

# FPS 4400



50 Hz  
4" SUBMERSIBLE PUMPS

 **Franklin Electric**

[franklinwater.com](http://franklinwater.com)

**FPS** 4" SUBMERSIBLE PUMPS 50 Hz Tri-Seal

# 4" SUBMERSIBLE PUMPS

<b>4400 Tri-Seal Pumps</b> .....	3
18 LPM Tri-Seal .....	5
25 LPM Tri-Seal .....	7
30 LPM Tri-Seal .....	9
45 LPM Tri-Seal .....	11
60 LPM Tri-Seal .....	13
70 LPM Tri-Seal .....	15
<b>4400 High Capacity Pumps</b> .....	18
Order Information 100-270 LPM .....	19
Exploded View Drawing .....	20
Component List .....	21
100 LPM Performance .....	22
150 LPM Performance .....	23
200 LPM Performance .....	24
270 LPM Performance .....	25



## 4400 TRI-SEAL

The standard FPS 4400 4" submersible pump features the new TRI-SEAL floating stage system. This new stage system further improves efficiency and protects against wear when pumping abrasives like sand.



### FEATURES:

- 300 series stainless steel hub floats with the impeller maintaining a positive seal
- Phenolic water provides downthrust protection
- Celcon®\* impeller provides high efficiency performance and abrasion resistance
- Noryl®\*\* diffuser and disc - proven abrasion resistant material
- Floating stage design allows impeller to float independently
- Removable, spring-loaded check valve
- Maximum water temperature: 120° F/ 49° C
- Ceramic shaft sleeve and rubber discharge bearing protect shaft and eliminate sand wear
- Powered by Franklin Electric corrosion resistant 4" submersible motors

\* Celcon® is a Registered Trademark of the Celanese Corporation. \*\* Noryl® is a Registered Trademark of G.E.  
Patented impeller hub seal system seals radially and axially to prevent fluid recirculation, providing high performance in the harshest conditions.

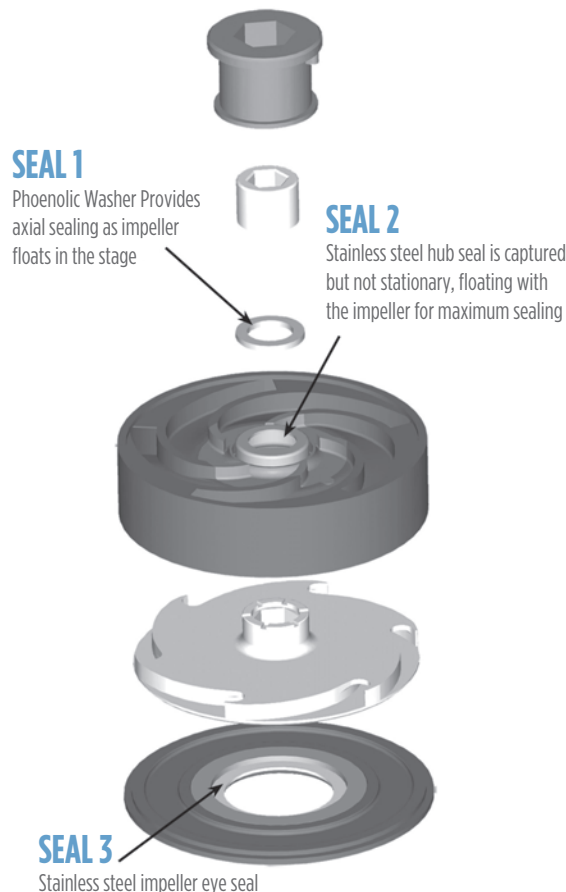
CSA CERTIFIED  
PUMP END ONLY



Drinking Water  
NSF/ANSI 61

### TRI-SEAL™ FLOATING STAGE SYSTEM

U.S. Patent No. 7,290,984



Model No.	M3H	LPM	kW	HP	Stages	Build No	Order No.
1A-09 TS	1	18	0.37	1/2	9	18FA05S4-PEXB	95710506
1A-13 TS			0.55	3/4	13	18FA07S4-PEXB	95710511
1A-17 TS			0.75	1	17	18FA1S4-PEXB	95710516
1A-26 TS			1.1	1.5	26	18FA15S4-PEXB	95710521
1A-35 TS			1.5	2	35	18FA2S4-PEXB	95710526
1B-08 TS	1.5	25	0.37	1/2	8	25FA05S4-PEXB	95710706
1B-12 TS			0.55	3/4	12	25FA07S4-PEXB	95710711
1B-16 TS			0.75	1	16	25FA1S4-PEXB	95710716
1B-24 TS			1.1	1.5	24	25FA15S4-PEXB	95710721
1B-32 TS			1.5	2	32	25FA2S4-PEXB	95710726
2A-06 TS	2	30	0.37	1/2	6	30FA05S4-PEXB	95711006
2A-08 TS			0.55	3/4	8	30FA07S4-PEXB	95711011
2A-12 TS			0.75	1	12	30FA1S4-PEXB	95711016
2A-18 TS			1.1	1.5	18	30FA15S4-PEXB	95711021
2A-24 TS			1.5	2	24	30FA2S4-PEXB	95711026
2A-37 TS			2.2	3	37	30FA3S4-PEXB	95711031
2A-59 TS			3.7	5	59	30FA5S4-PEXB	95711036
2A-78 TS			5.5	7.5	78	30FA7S4-PEXB	95711041
3A-04 TS	3	45	0.37	1/2	4	45FA05S4-PEXB	95711506
3A-08 TS			0.55	3/4	8	45FA07S4-PEXB	95711511
3A-10 TS			0.75	1	10	45FA1S4-PEXB	95711516
3A-15 TS			1.1	1.5	15	45FA15S4-PEXB	95711521
3A-19 TS			1.5	2	19	45FA2S4-PEXB	95711526
3A-31 TS			2.2	3	31	45FA3S4-PEXB	95711531
3A-46 TS			3.7	5	46	45FA5S4-PEXB	95711536
3A-62 TS			5.5	7.5	62	45FA7S4-PEXB	95711541
3B-06 TS	3.5	60	0.55	3/4	6	60FA07S4-PEXB	95712006
3B-08 TS			0.75	1	8	60FA1S4-PEXB	95712011
3B-11 TS			1.1	1.5	11	60FA15S4-PEXB	95712016
3B-16 TS			1.5	2	16	60FA2S4-PEXB	95712021
3B-26 TS			2.2	3	26	60FA3S4-PEXB	95712026
3B-39 TS			3.7	5	39	60FA5S4-PEXB	95712036
3B-52 TS			5.5	7.5	52	60FA7S4-PEXB	95712041
4A-07 TS	4	70	0.75	1	7	70FA1S4-PEXB	95712506
4A-10 TS			1.1	1.5	10	70FA15S4-PEXB	95712511
4A-14 TS			1.5	2	14	70FA2S4-PEXB	95712516
4A-22 TS			2.2	3	22	70FA13S4-PEXB	95712521
4A-35 TS			3.7	5	35	70FA5S4-PEXB	95712536
4A-44 TS			5.5	7.5	44	70FA7S4-PEXB	95712541

Sandhandler X Ref	
Stages	Order No.
13	93606513
19	93606519
25	93606525
39	93606539
NA	NA
9	93606709
14	93606714
19	93606719
27	93606727
NA	NA
8	93606008
12	93606012
16	93606016
24	93606024
32	93606032
NA	NA
NA	NA
NA	NA
NA	NA
9	93606809
12	93606812
19	93606819
24	93606824
39	93606839
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
NA	NA
8	93606208
13	93606213
17	93606217
25	93606225
NA	NA
NA	NA

# FPS 4" SUBMERSIBLE PUMPS 50 Hz Tri-Seal

## 18 LPM TRI - SEAL

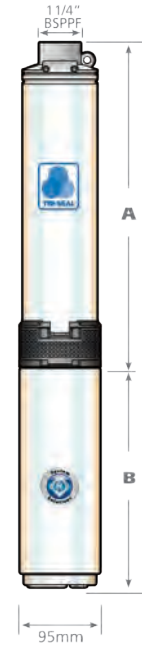
1 m<sup>3</sup>/hr

FPS-1A-XX-TS

## ORDERING INFORMATION

### Stainless Steel

Model No.	M <sup>3</sup> H	LPM	kW	HP	Stages	Build No	Order No.
1A-09 TS	3	18	0.37	1/2	9	18FA05S4-PEXB	95710506
1A-13 TS			0.55	3/4	13	18FA07S4-PEXB	95710511
1A-17 TS			0.75	1	17	18FA1S4-EPXB	95710516
1A-26 TS			1.1	1.5	26	18FA15S4-PEXB	95710521
1A-35 TS			1.5	2	35	18FA2S4-PEXB	95710526



### Tri-Seal Dimensional data

Model No.	M <sup>3</sup> H	LPM	kW	HP	Stages	BSPP	DIM "A" mm	DIM "B" mm			PE Wt Kg	Motor Wt kG		
								2W	3W	3ph		2W	3W	3ph
1A-09 TS	1	18	0.37	1/2	9	1 1/4"	366	242	242	223	4	8.1	8.2	7.4
1A-13 TS			0.55	3/4	13		449	270	270	242	5	8.5	9.5	5.4
1A-17 TS			0.75	1	17		533	298	298	270	6	11	11	9.5
1A-26 TS			1.1	1.5	26		774	345	345	298	7	14.5	13.5	11
1A-35 TS			1.5	2	35		961		384	345	8		14.5	12.1

PE - Pump End only

Product dimensions assume the FPS pump end is assembled to a 4" Franklin Electric submersible motor.

