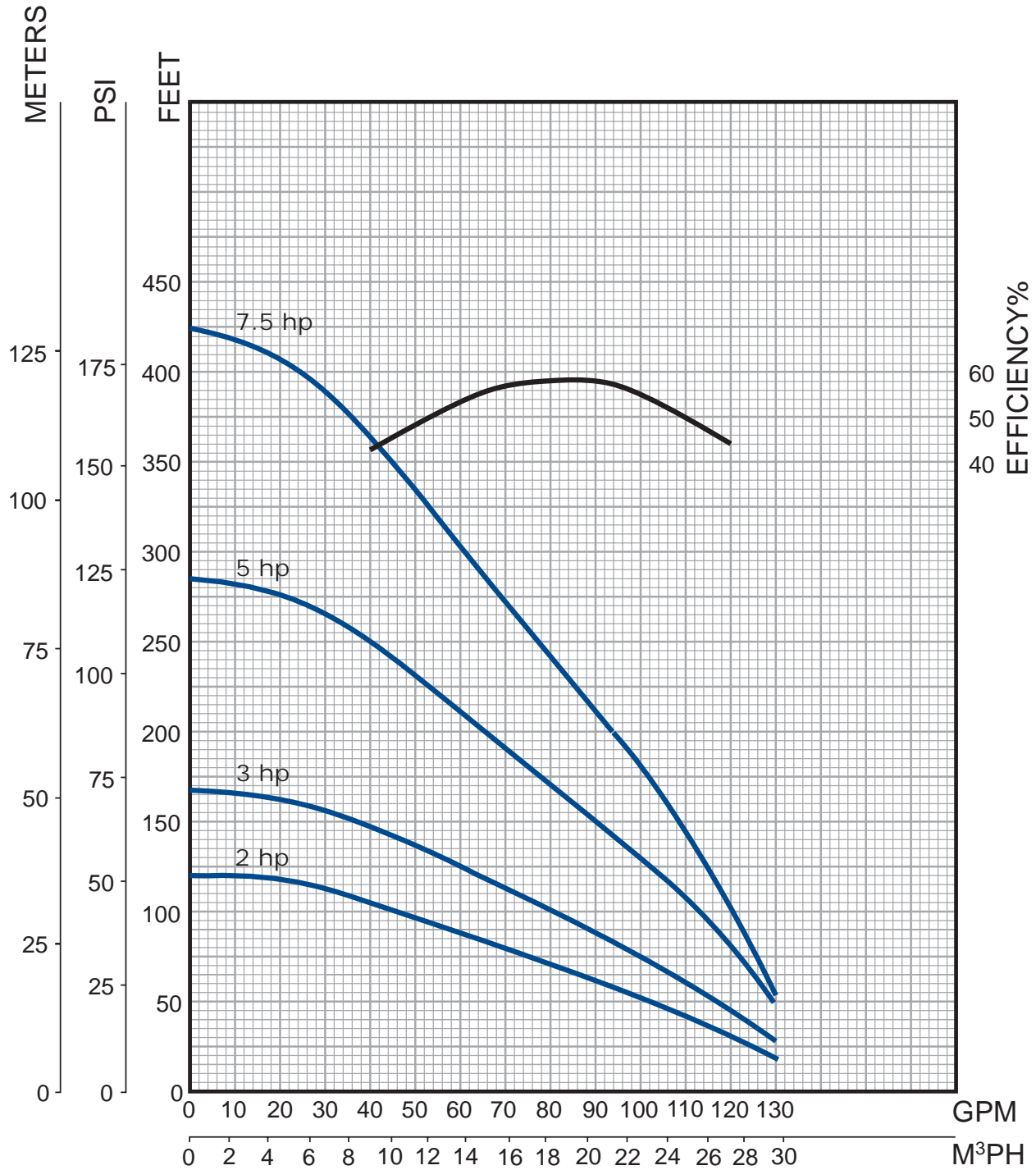


# 4" Submersible Pumps

## SandHandler High Capacity 90 gpm Performance Curves



Note: 1. Performance shown does not include friction loss in the drop pipe.  
 2. All performance data is based on rated motor nameplate voltage.

# 4" Submersible Pumps

## SandHandler High Capacity 90 gpm Performance Charts

Capacities in U.S. Gallons per Minute:

HP	PSI	DEPTH TO PUMPING WATER LEVEL, OR LIFT, IN FEET																	
		20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	
2	0	130	120	110	100	90	80	70	60	45	30	10							
	10	105	100	90	80	70	55	40	20										
	20	85	75	65	50	35	15												
	30	60	45	30	10														
	40	25	5																
Shut-off psi		43	39	35	30	26	22	17	13	9	4								
3	0	140	130	120	115	105	100	95	90	80	75	65	55	45	30	15			
	10	120	110	105	100	95	85	80	70	65	55	40	25	10					
	20	105	95	90	85	80	70	60	50	35	20	54							
	30	90	80	75	65	55	45	35	15										
	40	75	65	55	40	30	10												
	50	50	40	25	5														
60	20																		
Shut-off psi		64	59	55	51	46	42	38	33	29	25	20	16	12	7	3			
HP	PSI	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	
5	0	145	135	125	120	110	105	95	85	80	70	55	45	30	10				
	10	135	125	115	110	100	95	85	75	65	55	40	25	10					
	20	125	115	110	100	95	85	75	65	55	40	25	5						
	30	115	105	100	90	85	75	65	50	40	20	5							
	40	105	100	90	80	70	60	50	35	20									
	50	95	90	80	70	60	45	35	15										
	60	90	80	70	60	45	30	15											
	70	80	70	55	45	30	10												
	80	65	55	40	25	5													
	90	50	40	25	5														
100	35	20																	
Shut-off psi		115	106	97	89	80	71	63	54	45	37	28	19	11	2				
HP	PSI	20	50	80	110	140	170	200	230	260	290	320	350	380	410	440	470	500	
7.5	0	140	135	125	115	110	100	95	85	75	65	55	45	30	15				
	20	130	120	110	105	95	90	80	70	60	50	35	20	5					
	30	120	115	105	100	90	85	75	65	55	40	25	10						
	40	115	110	100	95	85	75	65	55	45	30	10							
	50	110	105	95	85	80	70	60	45	30	15								
	60	105	95	90	80	70	60	50	35	20	5								
	80	95	85	75	65	55	40	25	10										
	100	80	70	60	50	35	20												
	120	65	55	40	25	10													
	140	45	35	20															
160	25	10																	
Shut-off psi		175	162	149	136	123	110	97	84	71	58	45	32	19	6				