SUBMITTAL DATA SHEET

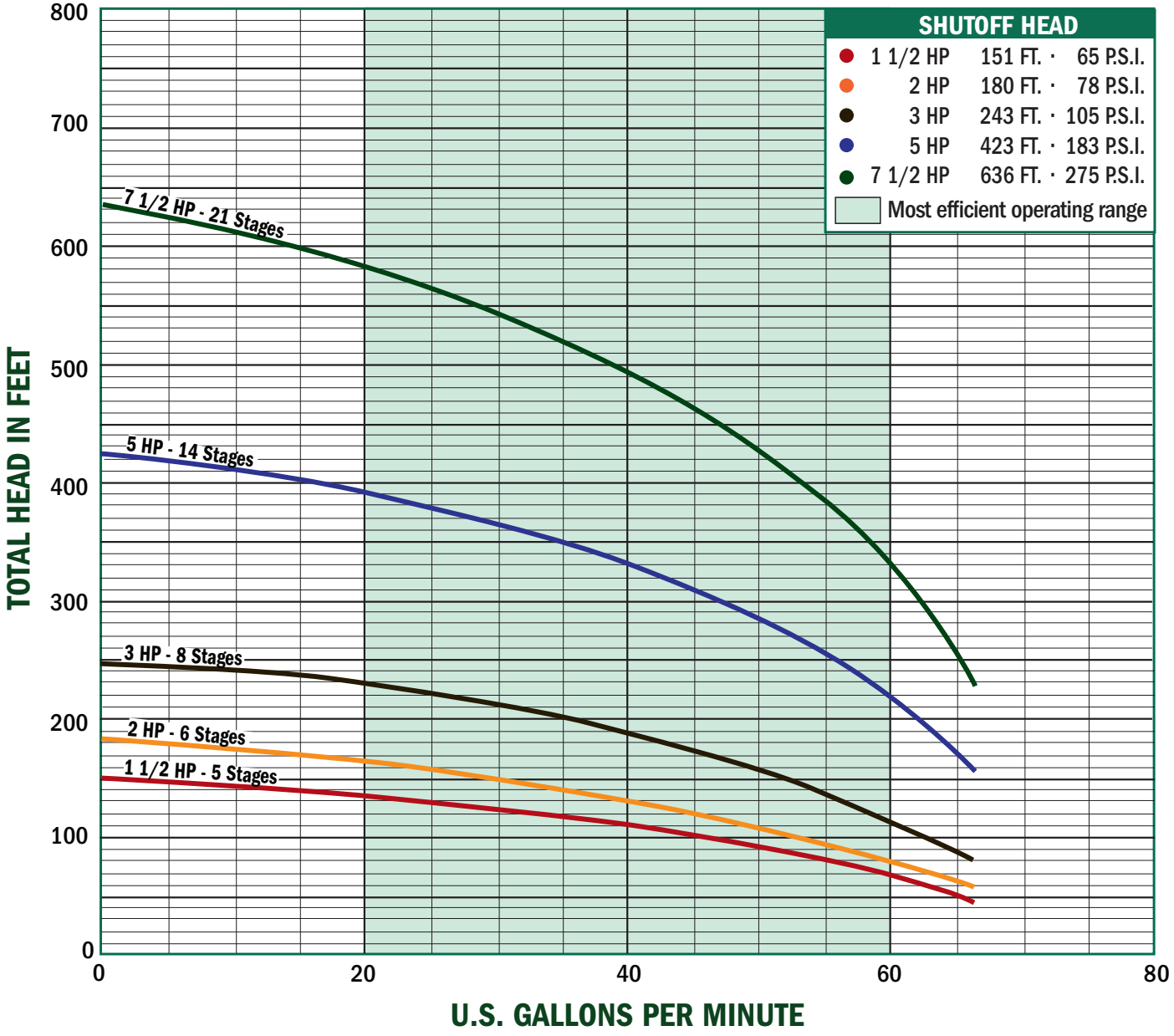
24000 Series

High FLow 4” Stainless Steel 35-80 GPM

G Series - 40 GPM



All G series submersible pumps are designed to pump within the 40 GPM range. Sizes are available from 1 1/2 to 7 1/2 HP. All models are standard with 2” NPT discharge.