### Notes:

All lengths are in millimeters

All weights are in kilograms

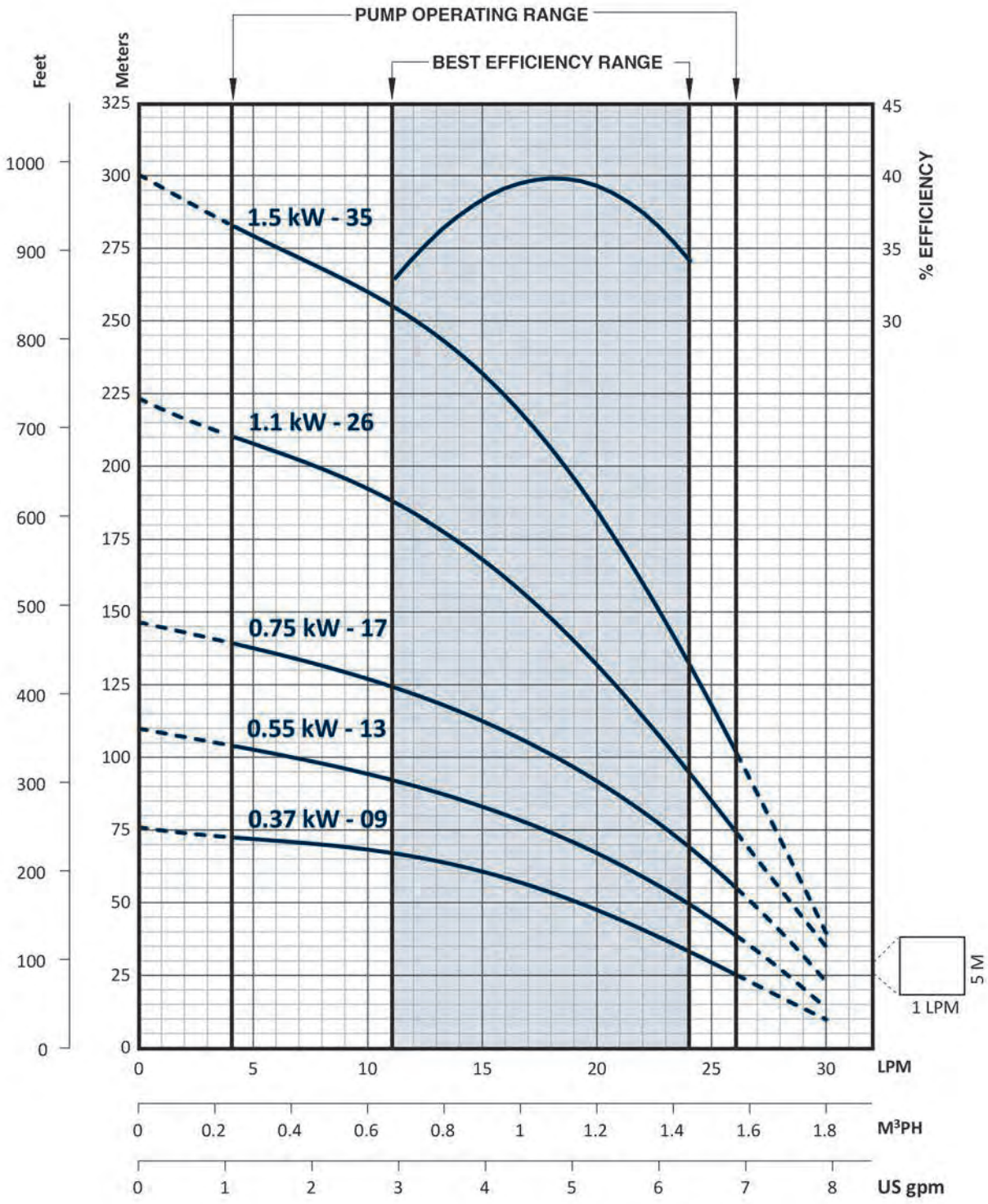
Maximum diameter with cable guard is 99.1 mm

Motor diameter is 95mm



# 18 LMP TRI - SEAL PERFORMANCE CURVES

1 m<sup>3</sup>/hr



# FPS 4" SUBMERSIBLE PUMPS 50 Hz Tri-Seal

## 25 LPM TRI - SEAL

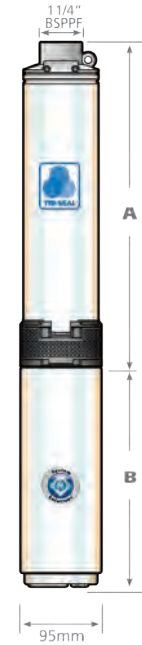
1.5 m<sup>3</sup>/hr

FPS-1B-XX-TS

## ORDERING INFORMATION

### Stainless Steel

Model No.	M <sup>3</sup> H	LPM	kW	HP	Stages	Build No	Order No.
1B-08 TS	1.5	25	0.37	1/2	8	25FA05S4-PEXB	95710706
1B-12 TS			0.55	3/4	12	25FA07S4-PEXB	95710711
1B-16 TS			0.75	1	16	25FA1S4-EPXB	95710716
1B-24 TS			1.1	1.5	24	25FA15S4-PEXB	95710721
1B-32 TS			1.5	2	32	25FA2S4-PEXB	95710726



### Tri-Seal Dimensional data

Model No.	M <sup>3</sup> H	LPM	kW	HP	Stages	BSPP	DIM "A" mm	DIM "B" mm			PE Wt Kg	Motor Wt kG		
								2W	3W	3ph		2W	3W	3ph
1B-08 TS	1.5	25	0.37	1/2	8	1 1/4"	345	242	242	223	3	8.1	8.2	7.4
1B-12 TS			0.55	3/4	12		428	270	270	242	5	8.5	9.5	5.4
1B-16 TS			0.75	1	16		512	298	298	270	6	11	11	9.5
1B-24 TS			1.1	1.5	24		679	345	345	298	7	14.5	13.5	11
1B-32 TS			1.5	2	32		899		384	345	9		14.5	12

PE - Pump End only

Product dimensions assume the FPS pump end is assembled to a 4" Franklin Electric submersible motor.

### Notes:

All lengths are in millimeters

All weights are in kilograms

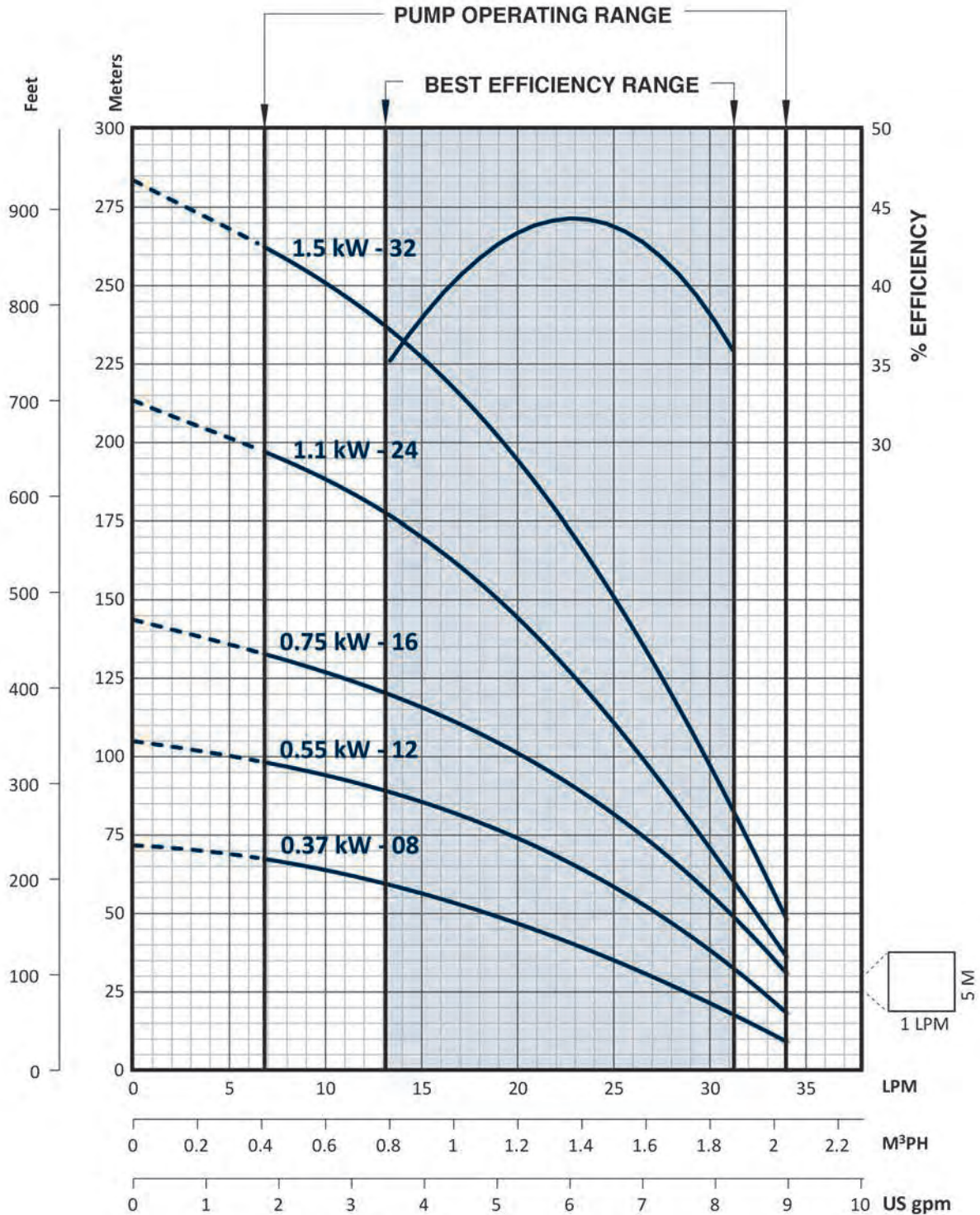
Maximum diameter with cable guard is 99.1 mm

