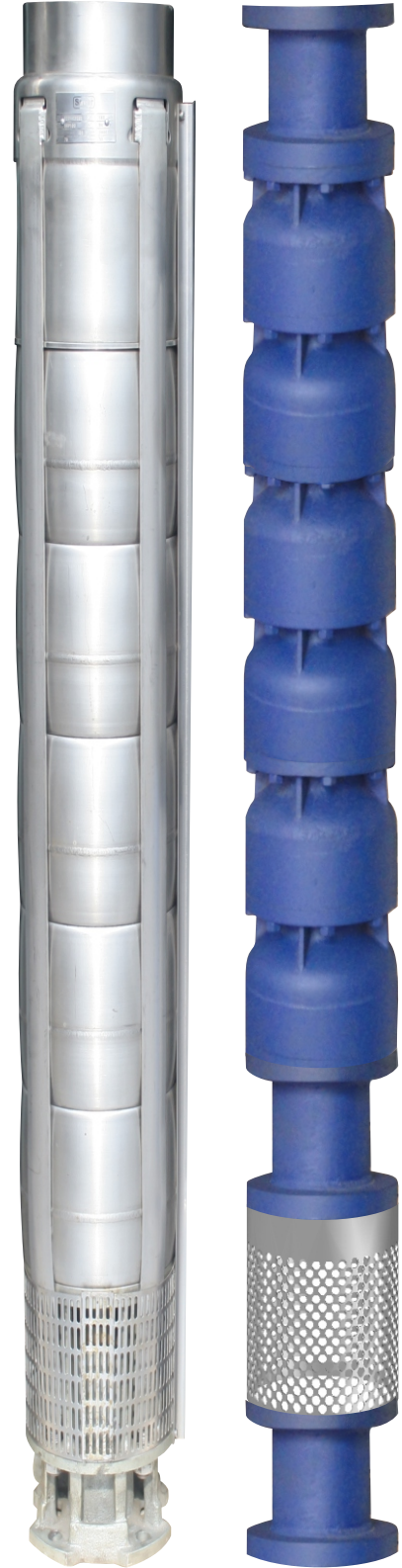




# FLOWPAK

## SUBMERSIBLE PUMP



# CAST IRON SUBMERSIBLE PUMPS



### Applications

- Public water supply schemes.
- Large scale irrigation schemes.
- Industrial applications.
- De-watering of mines & construction sites.
- High rise buildings, hospitals & shopping centers.
- Ground water lowering.
- Pressure boosting.
- Agricultural irrigation.

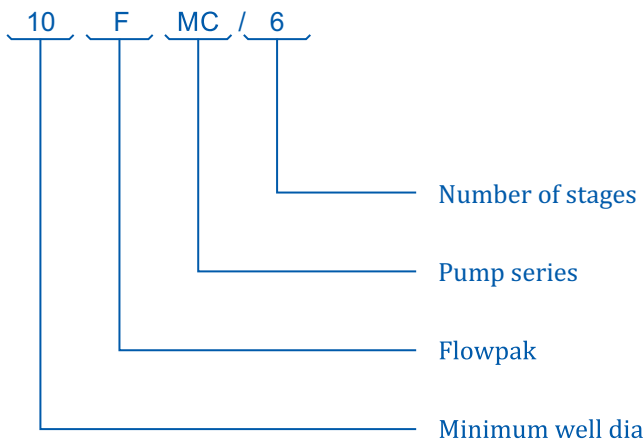
### Pumping Liquid

Clean, thin, non-aggressive, non-explosive, clear, cold and fresh water without abrasives, solid particles or fiber.

