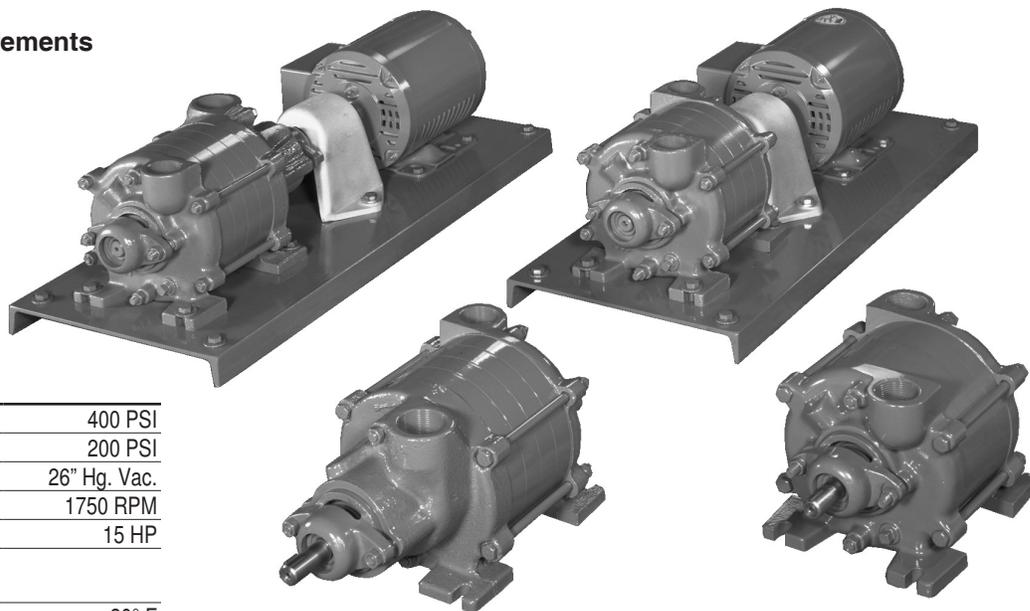


MTH PUMPS

140 • 240 • 180 • 280 Series

- Capacities to 60 GPM
- Heads to 800 Feet
- Low NPSH Requirements
- Flex Coupled

**LIMITATIONS**

Discharge Pressure	400 PSI
Seal Pressure*	200 PSI
Suction Pressure (Min.)	26" Hg. Vac.
Speed	1750 RPM
Horsepower	15 HP

Temperature

Standard Construction	-20° F
Ceramic Seal Seat - Water	+230° F
Ni-Resist Seal Seat - Water	+230° F
Silicon Carbide Seal Seat & External Seal Flush	+250° F

* Suction Pressure Plus a Percentage of Differential Pressure

LOW NPSH**200 Series Inducer**

The 200 Series inducer style pumps are ideally suited to applications where available NPSH at the pump inlet is limited, such as boiler feed water deaerator service. A centrifugal Francis vane impeller with low NPSH characteristics is utilized as the pump's first stage impeller, accounting for the lower inlet head requirement.

This first stage impeller is used in conjunction with a multi-vane diffuser to provide the NPSH required by the second stage regenerative turbine.

Available NPSH as low as two feet can be effectively handled with 240 • 280 Series pumps, depending on the pump model and capacity.



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Cold Water Selection Chart

U.S. GALLONS PER MINUTE (Liters per Minute)

HEAD IN FEET (Meters)	4	5	6	8	10	12	15	20	25	30	40	50
	(15.14) Model HP	(18.93) Model HP	(22.71) Model HP	(30.28) Model HP	(37.85) Model HP	(45.42) Model HP	(56.78) Model HP	(75.71) Model HP	(94.64) Model HP	(113.56) Model HP	(151.42) Model HP	(189.27) Model HP
25 (7.62)	*	*	*	141D .5	141E .5	141F .5	141G .5	141H .75	141I .75	141IA 1	181M 1.5	181P 1.5
50 (15.24)	*	*	141D .5	141E .5	141F .5	141G .5	141H .75	141I 1	181K 1	181M 1.5	181P 1.5	181R 2
75 (22.86)	*	*	141D .5	141E .5	141F .75	142F .75	141H 1	141I 1	141IA 1.5	181M 2	181R 3	182R 5
100 (30.48)	*	141D .5	141E .5	141F .75	142F .75	141H 1	141I 1	141IA 1.5	182K 2	181P 2	182P 3	183R 5
125 (38.1)	141D .75	141E .75	141E .75	141G 1	142F 1	142G 1.5	142H 1.5	142I 2	182K 2	182M 3	182P 3	183R 5
150 (45.72)	141E .75	141E .75	142D 1	143E 1	142G 1.5	143G 1.5	142H 2	143I 3	142IA 3	182M 5	182R 5	184R 7.5
175 (53.34)	141E 1	142D 1	142E 1	142F 1.5	142G 1.5	142H 2	142I 2	182K 3	143IA 3	182P 5	183P 5	**
200 (60.96)	141E 1	142D 1	142E 1	142F 1.5	143F 1.5	142H 2	142I 3	142IA 3	183K 3	183M 5	183R 7.5	**
225 (68.58)	142D 1.5	143D 1.5	142E 1.5	142F 1.5	143G 2	143H 3	142I 3	142IA 3	143IA 5	183P 5	184P 7.5	**
250 (67.2)	142D 1.5	143D 1.5	142E 1.5	143F 2	143G 2	143H 3	143I 3	143IA 5	144IA 5	183P 5	184R 10	**
300 (91.44)	143D 1.5	142E 1.5	143E 1.5	143F 2	143H 3	142I 3	143I 5	143IA 5	183P 7.5	184P 7.5	**	**
350 (106.68)	144D 2	144D 2	143E 2	144F 3	144H 5	144H 5	143I 5	144IA 5	184M 7.5	184P 7.5	**	**
400 (121.92)	144D 2	143E 2	144E 2	144G 3	144H 5	143I 5	144I 5	144IA 5	184P 7.5	**	**	**
450 (137.16)	144D 2	143E 2	144E 2	144G 3	143I 5	144I 5	183K 7.5	184P 10	184R 15	**	**	**
500 (152.4)	144D 3	144E 3	144F 3	143I 5	143I 7.5	144I 7.5	144IA 7.5	**	**	**	**	**
550 (167.64)	143E 3	144E 3	143I 5	143I 5	144I 7.5	144IA 7.5	**	**	**	**	**	**
600 (182.88)	144E 3	144G 5	143I 7.5	144I 7.5	144I 7.5	144IA 7.5	**	**	**	**	**	**
650 (198.12)	144E 3	**	**	**	**	**	**	**	**	**	**	**
700 (213.36)	144E 3	**	**	**	**	**	**	**	**	**	**	**

140 • 240 SERIES PUMPS

NOTES

Selections based on cold water flooded suction 1.0 S.G. Open Drip Proof Motor. Consult individual pump curve for final selection.
 *Refer to T31 • T41 • T51 Series Curves
 **Refer to 150 • 250 • 160 • 260 • 170 • 270 Series Selection chart