Motor diameter is 95mm



## 25 LMP TRI - SEAL PERFORMANCE CURVES

1.5 m<sup>3</sup>/hr



# FPS 4" SUBMERSIBLE PUMPS 50 Hz Tri-Seal

## 30 LMP TRI - SEAL

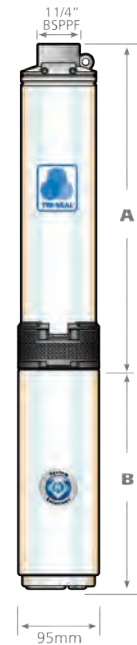
2 m<sup>3</sup>/hr

FPS-2A-XX-TS

## ORDERING INFORMATION

### Stainless Steel

Model No.	M <sup>3</sup> H	LPM	kW	HP	Stages	Build No	Order No.
2A-06 TS	2	30	0.37	1/2	6	30FA05S4-PEXB	95711006
2A-08 TS			0.55	3/4	8	30FA07S4-PEXB	95711011
2A-12 TS			0.75	1	12	30FA1S4-EPXB	95711016
2A-18 TS			1.1	1.5	18	30FA15S4-PEXB	95711021
2A-24 TS			1.5	2	24	30FA2S4-PEXB	95711026
2A-37 TS			2.2	3	37	30FA3S4-EPXB	95711016
2A-59 TS			3.7	5	59	30FA5S4-PEXB	95711021
2A-78 TS			5.5	7.5	78	30FA7S4-PEXB	95711026



### Tri-Seal Dimensional data

Model No.	M <sup>3</sup> H	LPM	kW	HP	Stages	BSPB	DIM "A" mm	DIM "B" mm			PE Wt Kg	Motor Wt kG		
								2W	3W	3ph		2W	3W	3ph
2A-06 TS	2	30	0.37	1/2	6	1 1/4"	315	242	242	223	4	8.1	8.2	7.4
2A-08 TS			0.55	3/4	8		359	270	270	242	4	8.5	9.5	5.4
2A-12 TS			0.75	1	12		453	298	298	270	5	11	11	9.5
2A-18 TS			1.1	1.5	18		642	345	345	298	7	14.5	13.5	11
2A-24 TS			1.5	2	24		780		384	327	8		14.5	12
2A-37 TS			2.2	3	37		1076		484	407	9		18	13.5
2A-59 TS			3.7	5	59		1676		741	589	15		29.4	21
2A-78 TS			5.5	7.5	78		2166		-	741	19			28

PE - Pump End only

Product dimensions assume the FPS pump end is assembled to a 4" Franklin Electric submersible motor.

### Notes:

All lengths are in millimeters

All weights are in kilograms

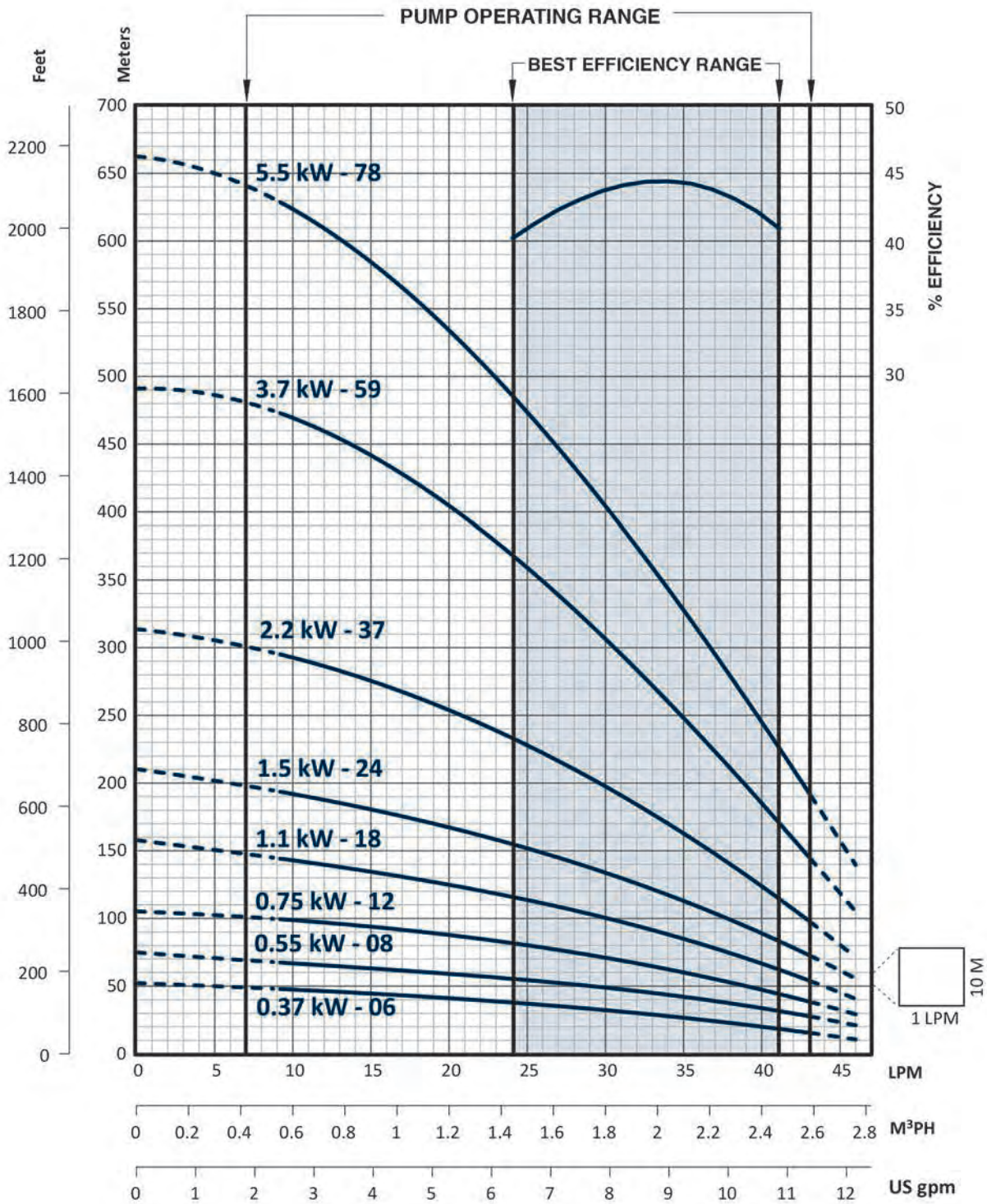
Maximum diameter with cable guard is 99.1 mm

Motor diameter is 95mm



### 30 LPM TRI - SEAL PERFORMANCE CURVES

2 m<sup>3</sup>/hr



# FPS 4" SUBMERSIBLE PUMPS 50 Hz Tri-Seal

## 45 LMP TRI - SEAL

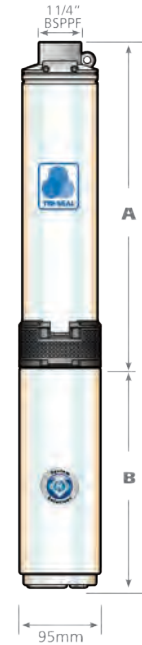
3 m<sup>3</sup>/hr

FPS-3A-XX-TS

## ORDERING INFORMATION

### Stainless Steel

Model No.	M <sup>3</sup> H	LPM	kW	HP	Stages	Build No	Order No.
3A-04 TS	3	45	0.37	1/2	4	45FA05S4-PEXB	95711506
3A-08 TS			0.55	3/4	8	45FA07S4-PEXB	95711511
3A-10 TS			0.75	1	10	45FA1S4-EPXB	95711516
3A-15 TS			1.1	1.5	15	45FA15S4-PEXB	95711521
3A-19 TS			1.5	2	19	45FA2S4-PEXB	95711526
3A-31 TS			2.2	3	31	45FA3S4-EPXB	95711531
3A-46 TS			3.7	5	46	45FA5S4-PEXB	95711536
3A-62 TS			5.5	7.5	62	45FA7S4-PEXB	95711541



### Tri-Seal Dimensional data

Model No.	M <sup>3</sup> H	LPM	kW	HP	Stages	BSPP	DIM "A" mm	DIM "B" mm			PE Wt Kg	Motor Wt kG		
								2W	3W	3ph		2W	3W	3ph
3A-04 TS	3	45	0.37	1/2	4	1 1/4"	269	242	242	242	3	8.1	8.2	7.4
3A-08 TS			0.55	3/4	8		361	270	270	270	4	8.5	9.5	5.4
3A-10 TS			0.75	1	10		407	298	298	298	4	11	11	9.5
3A-15 TS			1.1	1.5	15		521	345	345	327	6	14.5	13.5	11
3A-19 TS			1.5	2	19		665		384	356	7		14.5	12
3A-31 TS			2.2	3	31		940		484	407	9		18	13.5
3A-46 TS			3.7	5	46		1379	-	741	589	14		29.4	21
3A-62 TS			5.5	7.5	62		1745	-	-	741	18			26

PE - Pump End only

Product dimensions assume the FPS pump end is assembled to a 4" Franklin Electric submersible motor.

