

WELL SCREEN DATA

Material			304 Stainless	
Nom Size	6	PS	150	<i>mm</i>
Estimated Total Well Depth	800	ft	244	<i>meters</i>
Estimated Feet of Screen	285	ft	87	<i>meters</i>
Design Slot Size	0.020	in	0.5	<i>mm</i>
Approx. Outside Diameter	6.81	in	173	<i>mm</i>
Screen Barrel Inside Diameter	6.06	in	154	<i>mm</i>
Approx. Clear ID at Fittings	5.91	in	150	<i>mm</i>
Approx. Weight Per Ft	9	lbs	4	<i>kg</i>
Wire Width	0.150	in	3.8	<i>mm</i>
Wire Height	0.220	in	5.6	<i>mm</i>
Calc. Collapse Strength *	715	PSI	50	<i>kg/sq.cm</i>
Open Area	11.8%			
Intake Area	30	sq.in./ft	639	<i>sq.cm./meter</i>
Transmitting Capacity-at 0.1 ft/sec	9	gpm/ft	2	<i>lps/meter</i>
Support Rod Diam	0.153	in	3.9	<i>mm</i>
No Rods	40			
Cross Sectional Rod Area	0.86	sq.in.	5.57	<i>sq.cm.</i>
Design Yield Strength	30,000	PSI	2,109	<i>kg/sq.cm</i>
Calc.Tensile Strength *	22,000	lbs	10,000	<i>kg</i>
Max.Recomended Hang Wt. *	11,000	lbs	5,000	<i>kg</i>
Column Load **	4,800	lbs	2,200	<i>kg</i>