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.
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Dubuque, IA 52004-0508

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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:

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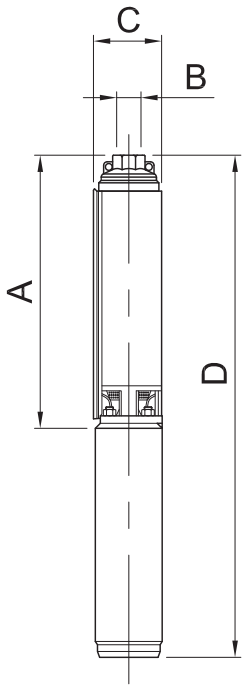

Models Available

Two Wire Single Phase

Model No.	HP	Stages	Volt	A	B	C	D	Wt.
24150G2	1 1/2	5	230	12.8”	2”	3.9”	28.7”	37

Three Wire Single Phase

Model No.	HP	Stages	Volt	A	B	C	D	Wt.
24150G3	1 1/2	5	230	12.8”	2”	3.9”	28.7”	48
24200G3	2	6	230	14.0”	2”	3.9”	31.3”	51
24300G3	3	8	230	16.5”	2”	3.9”	35.9”	73
24500G3	5	14	230	23.8”	2”	3.9”	50.7”	99

Three Wire Three Phase

Model No.	HP	Stages	Volt	A	B	C	D	Wt.
24150G3Z	1 1/2	5	230	12.8”	2”	3.9”	27.8”	47
24150G3Y	1 1/2	5	460	12.8”	2”	3.9”	27.8”	40
24200G3Z	2	6	230	14.0”	2”	3.9”	30.0”	47
24200G3Y	2	6	460	14.0”	2”	3.9”	30.0”	46
24300G3Z	3	8	230	16.5”	2”	3.9”	33.8”	60
24300G3Y	3	8	460	16.5”	2”	3.9”	33.8”	51
24500G3Z	5	14	230	23.8”	2”	3.9”	50.7”	75
24500G3Y	5	14	460	23.8”	2”	3.9”	50.7”	71
24750G3Z	7 1/2	21	230	33.8”	2”	3.9”	60.7”	93
24750G3Y	7 1/2	21	460	33.8”	2”	3.9”	60.7”	93

Output - in Gallons Per Minute (Depth to Water)

	PSI	20’	30’	40’	50’	60’	70’	80’	90’	100’	120’	140’	160’
1½ HP	0					63	57	54	50	45	40	31	22
	30			40	31	22	12						
	50	17	12										

	PSI	30’	40’	50’	60’	70’	80’	90’	100’	120’	140’	160’
2 HP	0					63	58	56	53	43	34	22
	30			44	38	34	28	22	12			
	50	32	27	17.5	12							

	PSI	30’	40’	50’	60’	70’	80’	90’	100’	120’	140’	160’
3 HP	0					63	58	56	53	43	34	22
	30			44	38	34	28	22	12			
	50	32	27	17.5	12							

FRICTION LOSSES IN RISER PIPE HAVE NOT BEEN CALCULATED

	PSI	100’	120’	160’	180’	200’	220’	240’	260’	280’	300’	320’	340’	360’	380’	400’
5 HP	0					63	58	56	53	50	46	42	37	32	23	16
	30			57	56	52	48	44	40	34	27	18				
	50	60	57	51	47	43	38	33	26	22						

	PSI	220’	240’	260’	280’	300’	320’	340’	360’	380’	400’	420’	440’	460’	500’	540’
7½ HP	0					63	61	58	57	55	53	51	48	45	38	30
	30			59	58	57	53	52	48	46	43	40	37	32	22	
	50	61	57	56	53	52	48	44	42	38	35	31	23			

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