### Notes:

All lengths are in millimeters

All weights are in kilograms

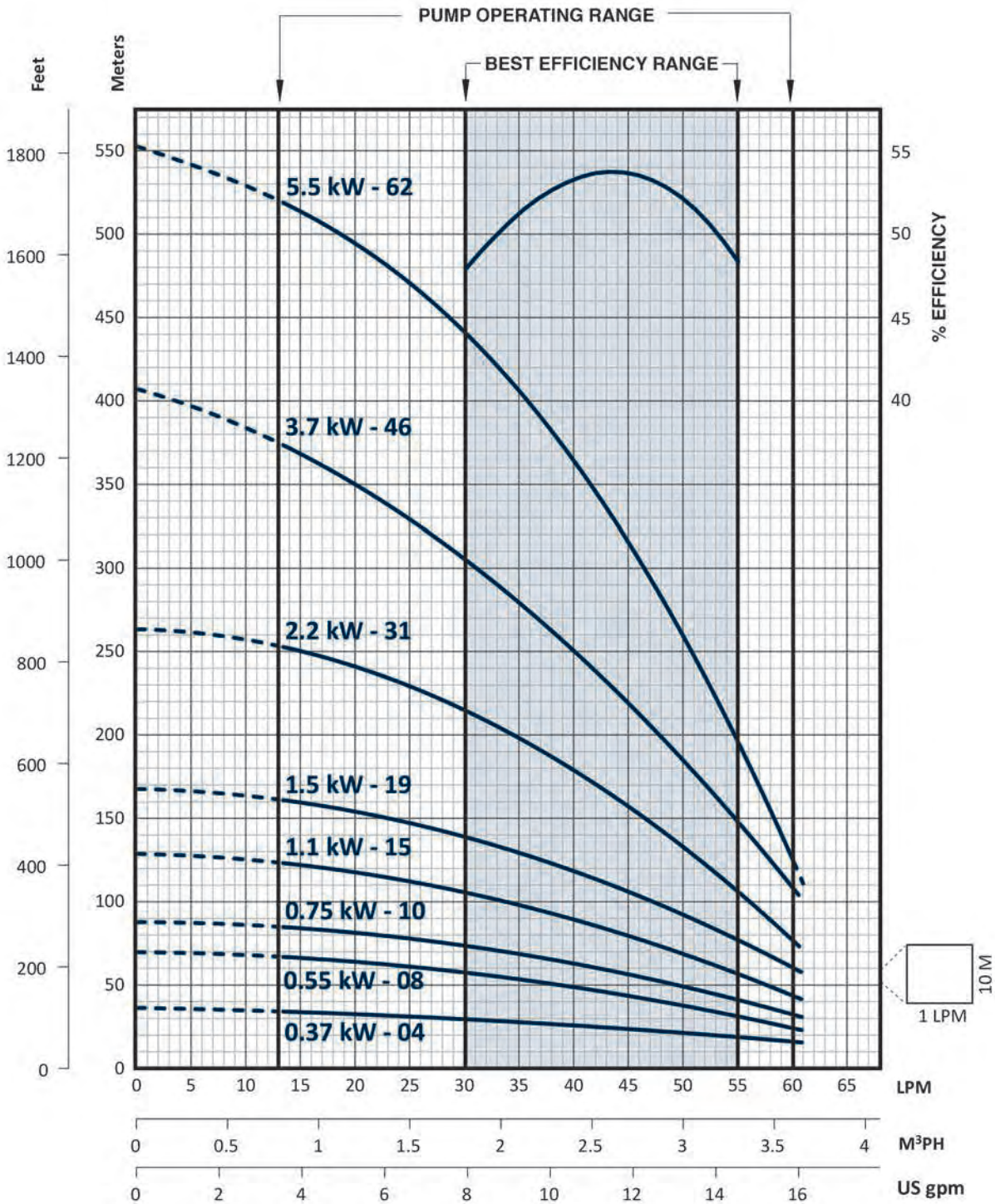
Maximum diameter with cable guard is 99.1 mm

Motor diameter is 95mm



### 45 LMP TRI - SEAL PERFORMANCE CURVES

3 m<sup>3</sup>/hr





# FPS 4" SUBMERSIBLE PUMPS 50 Hz Tri-Seal

## 60 LPM TRI-SEAL

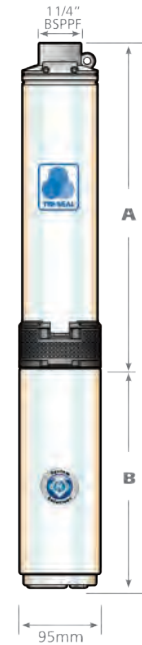
3.5 m<sup>3</sup>/hr

FPS-3B-XX-TS

## ORDERING INFORMATION

### Stainless Steel

Model No.	M <sup>3</sup> H	LPM	kW	HP	Stages	Build No	Order No.
3B-06 TS	3.5	60	0.55	3/4	6	60FA07S4-PEXB	95712006
3B-08 TS			0.75	1	8	60FA1S4-PEXB	95712011
3B-11 TS			1.1	1.5	11	60FA15S4-EPXB	95712016
3B-16 TS			1.5	2	16	60FA2S4-PEXB	95712021
3B-26 TS			2.2	3	26	60FA3S4-PEXB	95712026
3B-39 TS			3.7	5	39	60FA5S4-EPXB	95712031
3B-52 TS			5.5	7.5	52	60FA7S4-PEXB	95712046



### Tri-Seal Dimensional data

Model No.	M <sup>3</sup> H	LPM	kW	HP	Stages	BSPP	DIM "A" mm	DIM "B" mm			PE Wt Kg	Motor Wt kG		
								2W	3W	3ph		2W	3W	3ph
3B-06 TS	3.5	60	0.55	3/4	6	1 1/4"	364	270	270	242	4	8.5	9.5	5.4
3B-08 TS			0.75	1	8		426	298	298	270	4	11	11	9.5
3B-11 TS			1.1	1.5	11		520	345	345	298	6	14.5	13.5	11
3B-16 TS			1.5	2	16		674		384	327	6		14.5	12
3B-26 TS			2.2	3	26		1038		484	356	8		18	13.5
3B-39 TS			3.7	5	39		1544		589		13		29.4	21
3B-52 TS			5.5	7.5	52		1948		741		16			28

PE - Pump End only

Product dimensions assume the FPS pump end is assembled to a 4" Franklin Electric submersible motor.

