



SALIENT FEATURES

- The design speciality of these pumps allows pumping out certain amount of mud, dirt and suspended solids.
- Suitable for handling water and non corrosive liquids having temperature up to 60°C
- Non clog and semi open type impeller enables to handle solids of 7 to 40 mm as per model.
- Back pull out design enable to service without disturbing the pipe line.
- Easy maintenance with interchangeable parts and separate gland cover.

APPLICATION

- Suitable for Pumping muddy water, Sewage, Polluted liquids including solids etc.
- Dewatering Docks, Ports, Vessels, Swamps, Basements, Trenches, Construction sites, Swimming pools etc.
- Transfer for Chemicals, Solvents, Effluents, Hot water, Chilled water, Condensate etc.

MATERIAL OF CONSTRUCTION

Impeller : Cast Iron / SS - 316, SS - 304 / Bronze or as per request
 Casing : Cast Iron / SS - 316, SS - 304 / Bronze or as per request
 Shaft/Sleeve : EN - 8 / SS - 316, SS - 304 or as per request

Approximate performance of 'SPM' Series, Self Priming, Coupled Pumps, at rated speed

Model	Power Rating		*Size (mm) SUCxDEL	Impeller Dia. (mm)	Total Head in Meters																Solid handling Size (mm)	Rated Speed (RPM)			
	KW	HP			6	8	10	12	14	15	16	18	19	20	22	24	25	26	28	30			32	34	
Motor Drive					Capacity in Liters per Second																				
SPM '0'	0.75	1.0	40 x 40	116	4.6	4.1	3.6	2.7	1.5	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	7.0	2900
SPM 1H	1.5	2.0	40 x 40	134	-	-	6.3	5.6	4.9	4.4	4.0	2.8	1.9	0.9	-	-	-	-	-	-	-	-	-	8.5	2900
SPM 2H	2.2	3.0	50 x 50	145	-	-	9.3	8.8	8.1	7.8	7.3	6.5	6.0	5.4	4.1	2.7	1.8	0.8	-	-	-	-	-	10.5	2900
SPM 3A	3.7	5.0	80 x 80	174	-	-	-	-	-	-	-	-	-	-	10.1	9.3	8.2	7.5	6.8	5.2	3.8	1.8	-	7.0	2900
SPM 3	5.5	7.5	80 x 80	174	-	-	-	-	-	-	-	-	-	-	16.4	16.2	15.5	14.8	14.0	12.5	10.2	8.0	5.5	14.5	2900
SPM 3L+	3.7	5.0	80 x 80	224	-	-	18.0	16.4	13.6	11.6	10.0	5.5	-	-	-	-	-	-	-	-	-	-	-	15.5	1450
SPM 4LA+	7.5	10.0	100 x 100	292	-	-	36.0	33.9	31.2	30.0	28.6	25.5	23.9	22.5	18.0	12.0	-	-	-	-	-	-	-	18.5	1450
SPM 4L+	9.3	12.5	100 x 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	1450
SPM 6LA	15.0	20.0	150 x 150	296	-	-	66.3	63.4	59.8	57.5	55.0	48.8	45.5	42.5	34.2	23.8	-	-	-	-	-	-	-	34.0	1450
SPM 6L	18.7	25.0	150 x 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	1450
Engine Drive					Capacity in Liters per Second																				
SPM 3L+	4.0	6.0	80 x 80	224	-	-	-	17.7	15.6	14.0	12.5	8.5	6.0	3.5	-	-	-	-	-	-	-	-	-	15.5	1500
SPM 3L+	9.0	12.0	80 x 80	224	-	-	-	-	22.5	22.0	20.7	19.9	19.0	16.7	13.7	12.0	10.1	6.0	-	-	-	-	-	15.5	1800
SPM 4LA+	9.0	12.0	100 x 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	1500
SPM 4L+	10.5	14.0	100 x 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	1500
SPM 6LA	16.5	22.0	150 x 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	1500
SPM 6L	19.5	26.0	150 x 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	1500

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

*Size = Suction - Discharge Ports.