

THE RUSTLER™ 4" SUBMERSIBLE PUMPS

THE RUSTLER™

The Rustler™ 4" submersible pump is one of the most popular models in the Myers® line. They have an exceptional history of durability and trouble-free operation. Stainless steel design and self-lubricating impellers offer the best service for extreme conditions. The Rustler also includes the PENTEK® XE Series, high-thrust motor for efficient performance and years of extended service.

APPLICATIONS

Water systems... residential, industrial, commercial, multiple housing and farm clean water use

SPECIFICATIONS

- Shell – 304 Stainless Steel
- Discharge – High-density composite resin
- Discharge Bearing – Nylatron®
- Impellers – Self-lubricating Noryl®
- Diffusers – Noryl
- Suction Caps – Noryl
- Shaft and Coupling – 304 Stainless Steel
- Intake – High-density composite resin
- Intake Screen – High-density composite resin
- Cable Guard – PVC
- Check Valve – Polyester Teflon®
- Fasteners – 304 Stainless Steel



FEATURES

Leading Performer

Premium 4" submersible pump series field proven and preferred by industry pros

True Grit

Self-lubricating impellers resist abrasion from grit and sand – outlasts the competition

Awesome Power

Features the high-thrust PENTEK XE motor for the ultimate in power, efficient performance and longer life. Thermal overload and lightning protected.

Built-in Safety

Built-in eyelet for safety line connection

Increased thread length

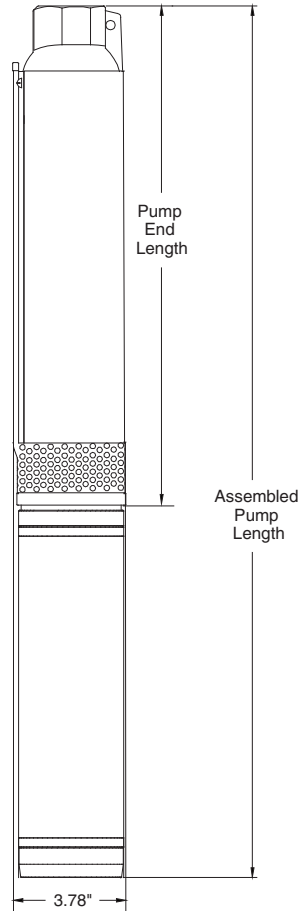


"Easy-grip" discharge bowl



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OUTLINE DIMENSIONS



CABLE SELECTION

THREE WIRE CABLE, 60 Hz (Service Entrance to Motor – Maximum Length in Feet)

Motor Rating		AWG Copper Wire Size										
Volts	HP	14	12	10	8	6	4	3	2	1	0	00
115	1/2	87	138	221	349	544	867	1090	1376	1734	2188	2761
230	1/2	348	553	883	1398	2175	3467	4359	5505	6935	8753	11044
	3/4	264	420	670	1061	1651	2632	3309	4178	5264	6644	8383
	1	226	359	573	908	1413	2252	2831	3575	4504	5685	7173
	1-1/2	197	314	501	793	1234	1968	2474	3124	3936	4968	6268

TWO WIRE CABLE, 60 Hz (Service Entrance to Motor – Maximum Length in Feet)

Motor Rating		AWG Copper Wire Size										
Volts	HP	14	12	10	8	6	4	3	2	1	0	00
115	1/2	115	183	293	463	721	1150	1445	1825	2299	2902	3662
230	1/2	466	742	1183	1874	2915	4648	5843	7379	9295	11733	14803
	3/4	342	545	869	1376	2141	3413	4291	5419	6826	8617	10871
	1	241	383	611	968	1506	2400	3018	3811	4801	6060	7646
	1-1/2	199	317	505	801	1246	1986	2496	3153	3972	5013	6325