### Operating Data

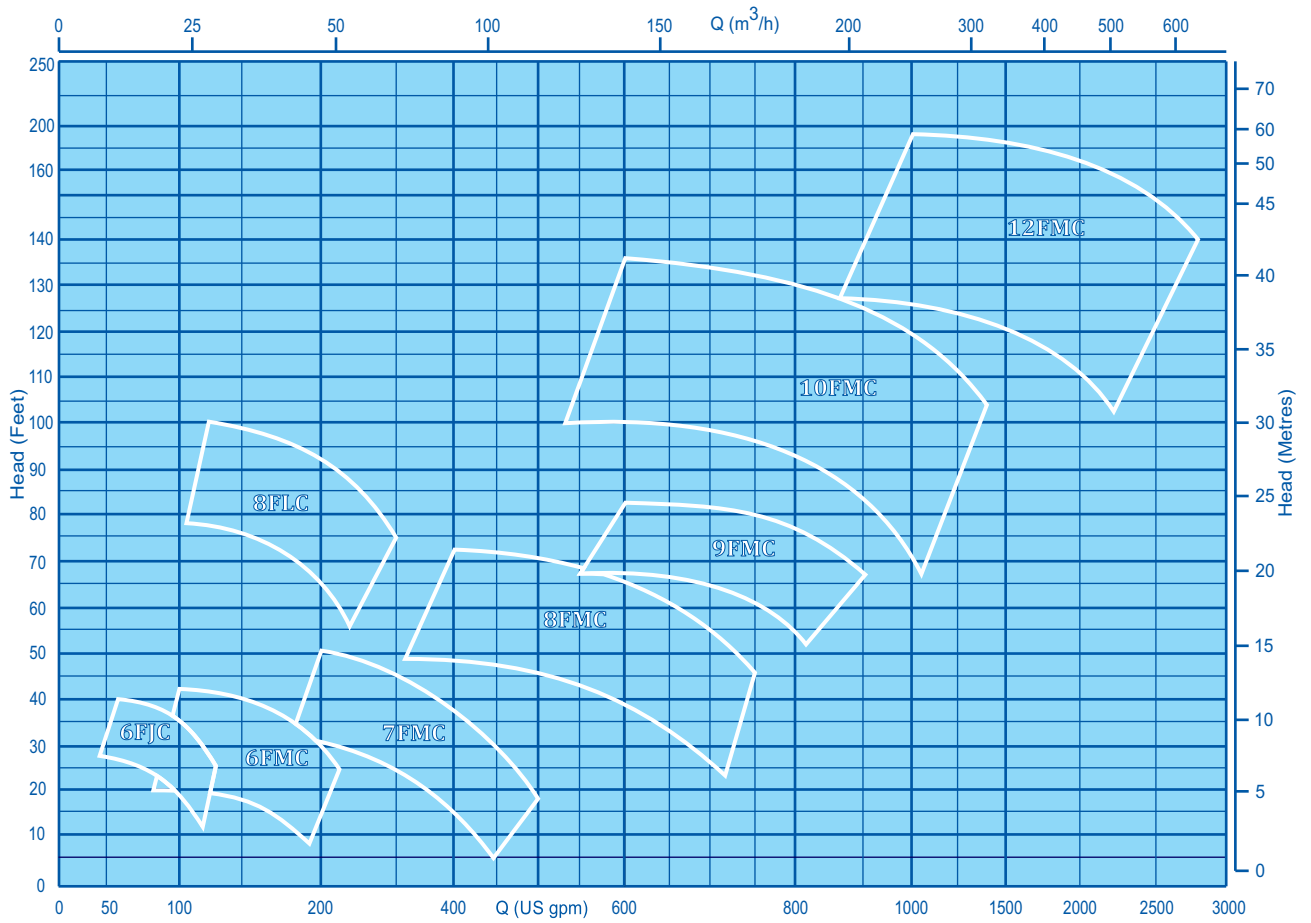
- |                        |       |                        |
|------------------------|-------|------------------------|
| ● Capacity             | up to | 2800 US GPM            |
| ● Total Head           | up to | 2000 Feet              |
| ● Speed                | up to | 2900 RPM               |
| ● Water Temp.          | up to | 30 °c (50 °c optional) |
| ● Suspended Depth      | up to | 950 Feet               |
| ● Max. Sand Content    | up to | 50 Gr/m <sup>3</sup>   |
| ● Degree of Protection | up to | IP 68                  |
| ● Voltage              |       | 380-415 (+6%/- 10%)    |

