



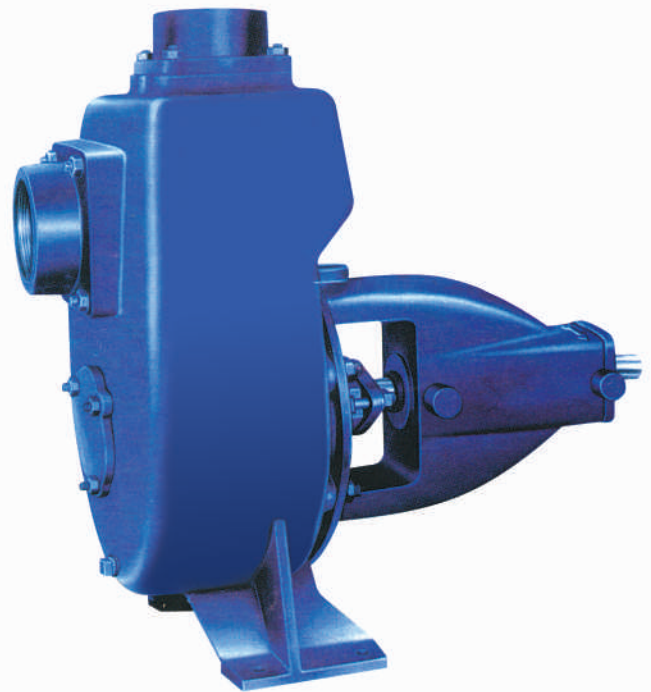
# Centrifugal Self Priming Pumps

## FPE-S / FPE-SJ series

Capacity up to : 100 M<sup>3</sup>/Hr.  
 Temp. up to : 120° C  
 TDH up to : 35 MLC  
 Working Pr. up to : 15 Bars  
 Delivery Size up to : 150 mm

### Industries Covered

Pharmaceuticals & Chemical	Oil Extraction Plants
Pulp & Paper Industries	Waste Oil Refining Plants
Starch Industries	Air-Conditioning / Heating Plants
Effluent Treatment Plants	Cooling Tower Water Circulation
Dyes & Intermediates	Solvent Transfer
RO & DM Water Plants	Thermic Fluid Circulation



### Material of Construction :

Pumps are manufactured in variety of materials such as

- Cast Iron
- Stainless Steel as per ASTM A 351/743 Gr. CF8, CF8M
- Carbon Steel / WCB.
- Bronze

### PUMP SELECTION

Approximate performance of FPE-S Series, Self Priming, Coupled Pumps, at rated speed :

PUMP	POWER		RATED SPEED	PIPE SIZE		IMP. DIA.	TOTAL HEAD IN METRES																SOLID HANDLING (mm)	DOR FROM					
	KW	HP		SUC.	DEL.		6	8	10	12	14	15	16	18	19	20	22	24	25	26	28	30			32	34			
Motor Coupled							CAPACITY IN LITRES PER SECOND																						
FPE-S 40	0.75	1.0	2900	40	40	116	4.6	4.1	3.6	2.7	1.5	0.6															7.0	CCW	
FPE-S 40H	1.5	2.0	2900	40	40	134			6.3	5.6	4.9	4.4	4.0	2.8	1.9	0.9												8.5	CCW
FPE-S 50	2.2	3.0	2900	50	50	145			9.3	8.8	8.1	7.8	7.3	6.5	6.0													10.5	CW
FPE-S 80A	3.7	5.0	2900	80	80	174																						7.0	CCW
FPE-S 80	5.5	7.5	2900	80	80	174																						14.5	CCW
FPE-S 80L+	3.7	5.0	1450	80	80	224			18.0	16.4	13.6	11.6	10.0	5.5														15.5	CW
FPE-S 100LA+	7.5	10.0	1450	100	100	292			36.0	33.9	31.2	30.0	28.6	25.5	23.9	22.5	18.0	12.0										18.5	CW
FPE-S 100L+	9.3	12.5	1450	100	100	292			41.5	39.5	36.6	35.3	33.6	30.5	28.3	26.2	22.0	17.0	14.0	10.0								23.0	CW
FPE-S 150LA	15.0	20.0	1450	150	150	296			66.3	63.4	59.8	57.5	55.0	48.8	45.5	42.5	34.2	23.8										34.0	CCW
FPE-S 150L	18.7	25.0	1450	150	150	296			75.0	72.5	68.7	66.2	64.0	58.5	55.5	52.0	45.0	34.0	27.5	20.0								40.0	CCW
Engine Coupled																													
FPE-S 80L+	4.0	6.0	1500	80	80	224					17.7	15.6	14.0	12.5	8.5	6.0	3.5											15.5	CW
FPE-S 80L+	9.0	12.0	1800	80	80	224							22.5	22.0	20.7	19.9	19.0	16.7	13.7	12.0	10.1	6.0						15.5	CW
FPE-S 100LA+	9.0	12.0	1500	100	100	292					36.3	33.9	32.5	31.2	28.2	26.6	25.0	21.5	17.1	14.5	11.5							18.5	CW
FPE-S 100L+	10.5	14.0	1500	100	100	292					41.2	39.1	38.0	36.5	33.9	32.0	30.5	26.4	21.5	18.5	16.0	9.9						23.0	CW
FPE-S 150LA	16.5	22.0	1500	150	150	296					68.0	66.1	63.0	62.0	59.0	53.5	51.7	48.0	41.0	32.8	28.4	22.5						34.0	CCW
FPE-S 150L	19.5	26.0	1500	150	150	296					77.5	75.0	72.0	71.0	68.0	63.0	62.0	57.0	51.0	42.5	38.8	32.5						40.0	CCW

NOTE: Performance applicable to liquid of specific gravity 1 and viscosity as of water.