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Boiler Feed Selection Chart

BOILER PRESSURE IN PSI

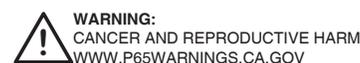
Boiler HP (KW)	Evap Rate GPM (LPM)	Pump GPM (LPM)	15		50		100		125		150		200		250	
			Model	HP	Model	HP	Model	HP	Model	HP	Model	HP	Model	HP	Model	HP
15 (11.2)	1.0 (3.8)	3.1 (11.7)	141D	.3	141D	.75	142E	1.0	142E	1.5	142F	1.5	143E	2.0	144E	3.0
20 (14.9)	1.4 (5.9)	4.1 (15.5)	141D	.3	141D	.75	142E	1.0	142E	1.5	142F	1.5	143E	2.0	144E	3.0
25 (18.6)	1.7 (6.4)	4.4 (16.7)	141D	.3	141D	.75	142E	1.0	142E	1.5	143E	1.5	143E	2.0	144E	3.0
30 (22.4)	2.1 (7.9)	5.0 (18.9)	141D	.3	141D	.75	142E	1.0	142E	1.5	143E	1.5	143E	2.0	144E	3.0
40 (29.8)	2.8 (10.6)	5.6 (21.2)	141D	.3	141E	.75	142F	1.5	142G	2.0	143E	1.5	144F	3.0	144I	7.5
50 (37.3)	3.5 (13.2)	7.0 (26.5)	141D	.3	141F	.75	142F	1.5	143F	2.0	143F	2.0	144I	5.0	144I	7.5
60 (44.7)	4.2 (15.9)	8.3 (31.4)	141E	.3	141F	.75	142G	2.0	143G	2.0	143G	5.0	144I	5.0	144I	7.5
70 (52.2)	4.8 (18.2)	9.6 (36.3)	141F	.5	141I	1.5	142I	3.0	143I	3.0	143I	5.0	144I	5.0	144I	7.5
80 (59.7)	5.5 (21.8)	11.0 (41.6)	141F	.5	141I	1.5	142I	3.0	143I	3.0	143I	5.0	144I	5.0	144I	7.5
100 (74.6)	6.9 (26.1)	14.0 (53)	141G	.5	141I	1.5	142IA	3.0	143I	3.0	143IA	5.0	144I	5.0	152I	10.0
125 (93.2)	8.6 (32.6)	17.5 (64.4)	141I	.75	141IA	1.5	142IA	3.0	143I	3.0	143IA	5.0	144IA	7.5	152I	10.0
150 (112)	10.7 (40.5)	21.0 (79.5)	141I	.75	141IA	1.5	151I	5.0	143IA	5.0	144IA	5.0	152I	7.5	153I	10.0
200 (149)	13.8 (52.2)	28.0 (106)	141IA	1.0	182K	2.0	151K	5.0	152K	7.5	162D	7.5	162D	10.0	163D	15.0
250 (186)	17.3 (65.5)	33.0 (125)	181M	1.5	151K	3.0	152K	5.0	152K	7.5	162D	7.5	162G	10.0	153L	15.0
300 (224)	20.7 (78.4)	38.0 (144)	181M	1.5	151K	3.0	152K	5.0	152K	7.5	152L	10.0	162G	15.0	153L	15.0
350 (261)	24.2 (91.6)	43.0 (163)	181P	1.5	151L	5.0	152L	7.5	152L	10.0	152L	10.0	162G	15.	153L	15.0
400 (298)	27.6 (104)	48.0 (182)	181R	2.0	151L	5.0	162L	7.5	152L	10.0	162G	15.0	162G	15.0	163G	20.0
500 (373)	34.5 (131)	57.0 (216)	151L	3.0	161G	5.0	162G	10.0	162G	10.0	163G	15.0	164G	20.0	173H	25.0
600 (447)	41.5 (157)	71.0 (269)	161G	3.0	161G	5.0	172H	15.0	172H	15.0	172J	20.0	173H	20.0	173K	30.0
700 (522)	43.5 (165)	77.0 (291)	161G	3.0	171K	7.5	172K	15.0	172K	15.0	173K	20.0	174H	20.0	174J	30.0

NOTES

Selections are for water at 200°F (Maximum) with above 3 feet NPSHA (Net Positive Suction Head Available) over NPSHR (Net Positive Suction Head Required).
 All pumps are selected for intermittent (on-off) operation and with ODP (Open Drip Proof) motors operating at 1750RPM.
 This selection is for reference only. Refer to the technical data of the specific model number to ascertain the suitability of the model in your application, or call the factory.
 140 Model pump information is available in our Bulletin 140.



