





Franklin Electric

# SVM

## Submersible Pumps - Selection Guidelines

REQUIRED RATE OF FLOW - LITRES PER HOUR			BOREHOLE DEPTH - METRES											
			10 - 20	20 - 30	30 - 40	40 - 50	50 - 60	60 - 70	70 - 80	80 - 100	100 - 120	120 - 140	140 - 160	
 DAM TANK	100 - 250	4												
	250 - 500	8					3013/037		3019/055		3026/075			
	500 - 750	13	5505/037										3038/110	
	750 - 1000	17		5507/037		5510/055			3026/075					5527/110
	1000 - 1250	21												
	1250 - 1500	25						5514/075					5527/150	
	1500 - 2000	33			5510/055				5520/110					5539/220
	2000 - 2500	42		5510/055	5514/075				5527/150					7037/300
2500 - 3000	50	7007/055		7010/075	7015/110			7020/150		7030/220		7037/300	10040/370	
 SMALL HOUSEHOLD + LABOUR AVERAGE SIZED GARDEN	100 - 250	4												
	250 - 500	8												
	500 - 750	13												
	750 - 1000	17												
	1000 - 1250	21					3019/055		3026/075					
	1250 - 1500	25					5510/055							
	1500 - 1750	29					5514/075							
	1750 - 2000	33												
2000 - 2500	38					7010/075								
2250 - 2500	42													
2500 - 3000	50						7015/110							
3000 - 3500	58	10014/110						10027/220						
3500 - 4000	67		10018/150											
4500 - 5000	83								10032/300					
5000 - 5500	92	15013/150												
5500 - 6000	100													
6000 - 7000	117													
7000 - 8000	133													
8000 - 9000	150													
9000 - 10000	167													
> 10000	200													
			Please consult expert assistance on pump selection in this area of use											
			Model numbers: Numbers before the oblique line = Pump model. Numbers after the oblique line = Motor size (kW/100)											
			Indemnity - The selections on the tables are based on accepted engineering practice. However, we do not accept responsibility in the case of inapplicable operations.											
			If the pump selection falls outside the above tables, or if you wish to ensure that you make the very best selection for your specific needs, we cordially invite you to make use of our expert assistance. Contact us right now at the following numbers:											
			JOHANNESBURG (011) 723-6500			BLOEMFONTEIN (051) 434-1565			info@franklin-electric.com					
			CAPE TOWN (021) 949-5458			DURBAN (031) 700-4160			www.franklin-electric.com					

### IMPORTANT NOTE

All the selections are based on a surface pipe length of 100 metres and a flow velocity of ± 1.5 metres per second in the pipelines. If the borehole is lower than the outlet, add the vertical height difference between the opening of the borehole and the outlet to the borehole depth. If the borehole is further than 100 metres from the outlet, add a further 5 metres for every additional 100 metres between the borehole and the outlet to the borehole depth. Then use the new "borehole depth" to select the pump.