### Notes:

All lengths are in millimeters

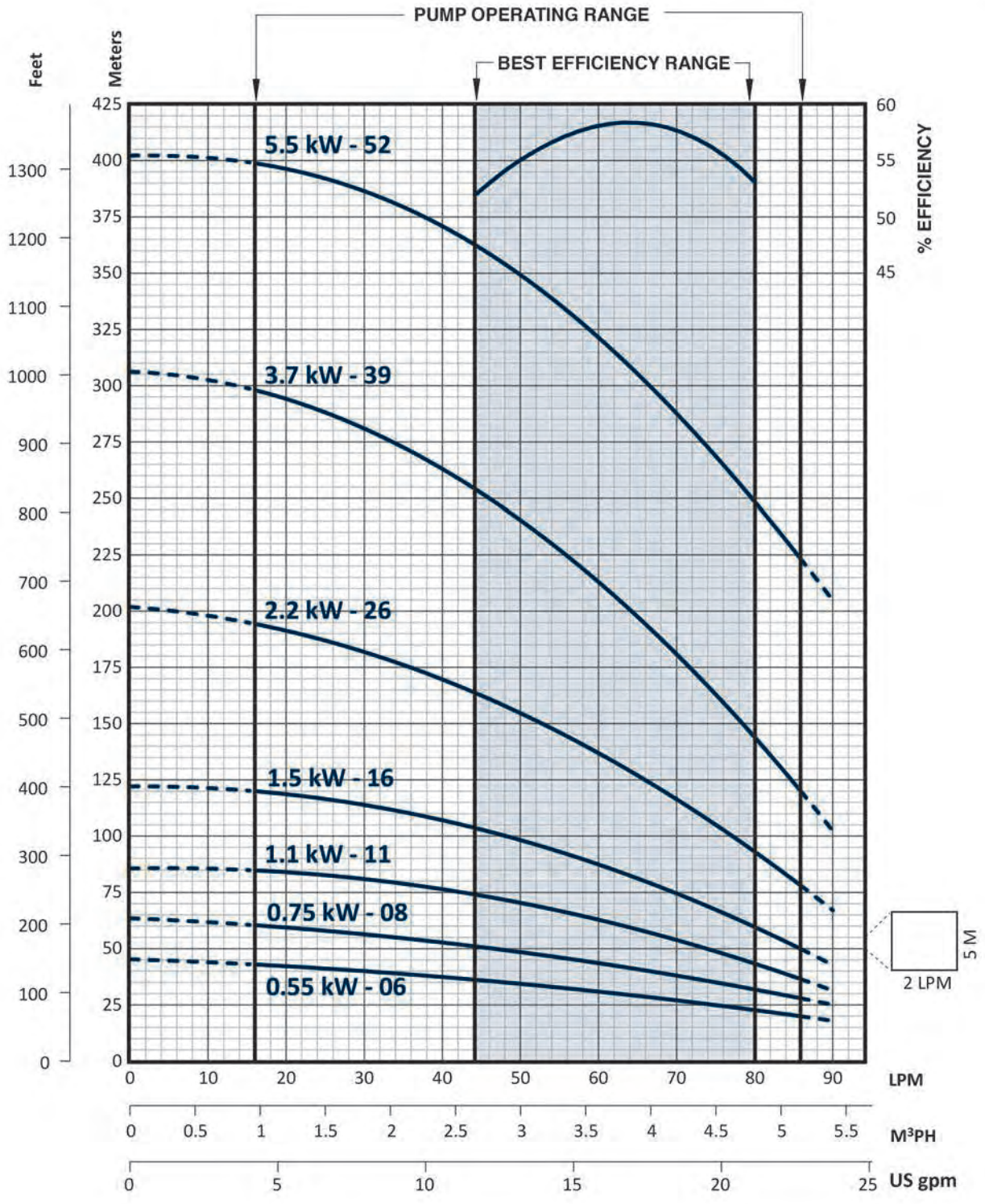
All weights are in kilograms

Maximum diameter with cable guard is 99.1 mm

Motor diameter is 95mm

### 60 LMP TRI - SEAL PERFORMANCE CURVES

3.5 m<sup>3</sup>/hr



# FPS 4" SUBMERSIBLE PUMPS 50 Hz Tri-Seal

## 70 LMP TRI - SEAL

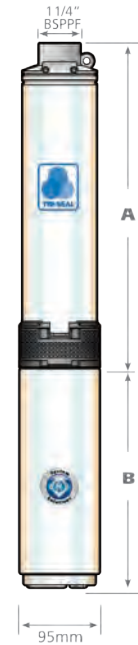
4 m<sup>3</sup>/hr

FPS-4A-XX-TS

## ORDERING INFORMATION

### Stainless Steel

Model No.	M <sup>3</sup> H	LPM	kW	HP	Stages	Build No	Order No.
4A-07 TS	4	70	0.75	1	7	70FA1S4-PEXB	95712506
4A-10 TS			1.1	1.5	10	70FA15S4-PEXB	95712511
4A-14 TS			1.5	2	14	70FA2S4-EPXB	95712516
4A-22 TS			2.2	3	22	70FA3S4-PEXB	95712521
4A-37 TS			3.7	5	35	70FA5S4-PEXB	95712536
4A-44 TS			5.5	7.5	44	70FA7S4-EPXB	95712541



### Tri-Seal Dimensional data

Model No.	M <sup>3</sup> H	LPM	kW	HP	Stages	BSPP	DIM "A" mm	DIM "B" mm			PE Wt Kg	Motor Wt kG		
								2W	3W	3ph		2W	3W	3ph
4A-07 TS	4	70	0.75	1	7	1 1/4"	395	298	298	270	4	11	11	9.5
4A-10 TS			1.1	1.5	10		488	345	345	298	5	14.5	13.5	11
4A-14 TS			1.5	2	14		612		384	327	6		14.5	12.1
4A-22 TS			2.2	3	22		913		484	356	7		18	13.5
4A-37 TS			3.7	5	35		1420		741	589	12		29.4	21
4A-44 TS			5.5	7.5	44		1699			741	14			28

PE - Pump End only

Product dimensions assume the FPS pump end is assembled to a 4" Franklin Electric submersible motor.

### Notes:

All lengths are in millimeters

All weights are in kilograms

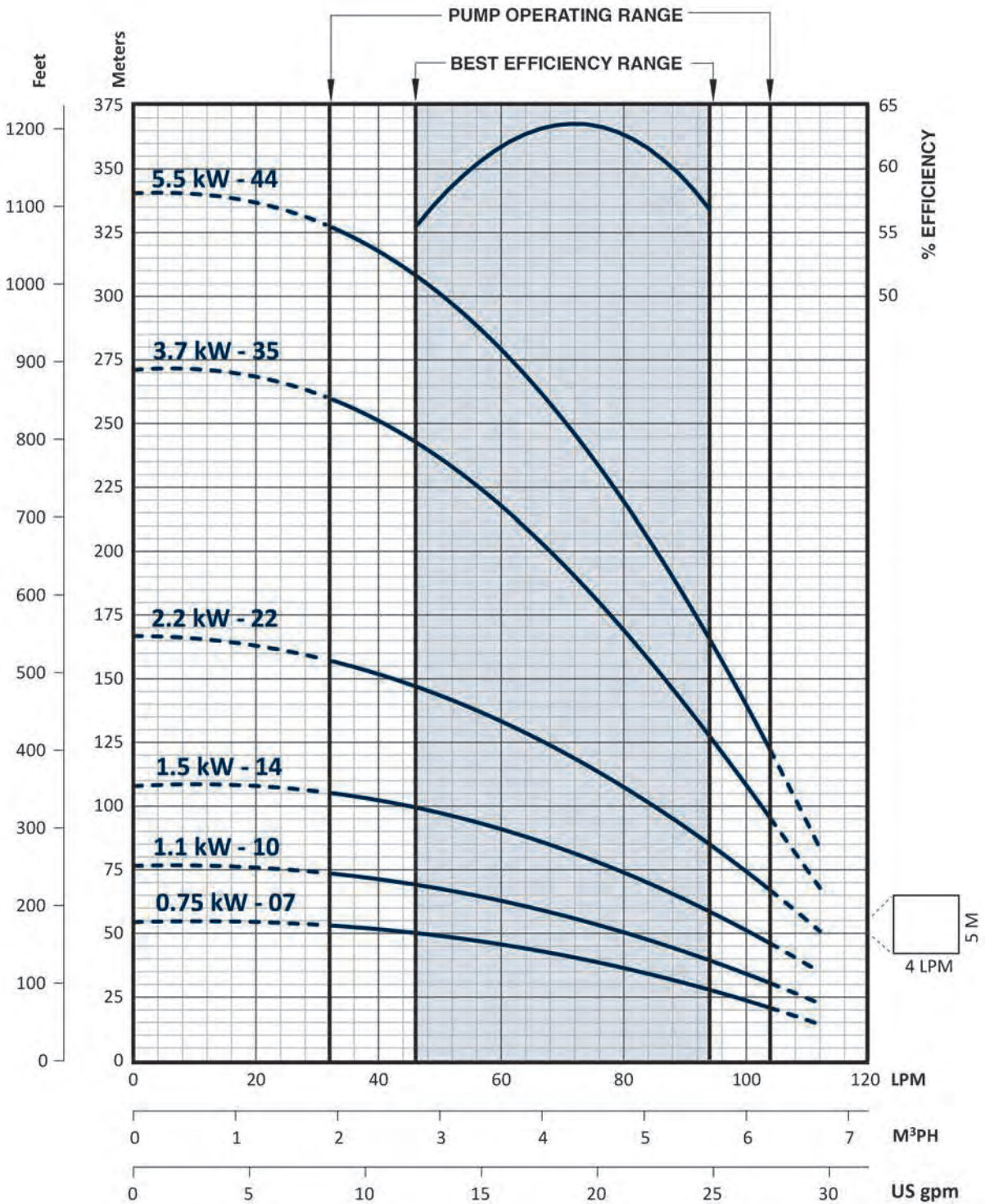
Maximum diameter with cable guard is 99.1 mm

Motor diameter is 95mm



### 70 LMP TRI - SEAL PERFORMANCE CURVES

4 m<sup>3</sup>/hr



## 4400 HIGH CAPACITY

Basic Model	PEI <sub>CL</sub> Number
35S4	0.83

### FEATURES

- Four performance ranges: 100, 150, 200 and 270 LPM
- 2" BSP discharge
- Stainless steel discharge head and motor bracket
- High flow hydraulic staging allows for maximum pump output, exceeds all energy efficiency standards, and provides increased product longevity
- Ceramic shaft sleeve and rubber discharge bearing eliminates sand wear
- Intermediate bearing for increased shaft stability when pump lengths dictate on high horse, high performance constructions
- Impeller eye and hub seals for improved performance and efficiency
- Stainless steel hex pump shaft, shell, and shaft coupling
- High capacity upthrust assembly for protection during start-up and operation
- Designed for optimal performance when powered by Franklin's corrosion-resistant 4" submersible motors

### MODEL NO. EXPLANATION

Example: 100FH1S4 - PEXB

- 100 = LPM
- FH = Franklin Electric Brand
- 1 = 1 hp
- S = Stainless
- 4 = 4" Submersible
- PEXB = Pump End
- CV = with internal check valve