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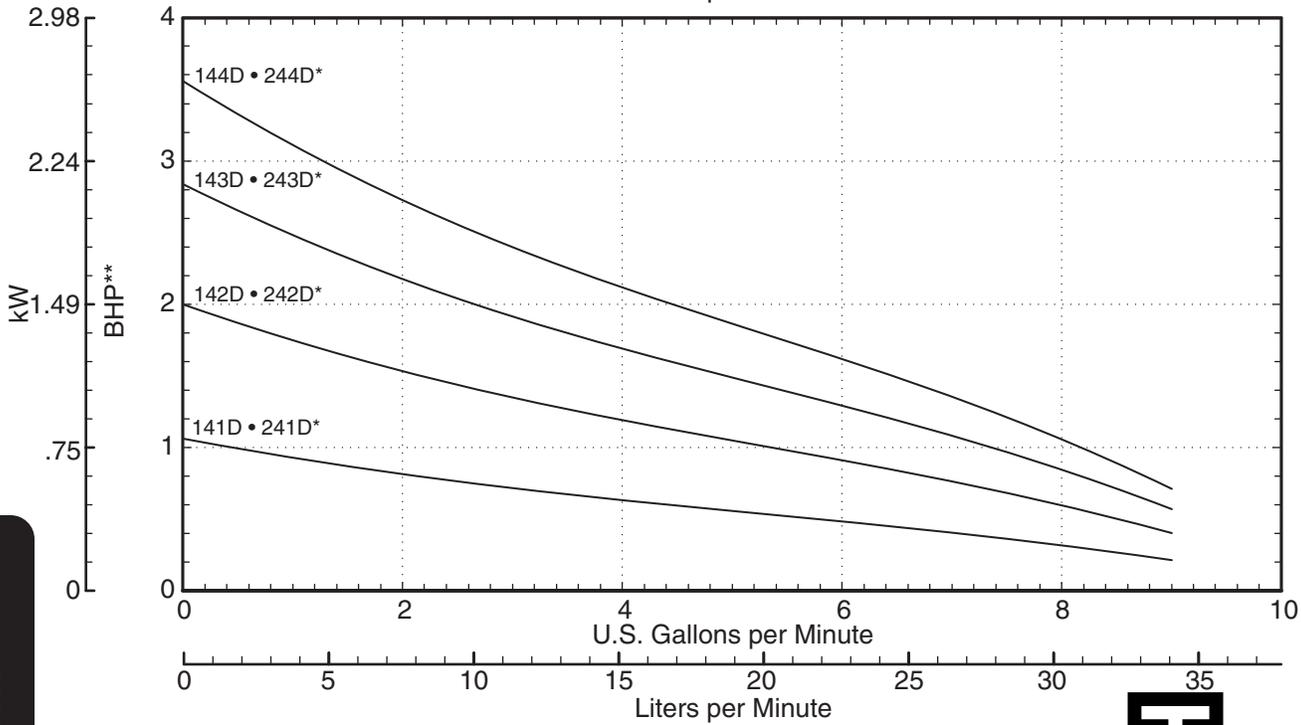
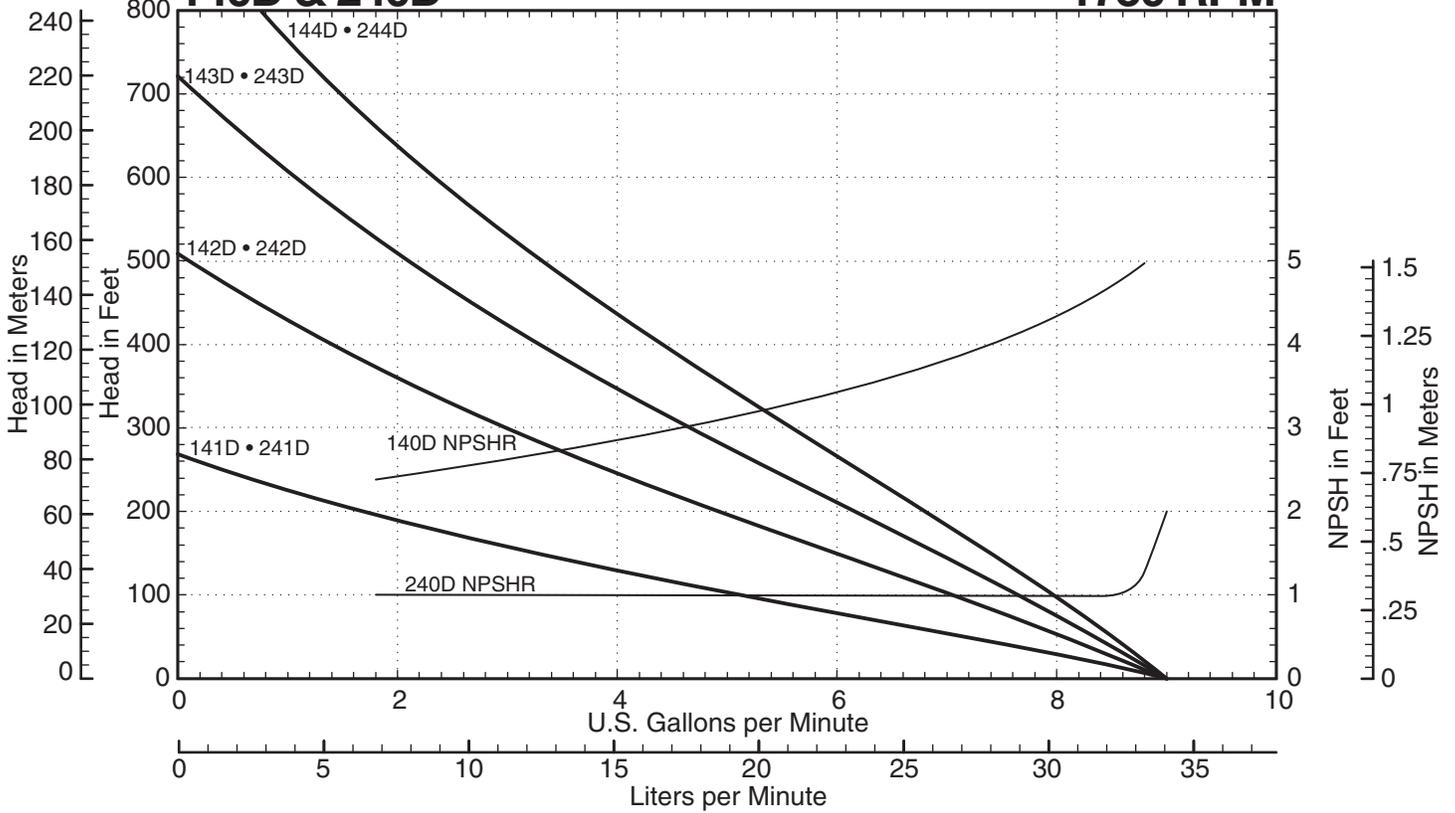


140 • 240 SERIES PUMPS

140 • 240 • 180 • 280 SERIES

Performance Curves 140D & 240D*

1750 RPM



140 • 240 SERIES PUMPS

NOTES

Consult factory for operation below 1.5 GPM
 *Add 1/2 horsepower for 240 Series models
 **Horsepower data is valid for 1.0 specific gravity fluids only



