SUBMITTAL DATA SHEET

24000 Series
4” Stainless Steel 5-25 GPM

L Series - 15 GPM



All L series submersible pumps are designed to pump within the 15 GPM range. Sizes are available from 1/2 to 5 HP. All models are standard with 1 1/4” NPT discharge.

Models Available

Two Wire Single Phase

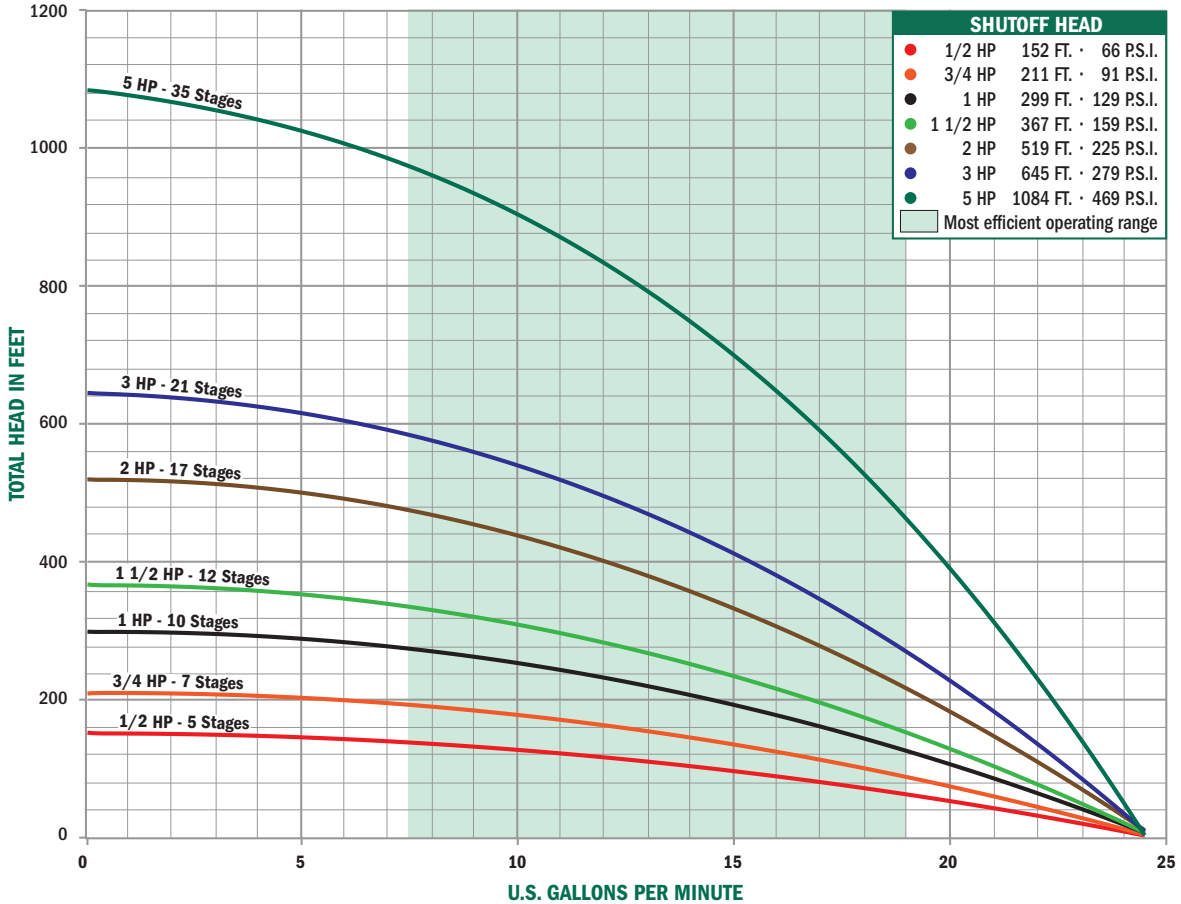
Model No.	HP	Stages	Volt	A	B	C	Wt.
24050L2	1/2	5	230	9.3	9.5	18.8	23.5
24050L2A	1/2	5	115	9.3	9.5	18.8	23.5
24075L2	3/4	7	230	10.7	10.6	21.3	27.2
24100L2	1	10	230	12.8	11.7	24.5	31.1
24150L2	1 1/2	12	230	14.1	15.1	29.2	38.7

Three Wire Single Phase

Model No.	HP	Stages	Volt	A	B	C	Wt.
24050L3	1/2	5	230	9.3	9.5	18.8	24.5
24050L3A	1/2	5	115	9.3	9.5	18.8	24.5
24075L3	3/4	7	230	10.7	10.6	21.3	27.2
24100L3	1	10	230	12.8	11.7	24.5	31.1
24150L3	1 1/2	12	230	14.1	13.6	27.7	35.7
24200L3	2	17	230	17.6	15.1	32.7	42.5
24300L3	3	21	230	20.4	19.0	39.4	52.1
24500L3	5	35	230	31.6	29.2	60.8	88.0

Three Wire Three Phase

Model No.	HP	Stages	Volt	A	B	C	Wt.
24150L3Z	1 1/2	12	230	14.1	11.7	25.8	31.7
24200L3Z	2	17	230	17.6	13.6	31.2	37.5
24300L3Z	3	21	230	20.4	16.0	36.4	46.1
24500L3Z	5	35	230	31.6	23.2	54.8	73.0



NO-LEAD: The weighted average of the wetted surface of this no-lead product contacted by consumable water contains less than one quarter of one percent (0.25%) lead.