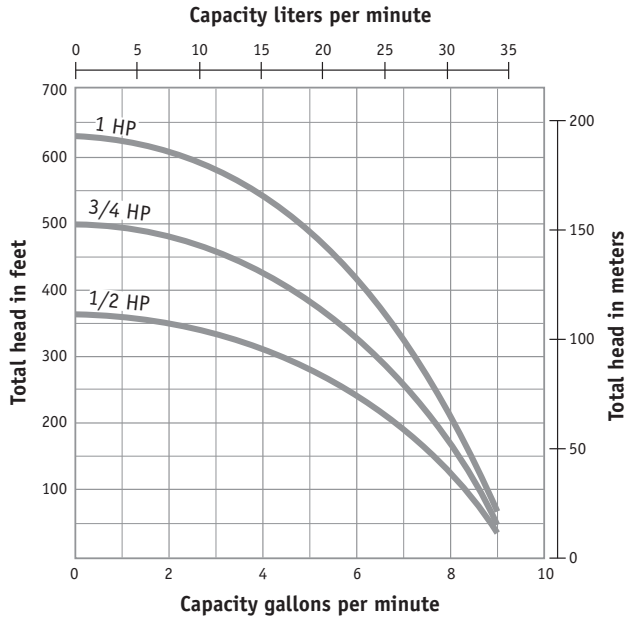
ORDERING INFORMATION

GPM	Motor Type	HP	Stg.	PH	Volt	Assembled Pump			Pump End		PENTEK® Motor	Control Box
						Catalog Number	Length Inches*	Weight Pounds*	Catalog Number	Length Inches*	Catalog Number	Catalog Number
5	2-Wire	1/2	11	1	230	2NFL52-5-P4	24-3/4	33	N55R	15-1/4	P42B0005A2	
		3/4	15	1		2NFL72-5-P4	28-3/4	35	N75R	18	P42B0007A2	
		1	19	1		2NFL102-5-P4	32-1/2	42	N105R	20-3/4	P42B0010A2	
	3-Wire	1/2	11	1		3NFL52-5-P4	24-3/4	30	N55R	15-1/4	P43B0005A2	SMC-CR0521
		3/4	15	1		3NFL72-5-P4	28-3/4	34	N75R	18	P43B0007A2	SMC-CR0721
		1	19	1		3NFL102-5-P4	32-1/2	39	N105R	20-3/4	P43B0010A2	SMC-CR1021
8	2-Wire	1/2	9	1	115	2NFL51-8-P4	24-1/2	31	N58R	15	P42B0005A1	
		1/2	9	1	230	2NFL52-8-P4	24-1/2	31	N58R	15	P42B0005A2	
		3/4	12	1		2NFL72-8-P4	27-3/4	35	N78R	17	P42B0007A2	
		1	15	1		2NFL102-8-P4	31-1/2	40	N108R	19-3/4	P42B0010A2	
		1-1/2	20	1		2NFL152-8-P4	38-3/4	49	N158R	23-1/2	P42B0015A2	
	3-Wire	1/2	9	1		230	3NFL52-8-P4	24-1/2	29	N58R	15	P43B0005A2
		3/4	12	1	3NFL72-8-P4		27-3/4	33	N78R	17	P43B0007A2	SMC-CR0721
		1	15	1	3NFL102-8-P4		31-1/2	37	N108R	19-3/4	P43B0010A2	SMC-CR1021
		1-1/2	20	1	3NFL152-8-P4		37	39	N158R	23-1/2	P43B0015A2	SMC-CR1521
		12	2-Wire	1/2	7		1	115	2NFL51-12-P4	23-1/4	29	N512R
1/2	7			1	230	2NFL52-12-P4	23-1/4	29	N512R	13-3/4	P42B0005A2	
3/4	9			1		2NFL72-12-P4	26-1/4	34	N712R	15-1/2	P42B0007A2	
1	11			1		2NFL102-12-P4	29	38	N1012R	17-1/4	P42B0010A2	
1-1/2	16			1		2NFL152-12-P4	36-3/4	45	N1512R	21-1/2	P42B0015A2	
3-Wire	1/2		7	1		230	3NFL51-12-P4	23-1/4	28	N512R	13-3/4	P43B0005A1
	1/2		7	1	3NFL52-13-P4		23-1/4	28	N512R	13-3/4	P43B0005A2	SMC-CR0521
	3/4		9	1	3NFL72-12-P4		26-1/4	33	N712R	15-1/2	P43B0007A2	SMC-CR0721
	1		11	1	3NFL102-12-P4		29	36	N1012R	17-1/2	P43B0010A2	SMC-CR1021
	1-1/2		16	1	3NFL152-12-P4		35	43	N1512R	21-1/2	P43B0015A2	SMC-CR1521
20	2-Wire	3/4	6	1	230	2NFL72-20-P4	25-1/2	31	N720R	13-3/4	P42B0007A2	
		1	8	1		2NFL102-20-P4	27-1/2	36	N1020R	15-3/4	P42B0010A2	
		1-1/2	11	1		2NFL152-20-P4	34-1/4	43	N1520R	19	P42B0015A2	
	3-Wire	3/4	6	1		3NFL72-20-P4	25-1/2	31	N720R	13-3/4	P43B0007A2	SMC-CR0721
		1	8	1		3NFL102-20-P4	27-1/2	35	N1020R	15-3/4	P43B0010A2	SMC-CR1021
		1-1/2	11	1		3NFL152-20-P4	32-1/2	41	N1520R	19	P43B0015A2	SMC-CR1521
25	2-Wire	1	7	1	230	2NFL102-25-P4	30	28	N1025R	18	P42B0010A2	
		1-1/2	9	1		2NFL152-25-P4	36	38	N1525R	21	P42B0015A2	
	3-Wire	1	7	1		3NFL102-25-P4	30	38	N1025R	18	P43B0010A2	SMC-CR1021
		1-1/2	9	1		3NFL152-25-P4	36	40	N1525R	21	P43B0015A2	SMC-CR1521