CSA CERTIFIED  
PUMP END ONLY

 151236  
 C US  
 NSF/ANSI 61  
 Drinking Water



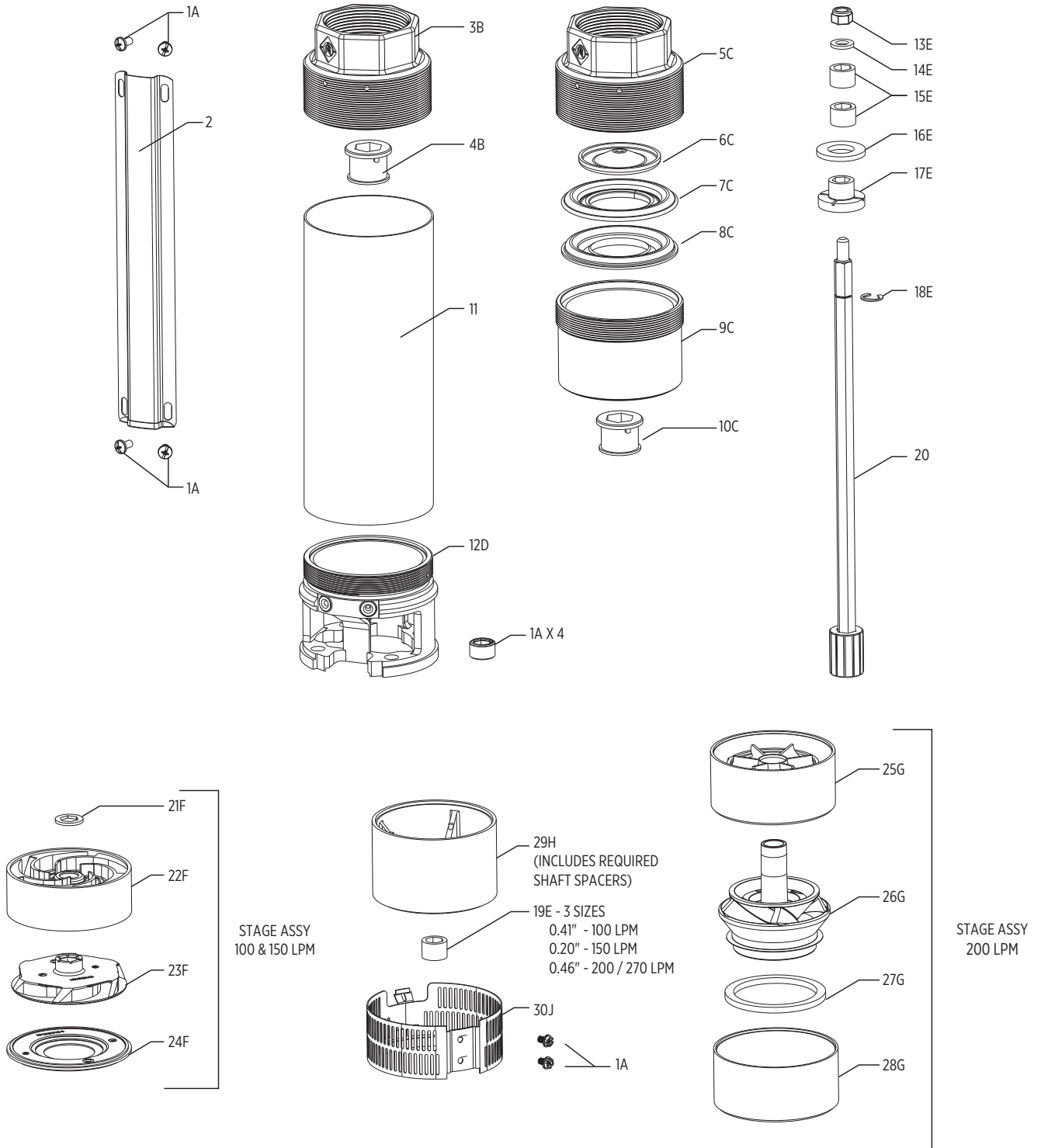
**ORDER INFORMATION**

100 - 270 LPM

LPM	Model No.	kW	HP	Stages	Build no.	Order No.	Check Valve	Dimensions (mm) Pump End Only	Weight Kg
100	FPS-6A-05	0.55	0.75	5	100FH07S4-PEXB	94533505	2"	358	4.1
	FPS-6A-06	0.75	1	6	100FH1S4-PEXB	94533506		391	4.5
	FPS-6A-09	1.1	1.5	9	100FH15S4-PEXB	94533509		488	5
	FPS-6A-12	1.5	2	12	100FH2S4-PEXB	94533512		584	5.5
	FPS-6A-20	2.2	3	20	100FH3S4-PEXB	94533520		902	7.7
	FPS-6A-29	3.7	5	29	100FH5S4-PEXB	94533529		1194	10.9
	FPS-6A-38	5.5	7.5	38	100FH7S4-PEXB	94533538		1542	13.6
150	FPS-9A-05	0.75	1	5	150FH1S4-PEXB	94534505	2"	414	3.6
	FPS-9A-07	1.1	1.5	7	150FH15S4-PEXB	94534507		503	4.5
	FPS-9A-10	1.5	2	10	150FH2S4-PEXB	94534510		635	5
	FPS-9A-16	2.2	3	16	150FH3S4-PEXB	94534516		950	6.8
	FPS-9A-25	3.7	5	25	150FH5S4-PEXB	94534525		1366	9.8
	FPS-9A-31	5.5	7.5	31	150FH7S4-PEXB	94534531		1664	13.2
200	FPS-12A-10	1.5	2	10	200FH2S4-PEXB	94536010	2"	899	5.9
	FPS-12A-16	2.2	3	16	200FH3S4-PEXB	94536016		1293	8.2
	FPS-12A-23	3.7	5	23	200FH5S4-PEXB	94536023		1803	11.8
	FPS-12A-30	5.5	7.5	30	200FH7S4-PEXB	94536030		2261	14.5
270	FPS-16A-06	1.1	1.5	6	270FH15S4-PEXB	94539006	2"	650	5
	FPS-16A-08	1.5	2	8	270FH2S4-PEXB	94539008		853	5.9
	FPS-16A-13	2.2	3	13	270FH3S4-PEXB	94539013		1232	8.2
	FPS-16A-21	3.7	5	21	270FH5S4-PEXB	94539021		1920	12.8
	FPS-16A-25	5.5	7.5	25	270FH7S4-PEXB	94539025		2192	13.6

# FPS 4" SUBMERSIBLE PUMPS 50 Hz Tri-Seal

## EXPLODED VIEW DRAWING



**COMPONENT LIST**

Fig. No.	Description	Component Construction Material	Kit Grouping Identifier	100/150 LPM Order No.	200/270 LPM Order No.
1	Fastener Kit	300 or 400 Series Stainless Steel	A	305711001	
2	Cable Guard*	300 Series Stainless Steel	-	-	
3	Discharge Head (No Check Valve)	300 Series Stainless Steel	B	305711008	305711009
4	Top Bearing	Rubber			
5	Discharge Head (Check Valve)	300 Series Stainless Steel	C	305711010	305980901
6	Check Valve Disk	300 Series Stainless Steel			
7	Check Valve Seal	Rubber			
8	Check Valve Retainer	300 Series Stainless Steel			
9	Bearing Support (Check Valve)	300 Series Stainless Steel			
10	Top Bearing	Rubber			
11	Pump Shell*	300 Series Stainless Steel	-	-	
12	Motor Bracket	300 Series Stainless Steel	D	305711011	305711003
13	Self-Locking Nut	nylon / 300 Series Stainless Steel	E	305711012	
14	Washer	300 Series Stainless Steel			
15	Hub Sleeve	Ceramic			
16	Thrust Washer**	Phenolic			
17	Thrust Journal**	300 Series Stainless Steel			
18	Retainer Ring Clip***	Stainless Steel			
19	Hex Spacer Sleeve (3 Sizes)	Thermoplastic			
20	Pump Shaft*	300 Series Stainless Steel	-	-	
21	100/150 LPM Thrust Washer (BlackSideDown)	Phenolic/Carbon	F	See P/N Below	
22	100 / 150 LPM Diffuser Assembly	Thermoplastic / 300 Series Stainless Steel			
23	100 / 150 LPM Impeller Assembly	Thermoplastic			
24	100 / 150 LPM Disk Assembly	Thermoplastic / 300 Series Stainless Steel			
Not Shown	Stage Assembly 35 GPM	Various		305711013	
Not Shown	Stage Assembly 45 GPM	Various	305711014		
25	200 / 270 LPM Diffuser Assembly	Thermoplastic	G		See P/N Below
26	200 / 270 LPM Impeller Assembly	Thermoplastic			
27	200 / 270 LPM Impeller Eye Seal	Urethane			
28	200 / 270 LPM Diffuser Cup	Thermoplastic			
Not Shown	Stage Assembly 200 LPM	Various			305711015
Not Shown	Stage Assembly 270 LPM	Various			305711016
29	Intermediate Bearing	Thermoplastic / Rubber / Ceramic	H	305711017	305711005
30	Intake Screen	300 Series Stainless Steel	J	305711004	