A.Y. McDonald Mfg. Co.
P.O. Box 508
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A.Y. McDonald considers the information on this assembly drawing correct when published. Item and option availability, including specifications, are subject to change without notice.

Submitted by:

SUBMITTAL DATA SHEET

24000 Series

4” Stainless Steel 5-25 GPM

L Series - 15 GPM



All L series submersible pumps are designed to pump within the 15 GPM range. Sizes are available from 1/2 to 5 HP. All models are standard with 1 1/4” NPT discharge.

Output - in Gallons Per Minute (Depth to Water)

	PSI	25’	50’	75’	100’	125’	150’
1/2 HP	0	22.7	20.4	17.8	14.6	10.6	3.1
	30	15.4	11.7	5.8			
	50	7.0					

	PSI	25’	50’	75’	100’	125’	150’	175’	200’	225’
3/4 HP	0	23.3	21.7	20.0	18.1	16.0	13.6	10.5	6.0	
	30	18.6	16.5	14.2	11.3	7.3				
	50	14.6	11.8	8.1						
	60	12.0	8.4							

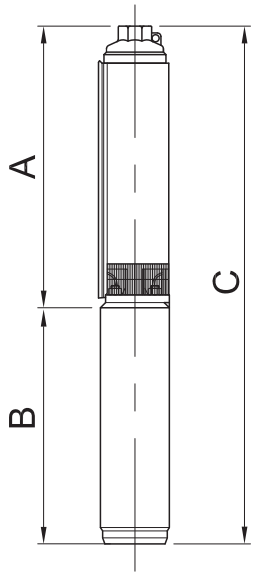
	PSI	25’	50’	75’	100’	125’	150’	175’	200’	225’	250’	275’
1 HP	0	23.8	22.7	21.6	20.4	19.1	17.7	16.2	14.5	12.6	10.4	7.4
	30	20.6	19.4	18.0	6.6	14.9	13.1	10.9	8.2	3.6		
	50	18.2	16.8	15.2	13.4	11.3	8.7	4.7				
	60	16.9	15.3	13.5	11.5	8.9	5.1					

	PSI	25’	50’	75’	100’	125’	150’	175’	200’	225’	250’	275’	300’	325’	350’
1½ HP	0	23.9	23.1	22.1	21.2	20.2	19.1	18.0	16.8	15.5	14.1	12.6	10.8	8.6	5.6
	30	21.4	20.4	19.4	18.3	17.1	15.8	14.5	12.9	11.2	9.1	6.4			
	50	19.5	18.4	17.3	16.0	14.7	13.2	11.5	9.5	6.9					
	60	18.5	17.4	16.1	14.8	13.3	11.6	9.6	7.1						

	PSI	50’	100’	150’	200’	250’	300’	350’	400’	450’	500’
2 HP	0	23.6	22.3	21.0	19.5	17.9	16.2	14.3	12.1	9.3	5.1
	30	21.8	20.4	18.9	17.3	15.5	13.5	11.1	7.9		
	50	20.5	19.0	17.4	15.7	13.7	11.3	8.2			
	60	19.8	18.3	16.6	14.8	12.6	10.0	6.3			

	PSI	50’	100’	150’	200’	250’	300’	350’	400’	450’	500’	550’	600’
3 HP	0	23.8	22.8	21.7	20.6	19.5	18.2	16.9	15.4	13.7	11.8	9.5	6.4
	30	22.4	21.3	20.2	19.0	17.7	16.3	14.8	13.0	11.0	8.4	4.7	
	50	21.4	20.3	19.1	17.8	16.4	14.9	13.2	11.1	8.6	5.0		
	60	20.9	19.8	18.5	17.2	15.7	14.1	12.3	10.1	7.2	2.0		

	PSI	50’	100’	150’	200’	250’	300’	350’	400’	450’	500’	550’	600’	650’	700’	750’	800’	850’	900’	950’	1000’
5 HP	0	24.0	23.5	23.0	22.4	21.8	21.2	20.5	19.9	19.2	18.4	17.6	16.8	15.9	15.0	14.0	12.8	11.5	10.1	8.4	6.3
	30	23.3	22.7	22.2	21.6	20.9	20.3	19.6	18.9	18.1	17.3	16.5	15.6	14.6	13.5	12.3	11.0	9.5	7.7	5.3	
	50	22.8	22.2	21.6	21.0	20.3	19.7	18.9	18.2	17.4	16.6	15.6	14.7	13.6	12.4	11.1	9.6	7.8	5.5		
	60	22.5	21.9	21.3	20.7	20.0	19.3	18.6	17.8	17.0	16.1	15.2	14.2	13.1	11.9	10.5	8.8	6.8			



FRICTION LOSSES IN RISER PIPE HAVE NOT BEEN CALCULATED

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