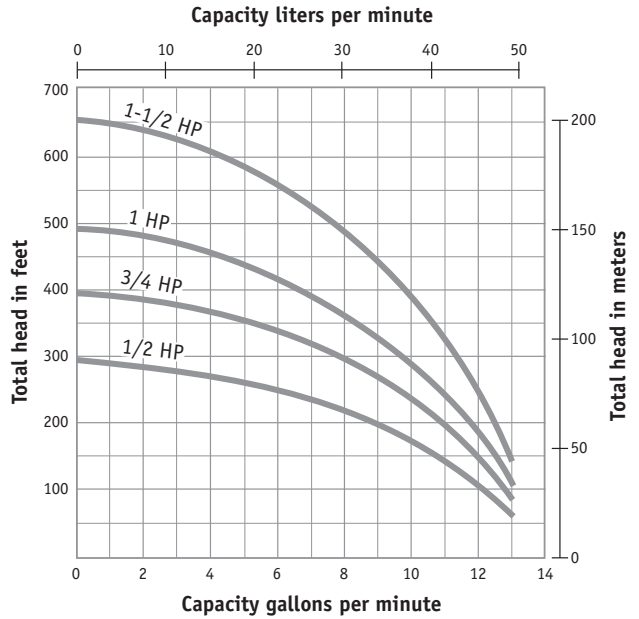
*Length and weight are approximate.

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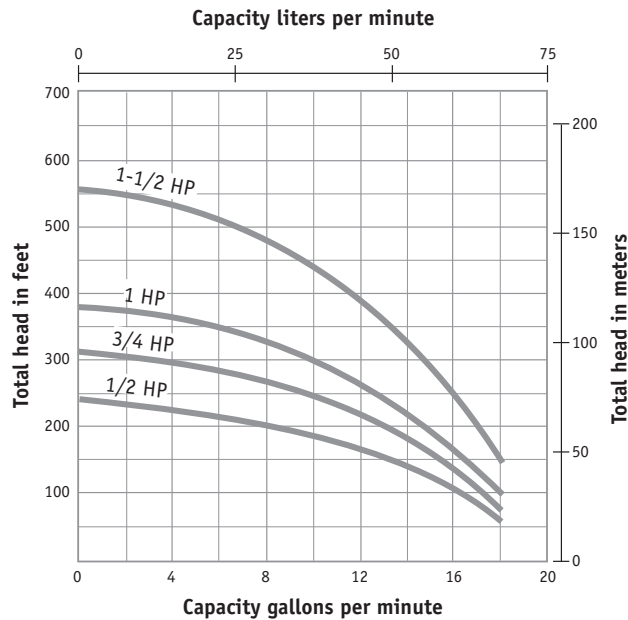
PUMP PERFORMANCE - 5 GPM