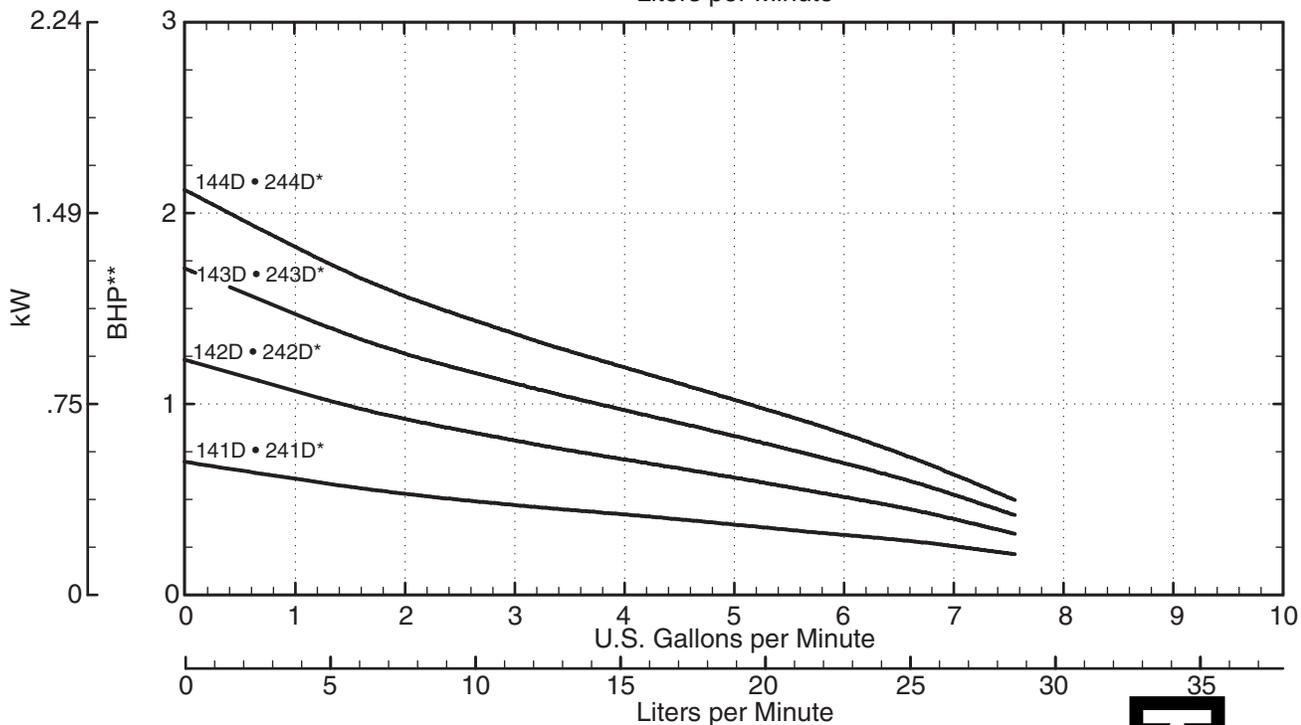
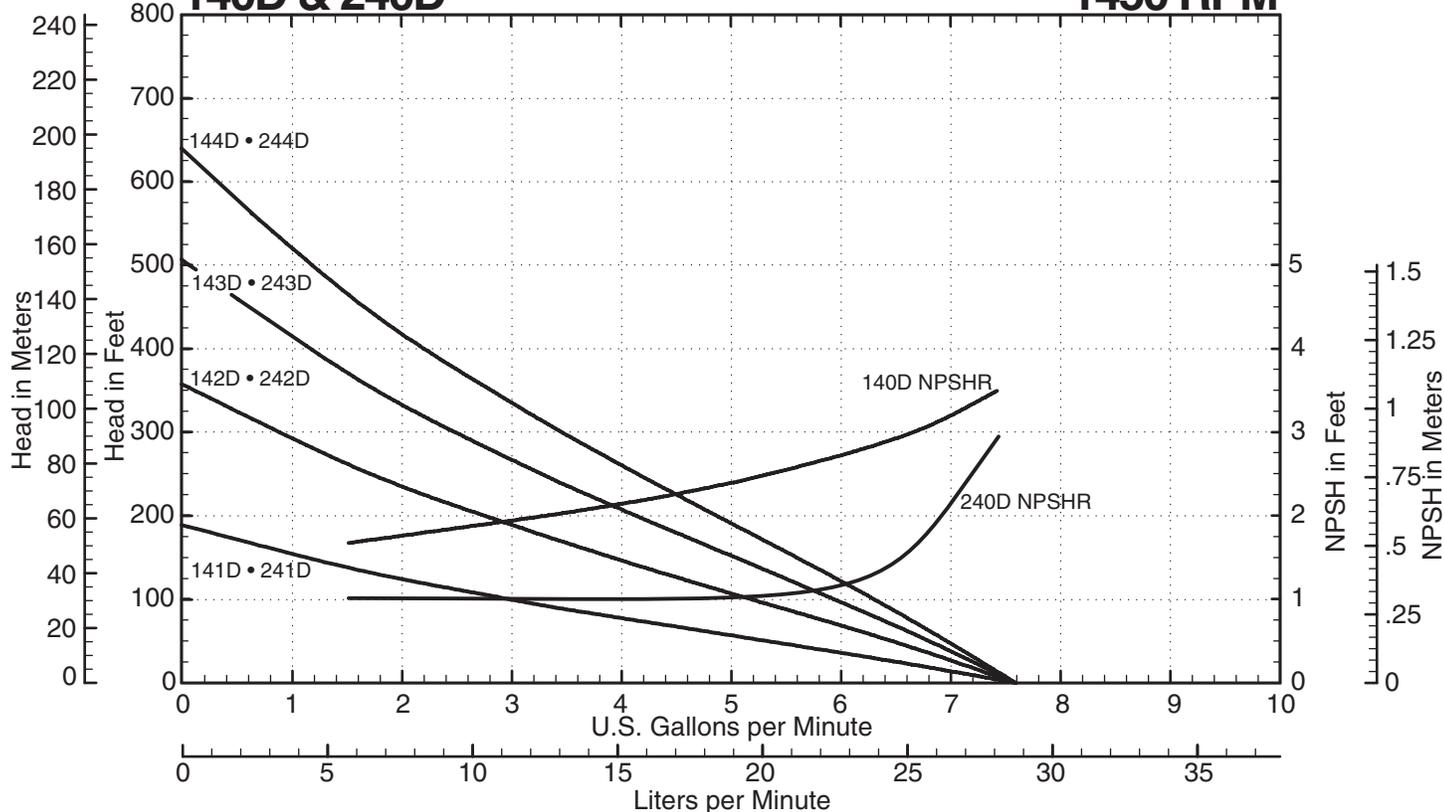
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Performance Curves 140D & 240D*