Items with like identifiers are sold/packaged together

\*Contact Customer Service for assistance

\*\*Not used on 100 or 150 LPM

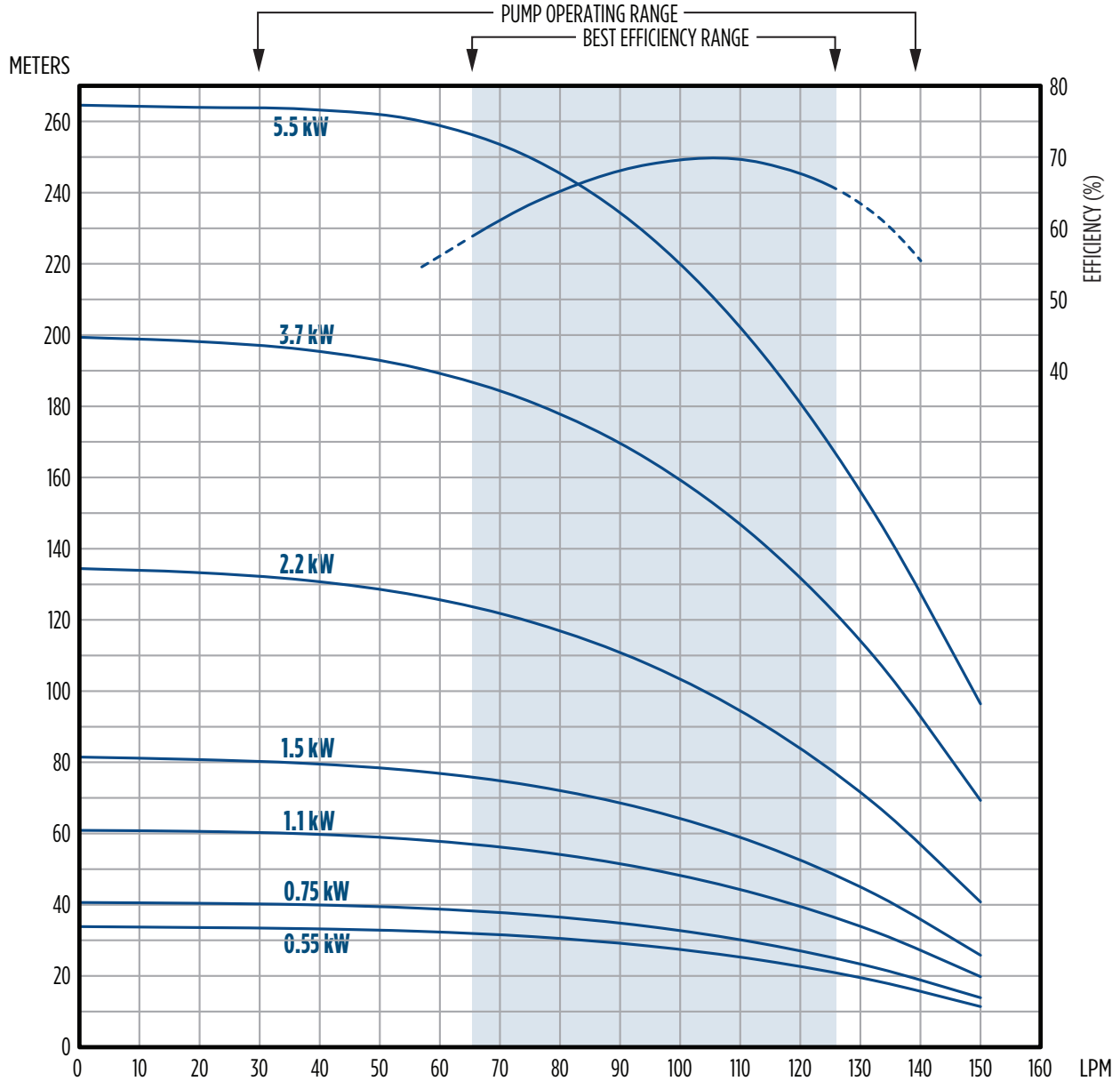
\*\*\*Not used on 200 or 270 LPM

# FPS 4" SUBMERSIBLE PUMPS 50 Hz Tri-Seal

Basic Model	PEI <sub>CL</sub> Number
35S4	0.83

## PERFORMANCE

100LPM

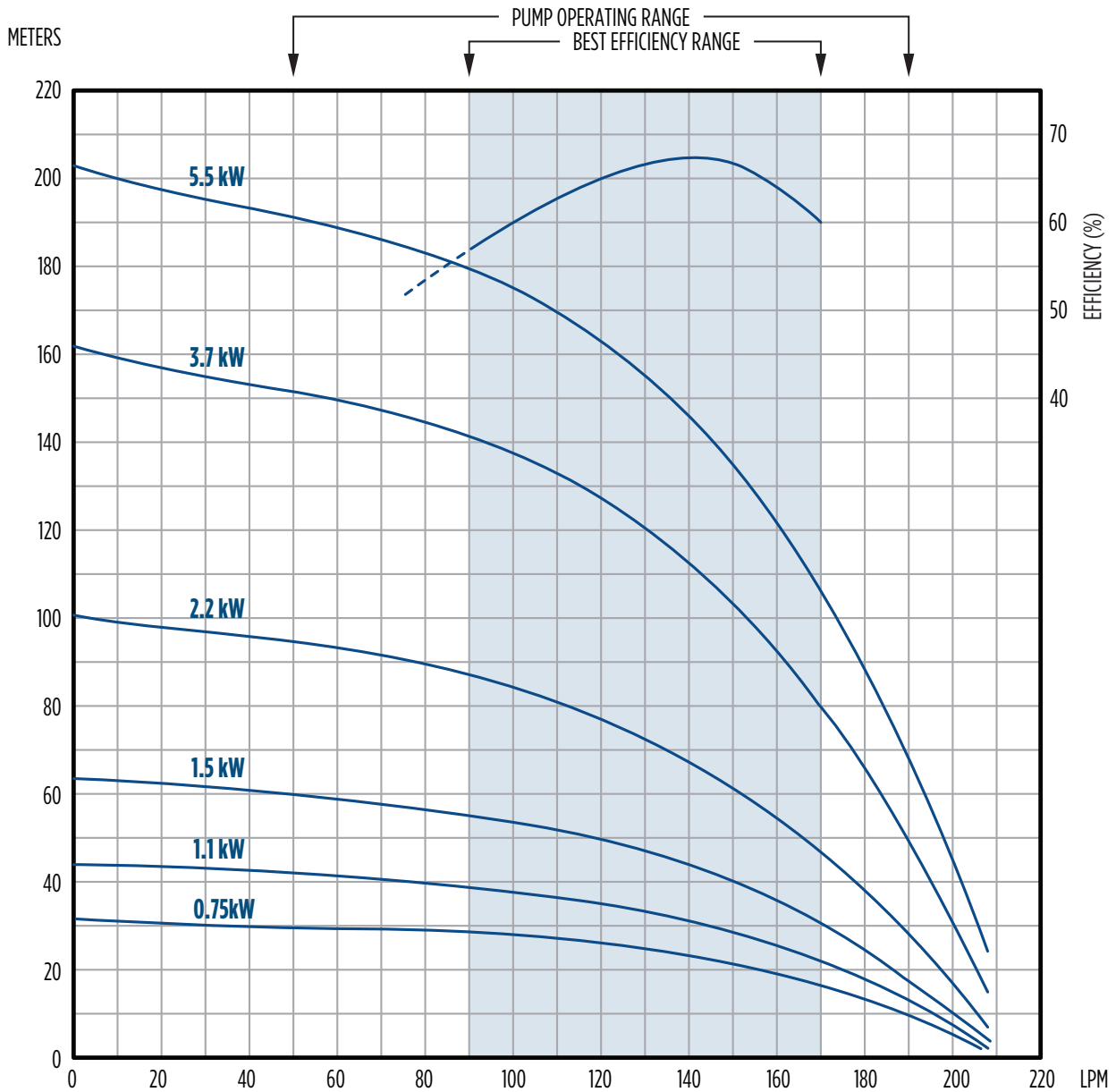


LPM	MODEL No.	PUMP MODEL	STAGES	MOTOR		DELIVERY							
				kW	HP	M3/hr	0	2.4	3.6	4.8	6.0	7.2	8.4
						LPM	0	40	60	80	100	120	140
100	FPS-6A-05	100FH07S4 - PEXB	5	0.55	0.75	HEAD(m)	34	34	33	31	28	23	16
	FPS-6A-06	100FH1S4 - PEXB	6	0.75	1		41	40	39	37	33	28	19
	FPS-6A-09	100FH15S4 - PEXB	9	1.1	1.5		61	60	58	54	48	40	28
	FPS-6A-12	100FH2S4 - PEXB	12	1.5	2		82	80	77	73	64	53	36
	FPS-6A-20	100FH3S4 - PEXB	20	2.2	3.0		134	131	126	116	104	84	57
	FPS-6A-29	100FH5S4 - PEXB	29	3.7	5.0		199	196	189	178	160	132	93
	FPS-6A-38	100FH7S4 - PEXB	38	5.5	7.5		264	263	258	245	220	180	127

NOTE : Performance shown is based on a pump without check valve

Basic Model	PEI <sub>CL</sub> Number
45S4	0.89

**PERFORMANCE** 150LPM



LPM	MODEL No.	PUMP MODEL	STAGES	MOTOR		DELIVERY									
				kW	HP	M3/hr	0	3.6	4.8	6.0	7.2	8.4	9.6	10.8	
						LPM	0	60	80	100	120	140	160	180	
150	FPS-9A-05	150FH1S4-PEXB	5	0.75	1	HEAD(m)	31	30	29	28	27	23	19	13	
	FPS-9A-07	150FH1S4 - PEXB	7	1.1	1.5		44	41	40	38	35	31	26	18	
	FPS-9A-10	150FH2S4 - PEXB	10	1.5	2		64	59	56	53	50	44	36	24	
	FPS-9A-16	150FH3S4 - PEXB	16	2.2	3		101	93	90	84	77	68	54	38	
	FPS-9A-25	150FH5S4 - PEXB	25	3.7	5		162	150	144	138	127	112	92	66	
	FPS-9A-31	150FH7S4 - PEXB	31	5.5	7.5		202	189	183	175	162	146	121	88	

