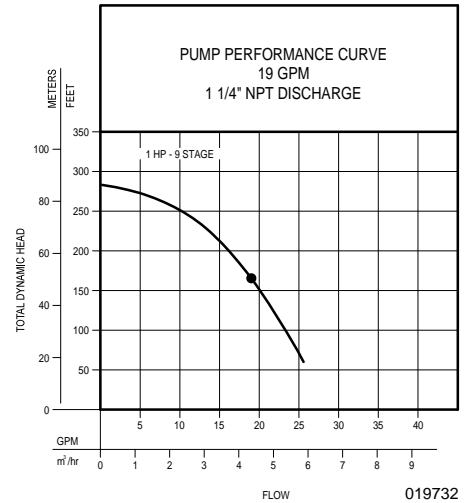
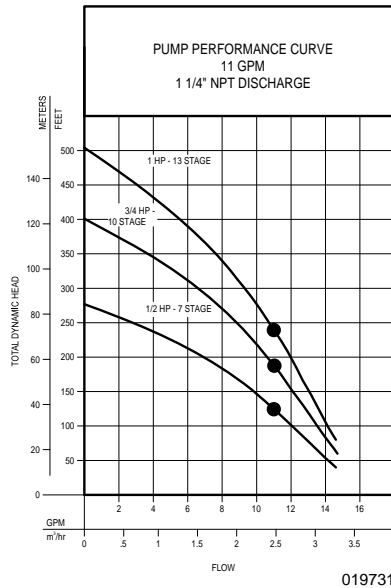
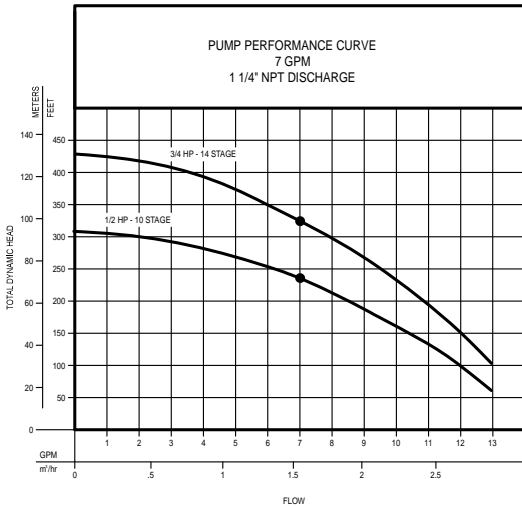