1450 RPM

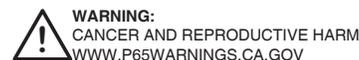


NOTES

Consult factory for operation below 1.5 GPM
 *Add 1/2 horsepower for 240 Series models
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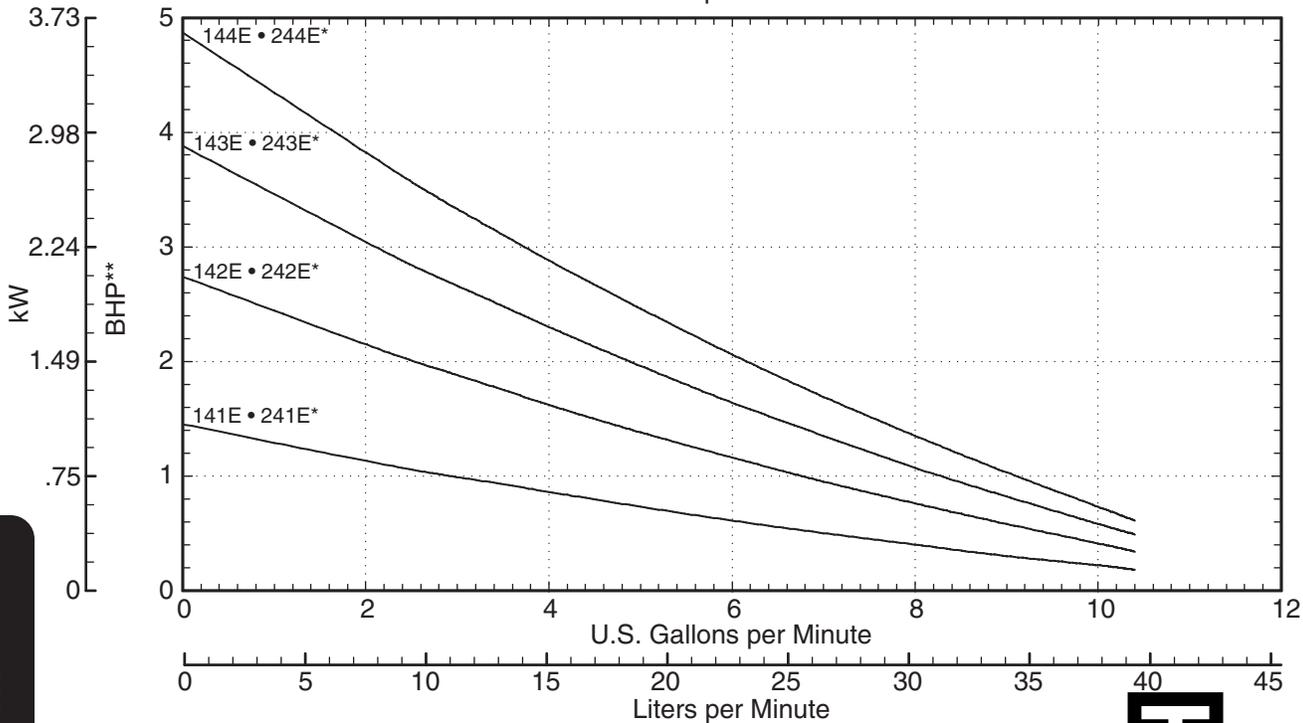
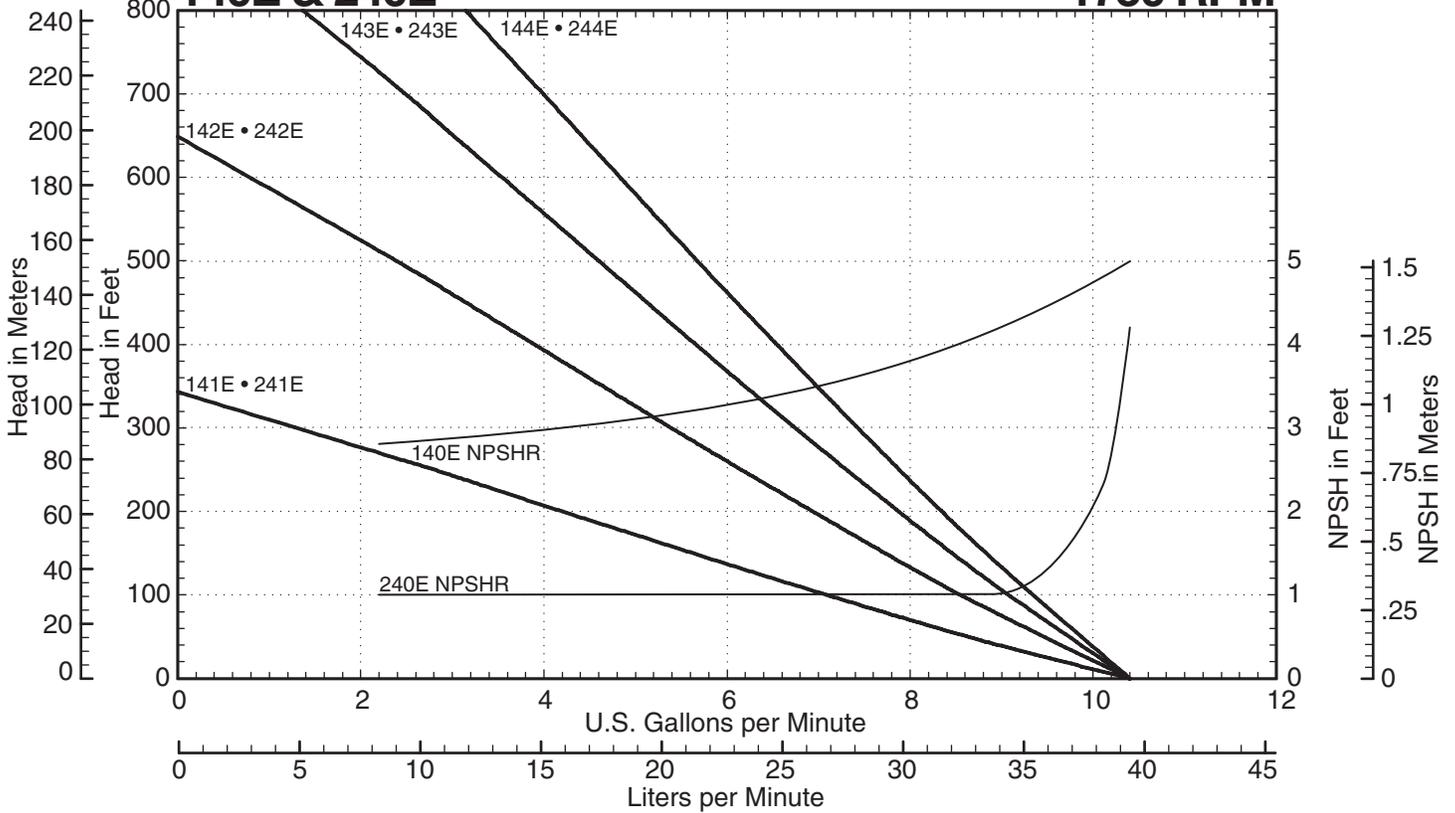
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Performance Curves

140E & 240E*

1750 RPM



140 • 240 SERIES PUMPS

NOTES

- Consult factory for operation below 1.5 GPM
- *Add 1/2 horsepower for 240 Series models
- **Horsepower data is valid for 1.0 specific gravity fluids only