### Model Identification Code





# PERFORMANCE CURVE



Note: Single Stage Performance Chart at 2900 RPM

# CAST



**SELECTION CHART**

Pump Model	Minimum Well Size (inch)	Column Pipe Size (inch)	Flow Range (US gpm)	Head/Stage (feet)	1st/Add stage Length (inch)
6FJC	8	2½, 3	60-130	40-26	15.00/4.50
6FMC	8	2½, 3	100-225	42-25	15.00/4.00
7FMC	8	3, 4	200-450	50-26	16.00/5.00
8FLC	10	3, 4	125-300	100-75	17.50/6.10
8FMC	10	4, 5	400-750	72-46	17.50/5.50
9FMC	10	5, 6	600-900	82-67	19.00/6.62
10FMC	12	6, 8	600-1400	104-80	20.00/6.50
12FMC	14	8, 10	1000-2800	192-140	24.50/8.00

# IRON

# **STAINLESS STEEL SUBMERSIBLE PUMPS**





### Applications

- Public water supply schemes.
- Large scale irrigation schemes.
- Industrial applications.
- De-watering of mines & construction sites.
- High rise buildings, hospitals & shopping centers.
- Ground water lowering.
- Pressure boosting.
- Agricultural irrigation.

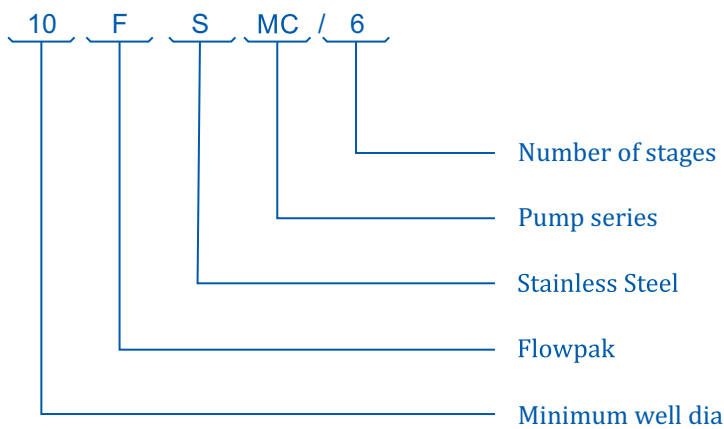
### Pumping Liquid

Clean, thin, non-aggressive, non-explosive, clear, cold and fresh water without abrasives, solid particles or fiber.