NOTE : Performance shown is based on a pump without check valve

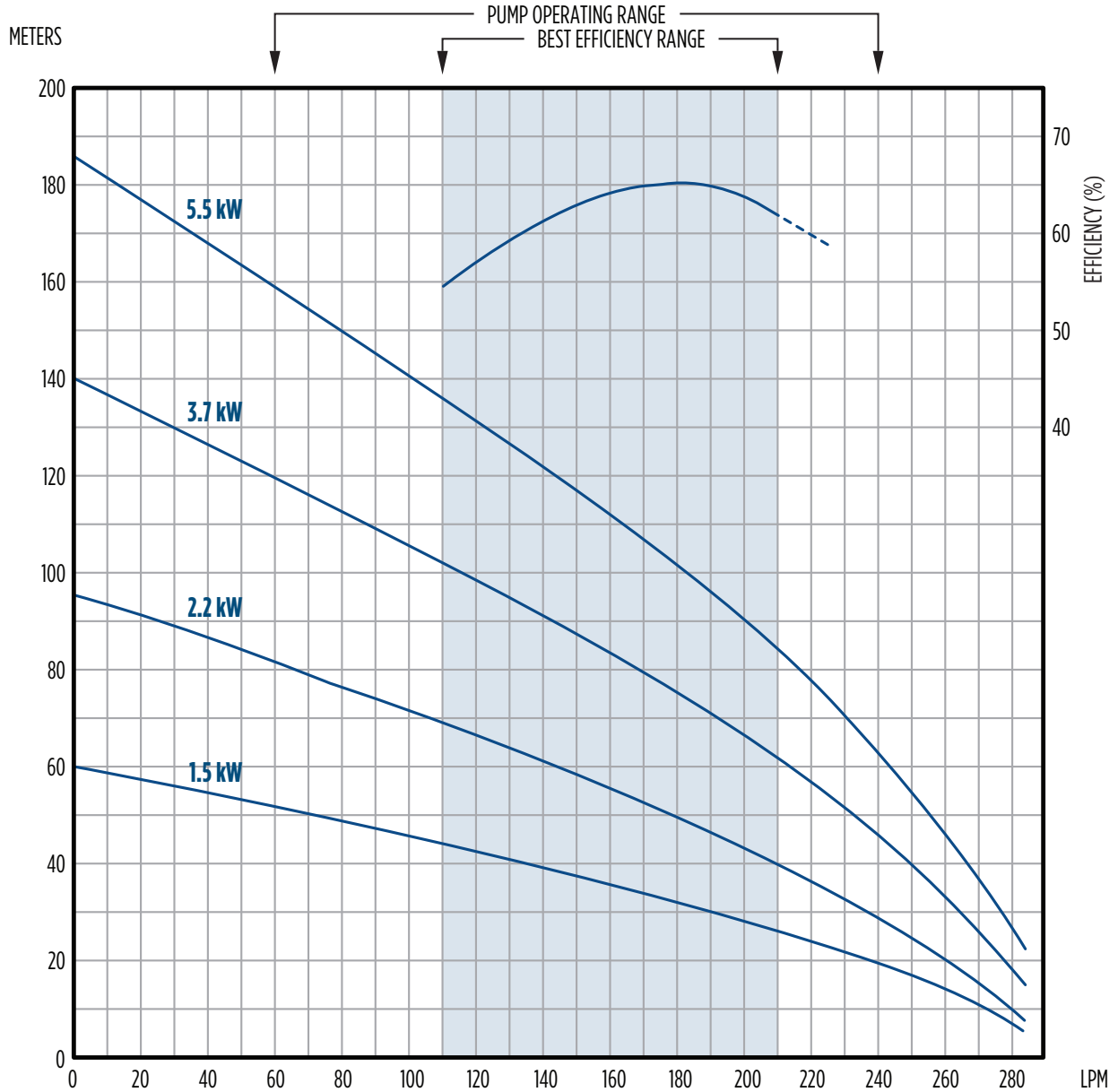


# FPS 4" SUBMERSIBLE PUMPS 50 Hz Tri-Seal

Basic Model	PEI <sub>cl</sub> Number
60S4	0.94

## PERFORMANCE

200LPM

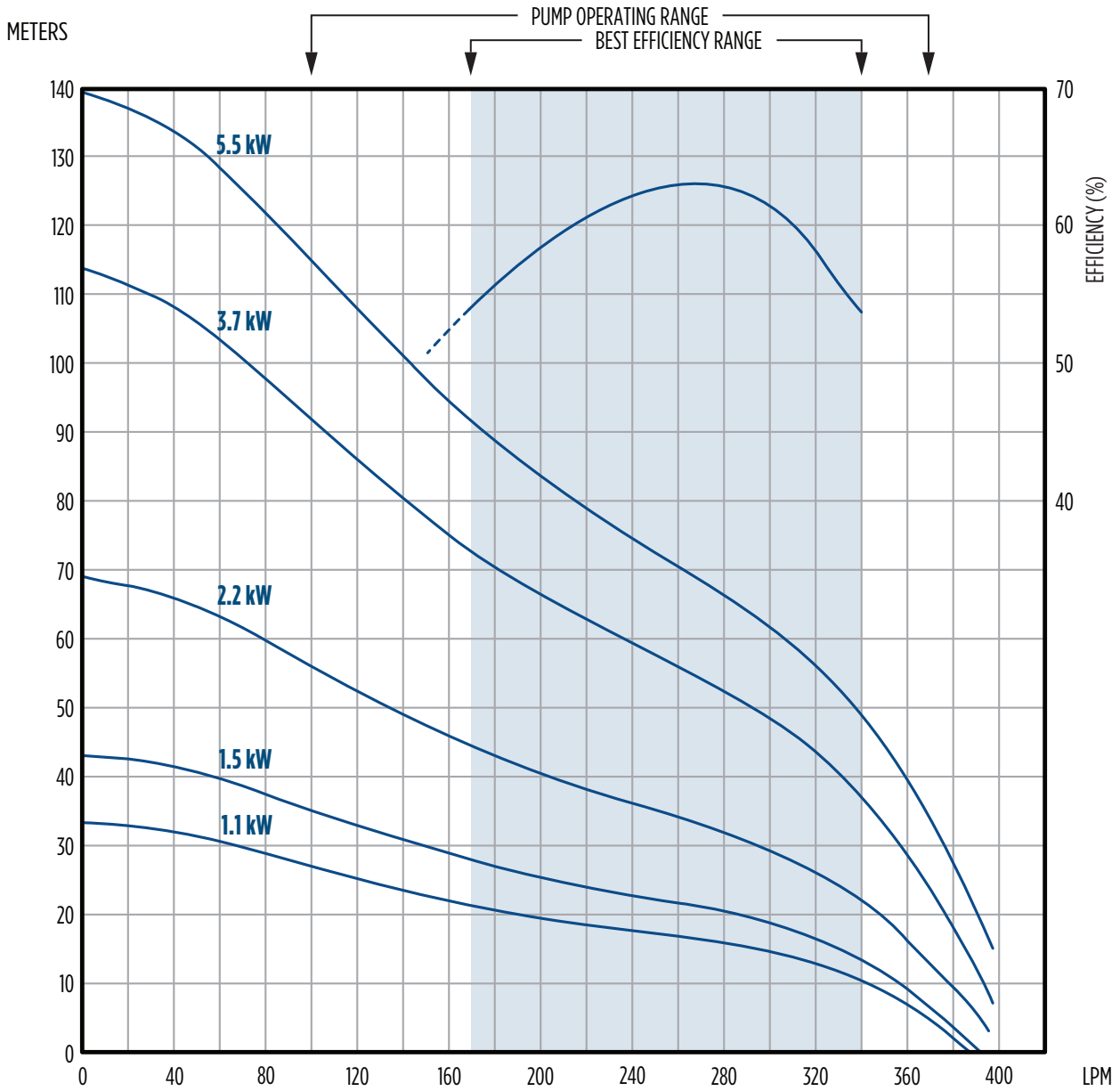


LPM	MODEL No.	PUMP MODEL	STAGES	MOTOR		DELIVERY									
				kW	HP	M3/hr	0	3.6	6.0	7.2	8.4	9.6	10.8	12.0	14.4
						LPM	0	60	100	120	140	160	180	200	240
200	FPS-12A-10	200FH2S4 - PEXB	10	1.5	2	HEAD(m)	60	52	46	43	39	36	32	28	20
	FPS-12A-16	200FH3S4 - PEXB	16	2.2	3		95	82	72	67	61	56	49	44	39
	FPS-12A-23	200FH5S4 - PEXB	23	3.7	5		139	120	106	98	91	84	76	67	46
	FPS-12A-30	200FH7S4 - PEXB	30	5.5	7.5		185	159	141	132	122	112	102	91	62

NOTE : Performance shown is based on a pump without check valve

Basic Model	PEI <sub>CL</sub> Number
90S4	0.92

**PERFORMANCE** 270LPM



LPM	MODEL No.	PUMP MODEL	STAGES	MOTOR		DELIVERY								
				kW	HP	M3/hr	0	7.2	9.6	12.0	14.4	16.8	19.2	21.6
							LPM	0	60	100	120	140	160	180
270	FPS-16A-06	270FH15S4 - PEXB	6	1.1	1.5	HEAD(m)	33	25	23	19	17	15	13	7
	FPS-16A-08	270FH2S4 - PEXB	8	1.5	2		43	33	29	26	23	21	17	9
	FPS-16A-13	270FH3S4 - PEXB	13	2.2	3		69	52	46	41	36	32	26	17
	FPS-16A-21	270FH5S4 - PEXB	21	3.7	5		114	86	75	66	59	53	44	29
	FPS-16A-25	270FH7S4 - PEXB	25	5.5	7.5		140	108	95	84	74	67	57	40

NOTE : Performance shown is based on a pump without check valve





Franklin Electric (Australia) Pty. Ltd.  
106-110 Micro Circuit, Dandenong South  
Victoria, 3175

Phone: +61 3 97995000  
e-mail: feaustralia@fele.com