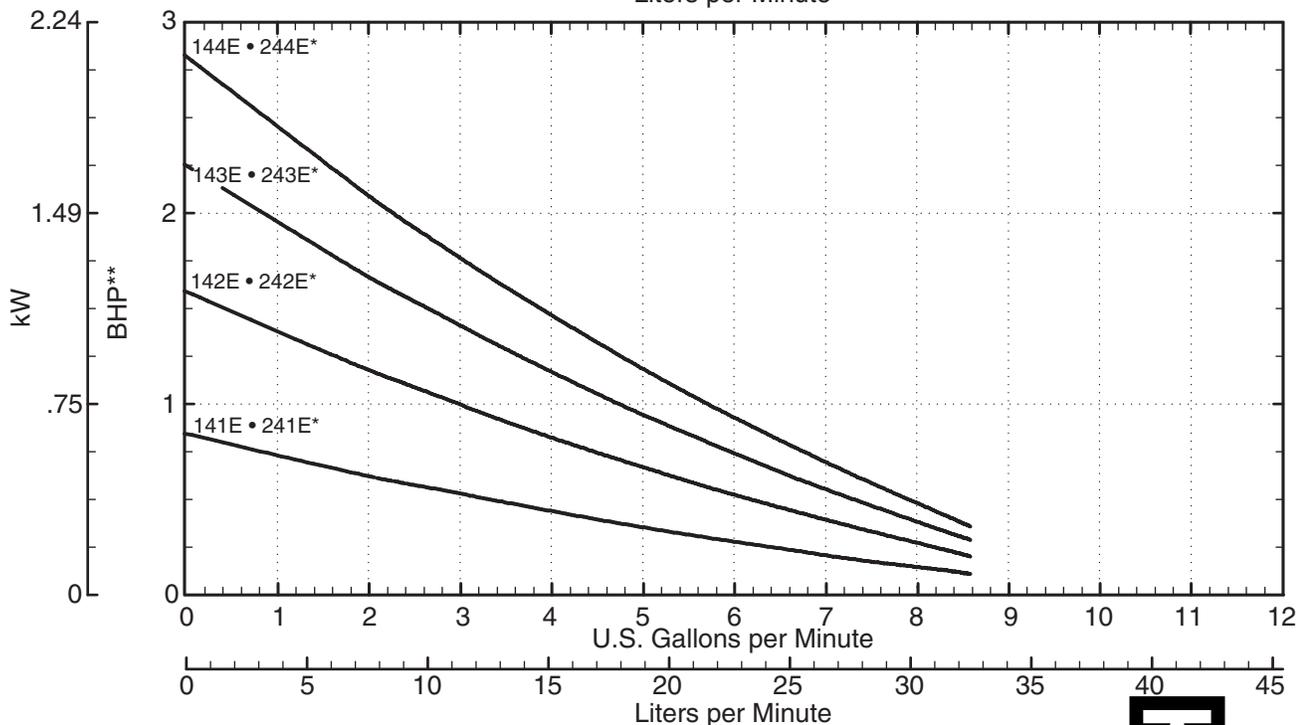
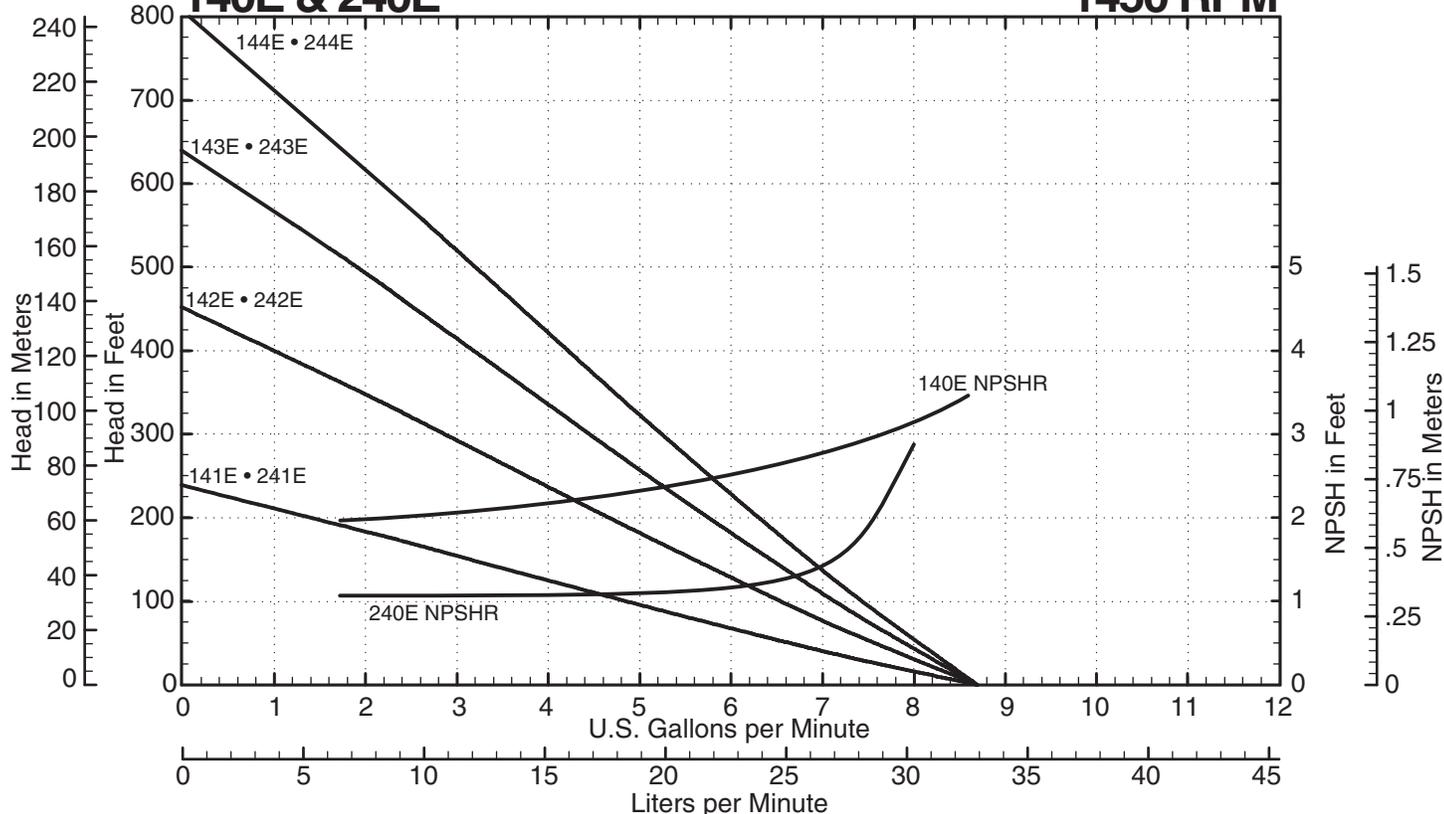
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Performance Curves 140E & 240E*

1450 RPM

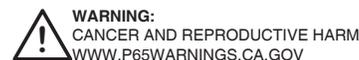


NOTES

Consult factory for operation below 1.5 GPM
 *Add 1/2 horsepower for 240 Series models
 **Horsepower data is valid for 1.0 specific gravity fluids only