### Operating Data

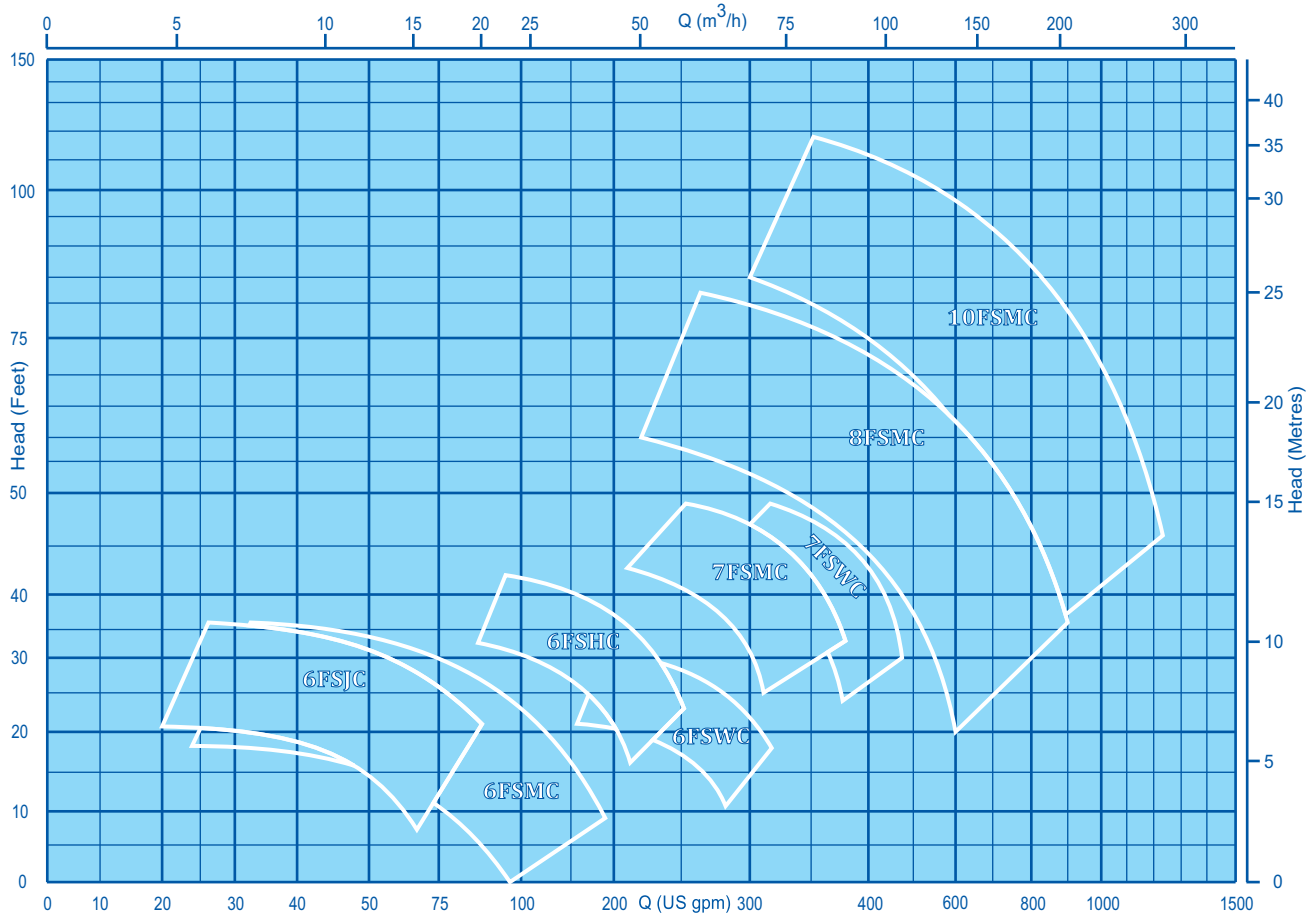
- |                        |       |                        |
|------------------------|-------|------------------------|
| ● Capacity             | up to | 1250 US GPM            |
| ● Total Head           | up to | 2000 Feet              |
| ● Speed                | up to | 2900 RPM               |
| ● Water Temp.          | up to | 30 °c (50 °c optional) |
| ● Suspended Depth      | up to | 950 Feet               |
| ● Max. Sand Content    | up to | 50 Gr/m <sup>3</sup>   |
| ● Degree of Protection | up to | IP 68                  |
| ● Voltage              |       | 380-415 (+6%/- 10%)    |