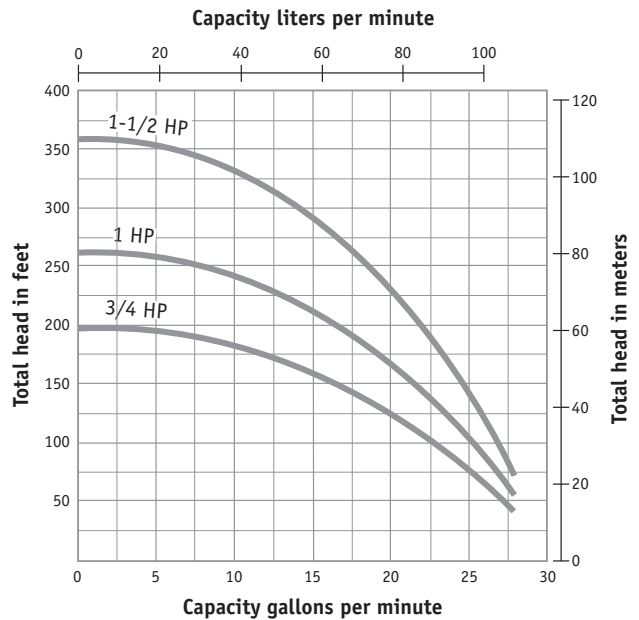
PUMP PERFORMANCE - 8 GPM



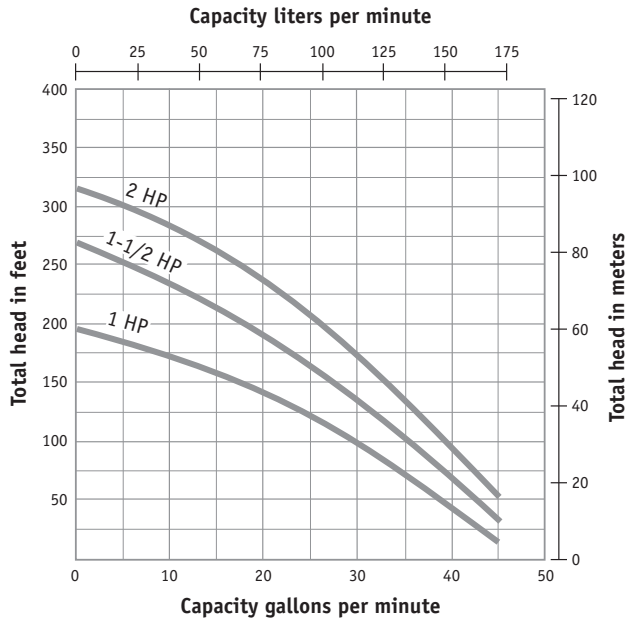
PUMP PERFORMANCE - 12 GPM



PUMP PERFORMANCE - 20 GPM



PUMP PERFORMANCE - 25 GPM



THE RUSTLER™ 4" SUBMERSIBLE PUMPS

PUMP PERFORMANCE

HP	2-Wire Cat. No.	3-Wire Cat. No.	Tank Pres.	Pumping Depth in Feet																
				20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	
5 GALLONS PER MINUTE																				
1/2	2NFL51-5-P4* 2NFL52-5-P4	3NFL51-5-P4* 3NFL52-5-P4	20/40																	
			30/50	8.2	8.2	8.0	7.7	7.4	7.0	6.6	6.2	5.8	5.3	3.7						
			40/60	7.9	7.9	7.6	7.3	6.9	6.5	6.2	5.7	5.2	4.6							
3/4	2NFL72-5-P4	3NFL72-5-P4	20/40					8.1	7.8	7.6	7.4	7.2	6.8	6.1	5.3	4.2				
			30/50				8.0	7.8	7.6	7.4	7.2	6.8	6.6	5.7	4.8	3.5				
			40/60			8.0	7.7	7.6	7.3	7.1	6.7	6.5	6.2	5.3	4.3					
1	2NFL102-5-P4	3NFL102-5-P4	20/40						8.1	7.9	7.7	7.6	7.1	6.5	5.9	5.3	4.4	3.3		
			30/50					8.0	8.0	7.8	7.7	7.6	7.4	6.8	6.3	5.6	4.9	3.9		
			40/60					8.0	7.8	7.7	7.6	7.4	7.2	6.6	6.0	5.3	4.6	3.4		
8 GALLONS PER MINUTE																				
1/2	2NFL51-8-P4* 2NFL52-8-P4	3NFL51-8-P4* 3NFL52-8-P4	20/40																	
			30/50	12.0	12.1	11.6	11.0	10.3	9.5	8.5	7.5	6.0								
			40/60	11.4	10.8	10.1	9.3	8.3	7.1	5.7										
3/4	2NFL72-8-P4	3NFL72-8-P4	20/40					11.6	11.2	10.7	10.2	9.6	9.0	6.8						
			30/50				11.5	11.1	10.6	10.0	9.5	8.8	8.0	5.5						
			40/60								10.0	9.5	8.8	8.0	7.1					
1	2NFL102-8-P4	3NFL102-8-P4	20/40						11.7	11.4	11.0	10.6	9.3	7.9	5.8					
			30/50					11.6	11.3	10.9	10.5	10.0	8.7	7.0	4.7					
			40/60					11.6	11.3	10.9	10.5	10.0	9.5	8.1	6.2					
1-1/2	2NFL152-8-P4	3NFL152-8-P4	20/40								12.0	11.7	11.1	10.4	9.5	8.4	7.2	5.5		
			30/50								12.0	12.0	11.7	11.5	10.7	10.0	9.0	7.7	6.3	
			40/60								12.0	11.7	11.5	11.3	10.5	9.6	8.5	7.3	5.7	
12 GALLONS PER MINUTE																				
1/2	2NFL51-12-P4* 2NFL52-12-P4	3NFL51-12-P4* 3NFL52-12-P4	20/40																	