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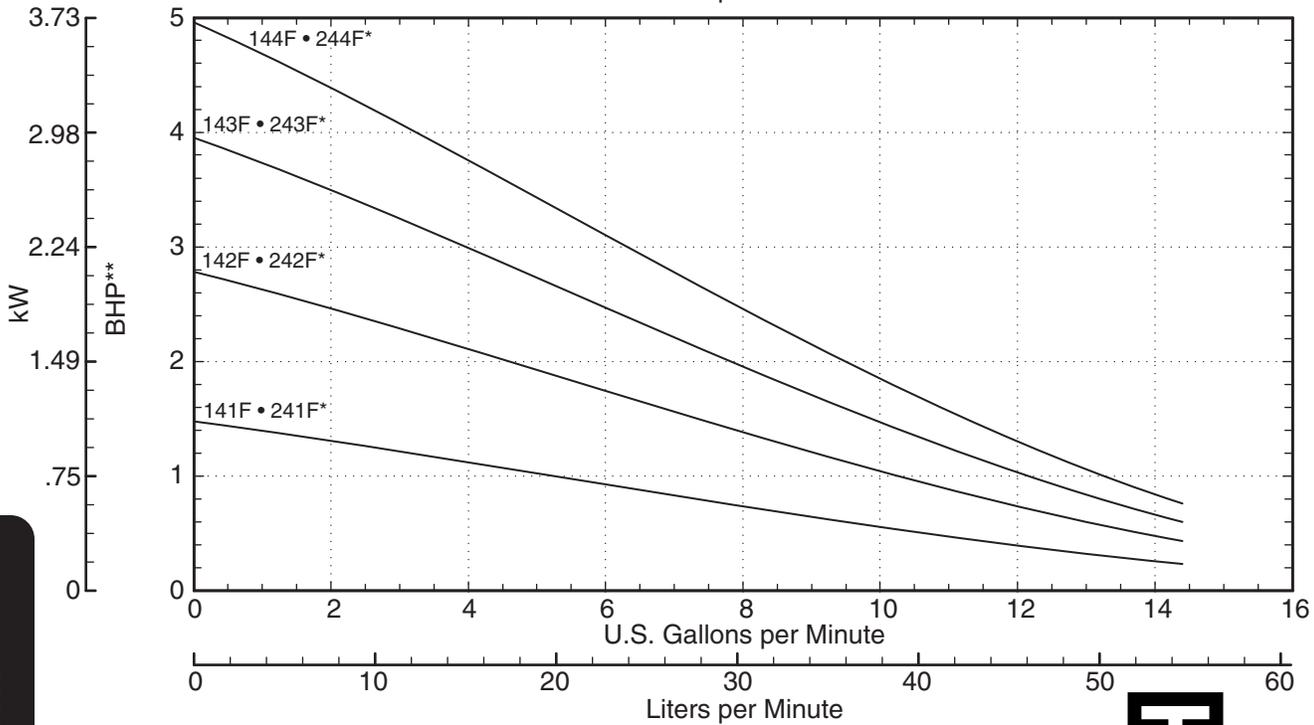
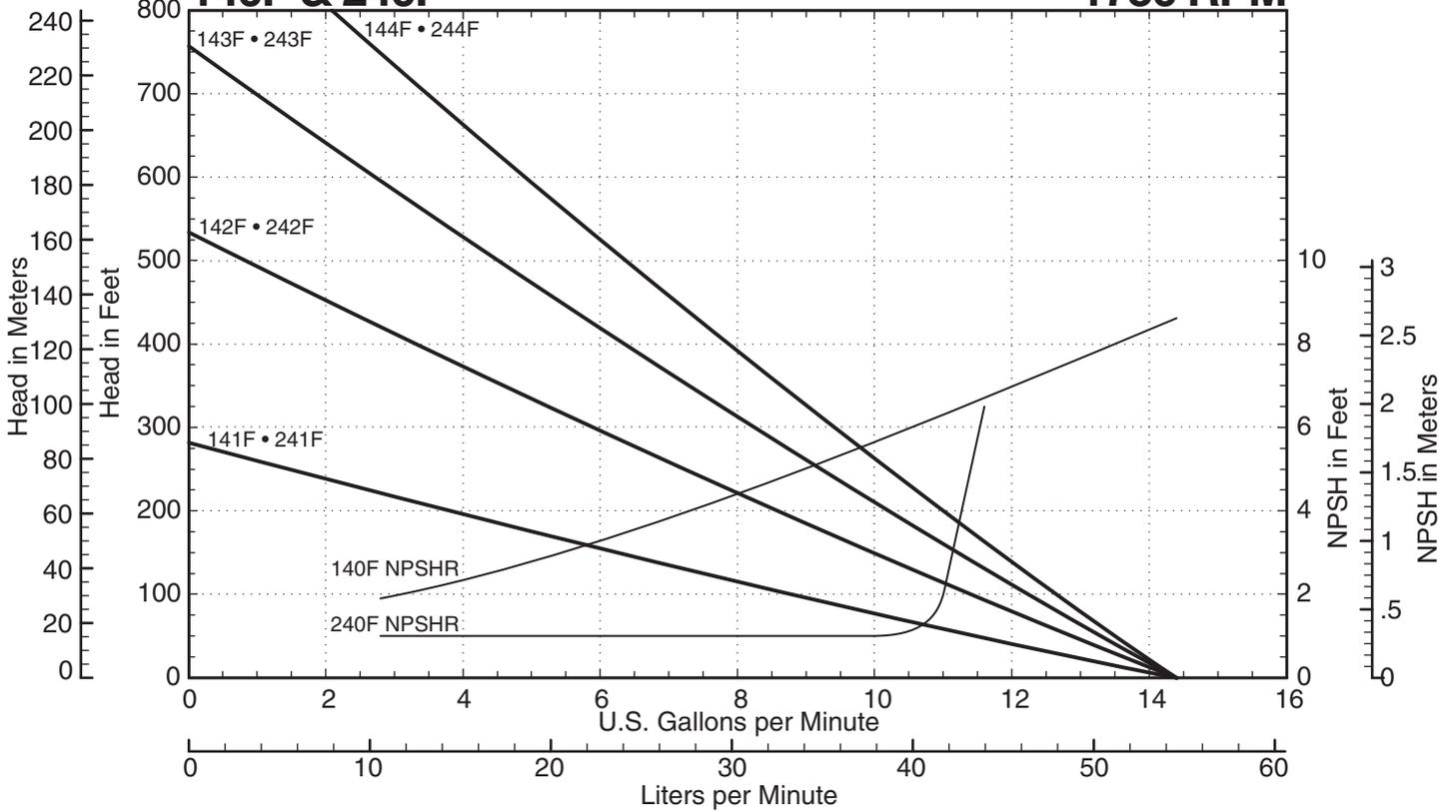


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Performance Curves

140F & 240F*

1750 RPM



140 • 240 SERIES PUMPS

NOTES

- Consult factory for operation below 2 GPM
- *Add 1/2 horsepower for 240 Series models
- **Horsepower data is valid for 1.0 specific gravity fluids only



