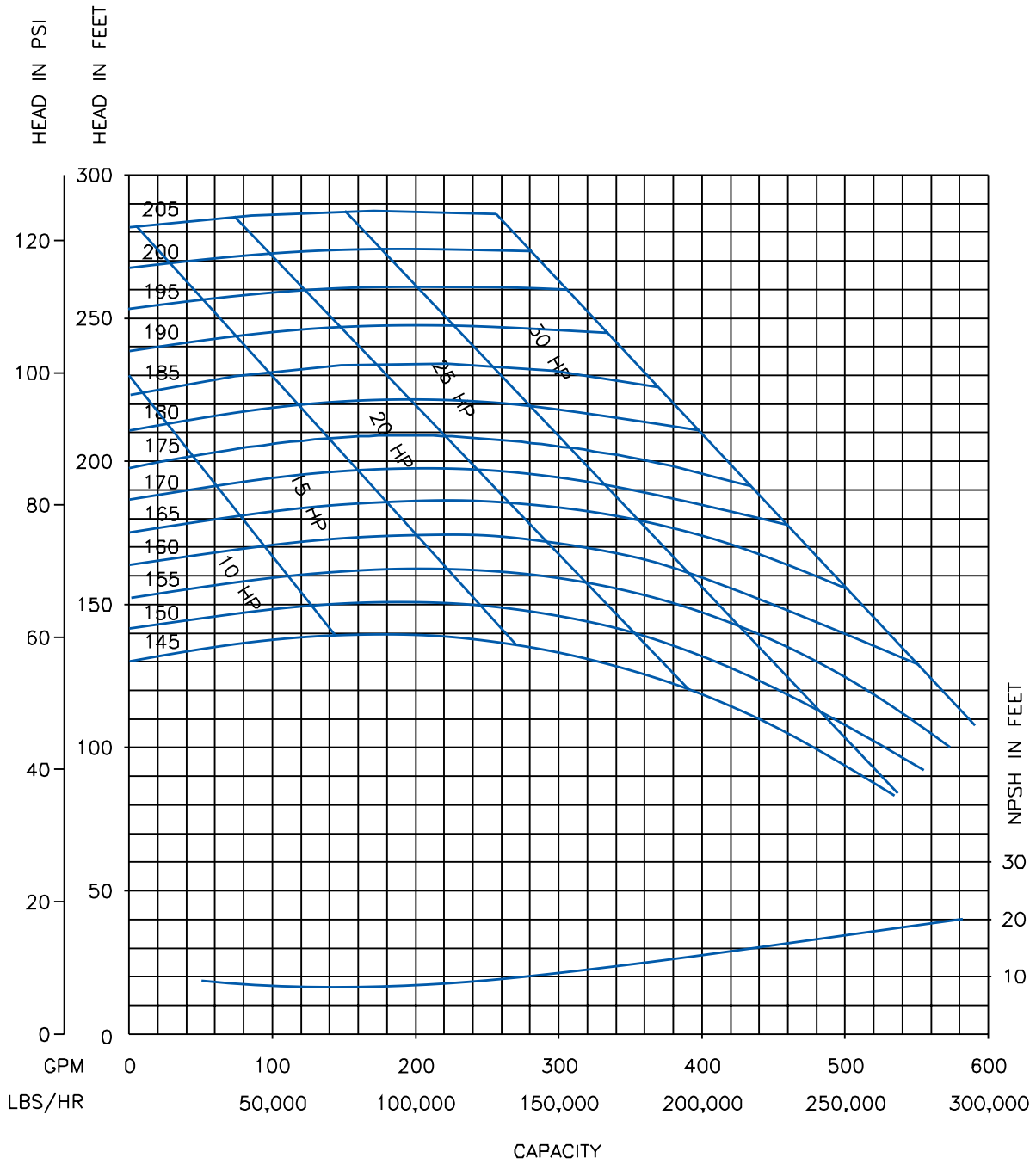
FT 401 1750 RPM Inlet 3"-Outlet 2 1/2"

Performance curve based on tests using 70°F water. A tolerance of ±5% applies to all figures.



FT 402 3500 RPM Inlet 3"-Outlet 2½"

Performance curve based on tests using 70°F water. A tolerance of ±5% applies to all figures.



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