### Model Identification Code



GENERAL FEATURES

PERFORMANCE CURVE



Note: Single Stage Performance Chart at 2900 RPM

STAINLESS



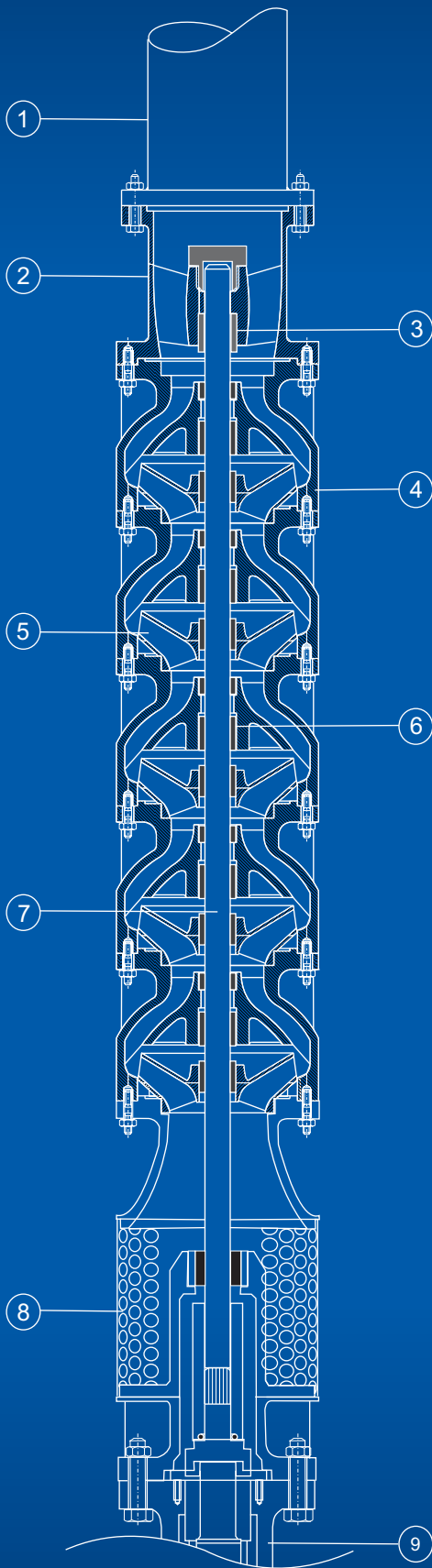


Pump Model	Minimum Well Size (inch)	Column Pipe Size (inch)	Flow Range (US gpm)	Head/Stage (feet)	1st/Add stage Length (inch)
6FSJC	8	2, 2½	26-88	36-21	13.0-2.4
6FSMC	8	2½, 3	32-190	36-9	14.5-4.5
6FSHC	8	2½, 3	95-253	42-23	14.5-4.5
6FSWC	8	3, 4	190-317	31-18	15.2-4.5
7FSMC	10	3, 4	253-380	49-33	19.1-5.1
7FSWC	10	4, 5	317-475	49-30	19.1-5.1
8FSMC	10	4, 5, 6	264-880	82-36	28.1-6.0
10FSMC	12	4, 5, 6	352-1232	118-46	31.6-7.0

SELECTION CHART

# STEEL

# SECTIONAL VIEW



## PART LIST

Sr.	Description	Standard	Engineered	
1	Riser Pipe	Steel	Stainless steel	
2	Discharge Stage Housing	Cast Iron	Ni. cast iron	Stainless steel
3	Discharge Stage Bearing	Bronze	Zinc less Bronze	Stainless steel
4	Bowl	Cast Iron	Ni. cast iron	Stainless steel
5	Impeller	Bronze	Zinc less Bronze	Stainless steel
6	Bowl Bearing	Bronze	Zinc less Bronze	Stainless steel
7	Pump Shaft	Stainless Steel		
8	Strainer	Galvanized Steel	Stainless steel	
9	Submersible Motor	-----	-----	

**Note:**  
Pumps can also be supplied with Epoxy Coating

HP	CABLE SIZES (DOL)										
	3x1.5	3x2.5	3x4	3x6	3x10	3x16	3x25	3x35	3x50	3x70	3x95
10	38	64	102	153	256	409	639	894	1278	1789	2428
15		45	72	109	181	289	452	633	904	1266	1718
20			52	79	131	210	327	458	655	917	1244
25					106	170	266	372	531	744	1009
30					90	145	226	316	452	633	859
35					76	122	190	266	380	532	722
40					67	107	168	235	336	470	638
50						89	139	195	279	390	529
60							115	160	229	321	434
70								139	198	278	377
75								131	187	262	356
80								120	172	241	326
90									154	215	292
100									132	192	261
125										157	213
150											182

HP	CABLE SIZES (Star-Delta)										
	3x1.5	3x2.5	3x4	3x6	3x10	3x16	3x25	3x35	3x50	3x70	3x95
10	57	96	153	230	383	613	958	1342	1916	2683	3641
15	41	68	109	163	271	434	678	949	1356	1899	2577
20	29	49	79	118	196	314	491	688	982	1375	1867
25		40	64	96	159	255	398	558	797	1115	1514
30			54	81	136	217	339	475	678	949	1288
35			46	68	114	182	285	399	570	798	1083
40				60	101	161	252	352	503	705	956
50					84	134	209	293	418	585	794
60					69	110	172	241	344	481	653
70					59	95	149	208	297	416	565
75						90	141	197	281	394	534
80						82	129	180	258	361	490
90						74	115	162	231	323	439
100							103	144	206	289	392
125								118	168	235	319
150								101	144	201	273

**Note:**  
Maximum allowed cable lengths (metres).

## **FLOWPAK PUMP INDUSTRIES (PVT) LTD.**

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