# 4" Submersible Cast Iron Pump Selection Charts

	Model	Volts	HP	Stages	Motor Type	Ship Wt.	Disch. Press. PSI	DEPTH TO WATER LEVEL IN FEET - CAPACITIES IN GALLONS PER MINUTE																		Max. Press.		
								20	40	60	80	100	120	140	160	180	200	225	250	275	300	325	350	400	450	Ft.	PSI	
7 GPM 1/2 THRU 3/4 HP	450-0005	230	1/2	10	1 PH 3 Wire	22	0	20	40	60	80	100	120	140	160	180	200	225	250	275	300	325	350	400	450	310	134	
								13.6	13.0	12.4	11.7	11.0	10.4	9.8	9.0	8.2	7.2	5.8	4.2	2.1								
								12.9	12.2	11.6	10.9	10.3	9.6	8.1	7.2	6.1	4.7	2.6										
	450-0006	115	230	1 PH 2 Wire	22	60	80	20	40	60	80	100	120	140	160	180	200	225	250	275	300	325	350	400	450	310	134	
								11.3	10.7	10.0	9.3	8.5	7.7	6.8	5.7	4.4	2.8											
								9.8	9.1	8.3	7.5	6.5	5.3	4.0	2.3													
	451-0005	230	3/4	14	1 PH 2 Wire	27	0	20	40	60	80	100	120	140	160	180	200	225	250	275	300	325	350	400	450	430	186	
								13.6	13.2	12.9	12.5	12.0	11.6	11.1	10.7	10.0	9.3	8.5	7.8	6.9	6.0	3.4						
								13.1	12.7	12.4	11.9	11.5	11.0	10.5	10.0	9.4	8.7	7.9	7.1	6.2	5.2	3.7						
11 GPM 1/2 THRU 1 HP	450-0008	115	1/2	7	1 PH 3 Wire	21	0	20	40	60	80	100	120	140	160	180	200	225	250	275	300	325	350	400	450	277	120	
								14.6	13.7	12.9	12.1	11.2	10.3	9.4	8.2	7.0	5.1	2.9										
								13.5	12.6	11.8	11.0	10.0	9.0	7.9	6.5	5.0	3.2											
	450-0009	230	230	1 PH 2 Wire	21	60	80	20	40	60	80	100	120	140	160	180	200	225	250	275	300	325	350	400	450	277	120	
								11.6	10.7	9.7	8.7	7.5	6.1	4.5	2.6													
								9.4	8.3	7.1	5.6	3.9	2.0															
	451-0010	115	230	1 PH 2 Wire	21	60	80	20	40	60	80	100	120	140	160	180	200	225	250	275	300	325	350	400	450	277	120	
								11.6	10.7	9.7	8.7	7.5	6.1	4.5	2.6													
								9.4	8.3	7.1	5.6	3.9	2.0															
	450-0011	230	230	1 PH 2 Wire	21	60	80	20	40	60	80	100	120	140	160	180	200	225	250	275	300	325	350	400	450	277	120	
								11.6	10.7	9.7	8.7	7.5	6.1	4.5	2.6													
								9.4	8.3	7.1	5.6	3.9	2.0															
19 GPM 1 HP	451-0006	230	3/4	10	1 PH 3 Wire	25	0	20	40	60	80	100	120	140	160	180	200	225	250	275	300	325	350	400	450	401	173	
								14.5	13.9	13.1	12.8	12.2	11.7	11.1	10.4	9.8	9.0	8.0	6.8	5.5	4.0	2.3						
								13.2	12.6	12.1	11.5	10.9	10.2	9.5	8.8	7.9	7.0	5.7	4.2	2.6								
	451-0007	230	1	13	1 PH 2 Wire	25	60	80	20	40	60	80	100	120	140	160	180	200	225	250	275	300	325	350	400	450	401	173
									11.9	11.3	10.7	10.0	9.3	8.5	7.6	6.7	5.6	4.5	2.8									
									10.5	9.8	9.1	8.3	7.4	6.4	5.3	4.1	2.8											
452-0005	230	1	13	1 PH 3 Wire	29	0	20	40	60	80	100	120	140	160	180	200	225	250	275	300	325	350	400	450	504	218		
							14.9	14.5	14.0	13.6	13.1	12.7	12.3	11.8	11.3	10.8	10.2	9.5	8.7	7.8	6.9	5.8	3.4					
							13.9	13.4	13.0	12.6	12.1	11.7	11.2	10.7	10.1	9.6	8.8	7.9	7.0	6.0	4.8	3.6						
452-0006	230	1	13	1 PH 2 Wire	29	60	80	20	40	60	80	100	120	140	160	180	200	225	250	275	300	325	350	400	450	504	218	
								12.9	12.4	12.0	11.5	11.0	10.5	10.0	9.4	8.7	8.1	7.2	6.1	5.0	3.8	2.4						
								11.8	11.4	10.9	10.3	9.8	9.2	8.5	7.9	7.1	6.3	5.2	4.0	2.6								
19 GPM 1 HP	452-0007	230	1	9	1 PH 3 Wire	27	0	20	40	60	80	100	120	140	160	180	200	225	250	275	300	325	350	400	450	283	122	
								25.2	24.0	22.9	21.7	20.4	19.0	17.4	15.6	13.7	11.4	6.2										
								22.5	21.2	19.8	18.4	16.8	15.2	12.8	10.4	5.6												
								19.5	17.9	16.4	14.5	12.2	9.6	3.5														
19 GPM 1 HP	452-0008	230	1	9	1 PH 2 Wire	27	0	20	40	60	80	100	120	140	160	180	200	225	250	275	300	325	350	400	450	283	122	
								25.2	24.0	22.9	21.7	20.4	19.0	17.4	15.6	13.7	11.4	6.2										
								22.5	21.2	19.8	18.4	16.8	15.2	12.8	10.4	5.6												
								19.5	17.9	16.4	14.5	12.2	9.6	3.5														



## RESERVE POWERED DESIGN

For unusual conditions a reserve safety factor is engineered into the design of every Zoeller pump.



MAIL TO: P.O. BOX 16347  
Louisville, KY 40256-0347  
SHIP TO: 3649 Cane Run Road  
Louisville, KY 40211-1961  
(502) 778-2731 • 1 (800) 928-PUMP  
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