			30/50			15.0	13.5	12.0	10.3	8.0										
			40/60	14.5	14.5	13.0	11.5	9.8	7.2											
3/4	2NFL72-12-P4	3NFL72-12-P4	20/40					14.7	13.7	12.6	11.2	9.8	8.0							
			30/50			15.5	14.5	13.4	12.2	10.9	9.4	7.5								
			40/60		15.5	14.5	13.4	12.2	10.9	9.4	7.5									
1	2NFL102-12-P4	3NFL102-12-P4	20/40						15.5	14.7	13.7	12.7	11.9	8.7						
			30/50					15.3	14.5	13.5	12.6	11.6	10.5							
			40/60			15.3	14.5	13.5	12.6	11.6	10.5									
1-1/2	2NFL152-12-P4	3NFL152-12-P4	20/40									15.6	14.2	12.6	10.8	8.5				
			30/50								15.4	14.9	13.4	11.7	9.7					
			40/60								15.4	14.9	14.3	12.8	11.0	8.8				

All pumps wired for 230 volt operation.

Values based on 1" minimum diameter pipe.

*These 1/2 HP pumps are available with 115 Volt motors.



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PUMP PERFORMANCE

HP	2-Wire Cat. No.	3-Wire Cat. No.	Tank Pres.	Pumping Depth in Feet									
				20	40	60	80	100	120	140	160	180	200
20 GALLONS PER MINUTE													
3/4	2NFL72-20-P4	3NFL72-20-P4	20/40 30/50 40/60	23.5 21.5 19.5	22.0 19.5 16.0	20.0 16.0	17.0						
1	2NFL102-20-P4	3NFL102-20-P4	20/40 30/50 40/60	24.0 23.0	24.5 23.0 21.5	23.0 21.5 20.0	22.0 20.0 17.5	20.5 17.5 14.5	18.0 14.5	15.5			
1-1/2	2NFL152-20-P4	3NFL152-20-P4	20/40 30/50 40/60		24.5	24.5 23.5	24.5 23.5 22.5	23.5 22.5 21.5	22.5 21.5 20.0	21.5 20.0 18.5	20.5 18.5 16.5	19.0 16.5 14.5	17.0 14.5 12.5
25 GALLONS PER MINUTE													
1	2NFL102-25-P4	3NFL102-25-P4	20/40 30/50 40/60	26.7 21.4	27.7 21.8 15.5	23.5 16.1	17.5						
1-1/2	2NFL152-25-P4	3NFL152-25-P4	20/40 30/50 40/60	30.0	30.0 26.2	30.5 26.6 22.8	27.1 23.1 19.0	24.0 19.1	19.6 15.0	15.3			
2	-	3NFL202-25	20/40 30/50 40/60	38.0	35.5	32.5	39.0 30.5	39.0 31.0 27.0	31.0 28.5 24.0	28.5 25.0 19.5	25.0 21.0 15.0	21.0 15.5	15.5

All pumps wired for 230 volt operation.

Values based on 1" minimum diameter pipe.

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