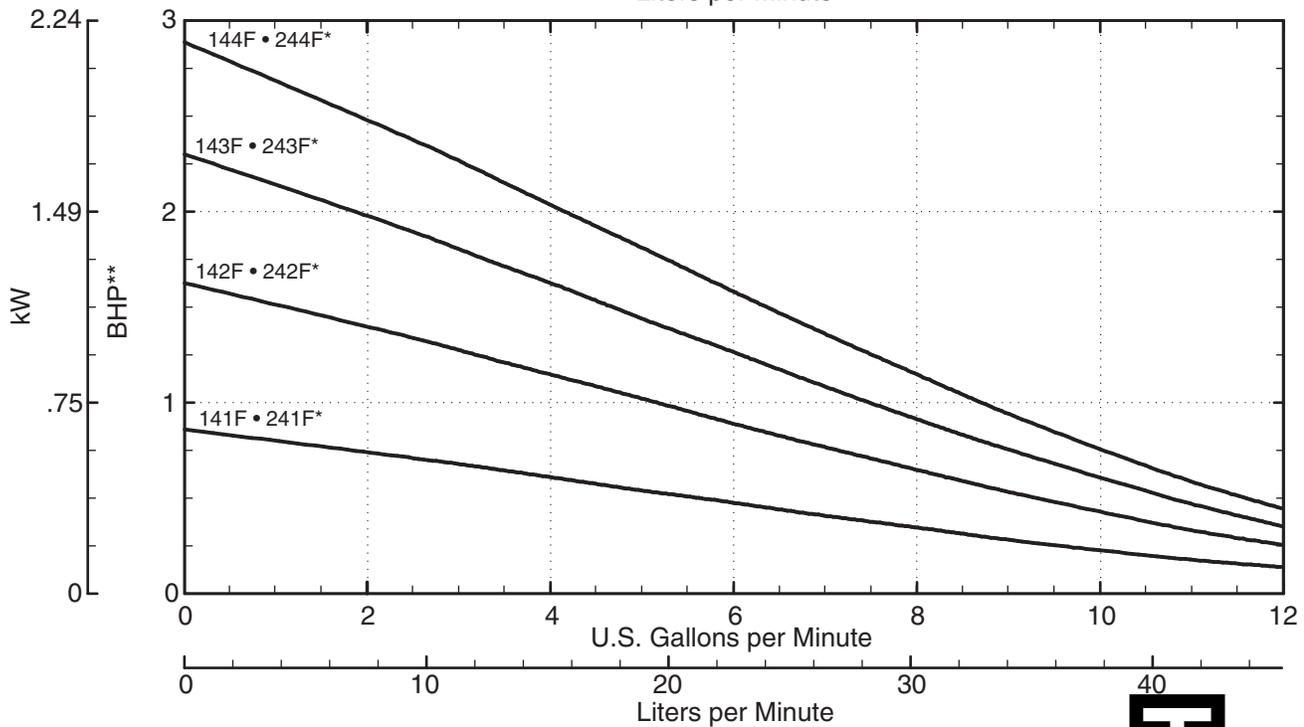
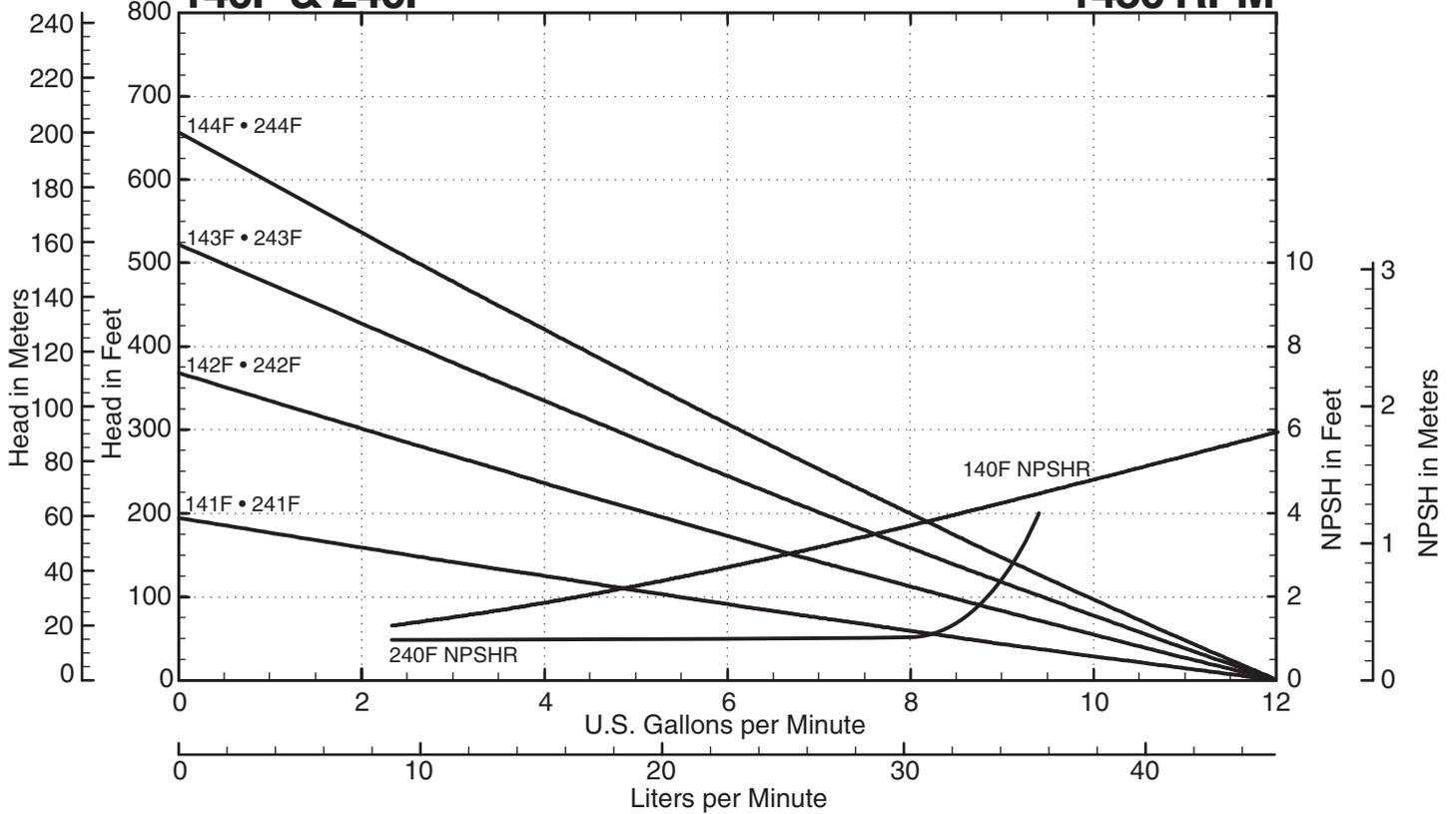
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NOTES

Consult factory for operation below 2 GPM
 *Add 1/2 horsepower for 240 Series models
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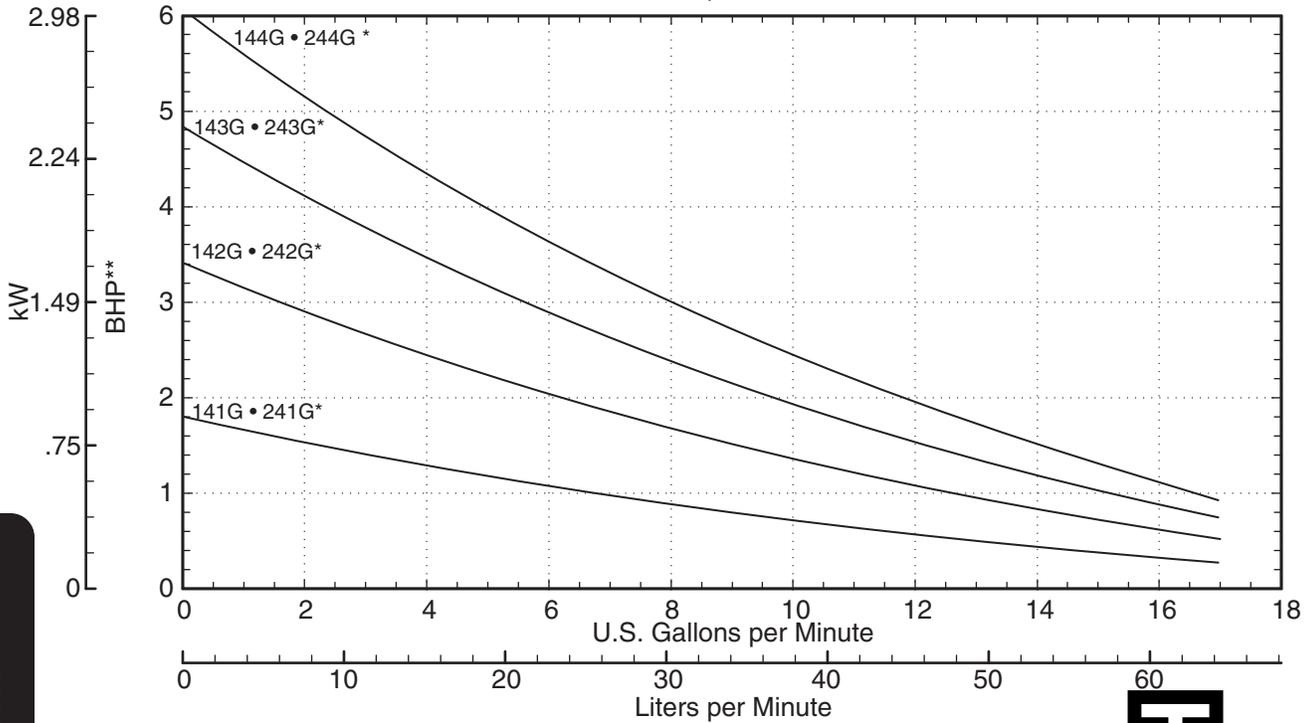
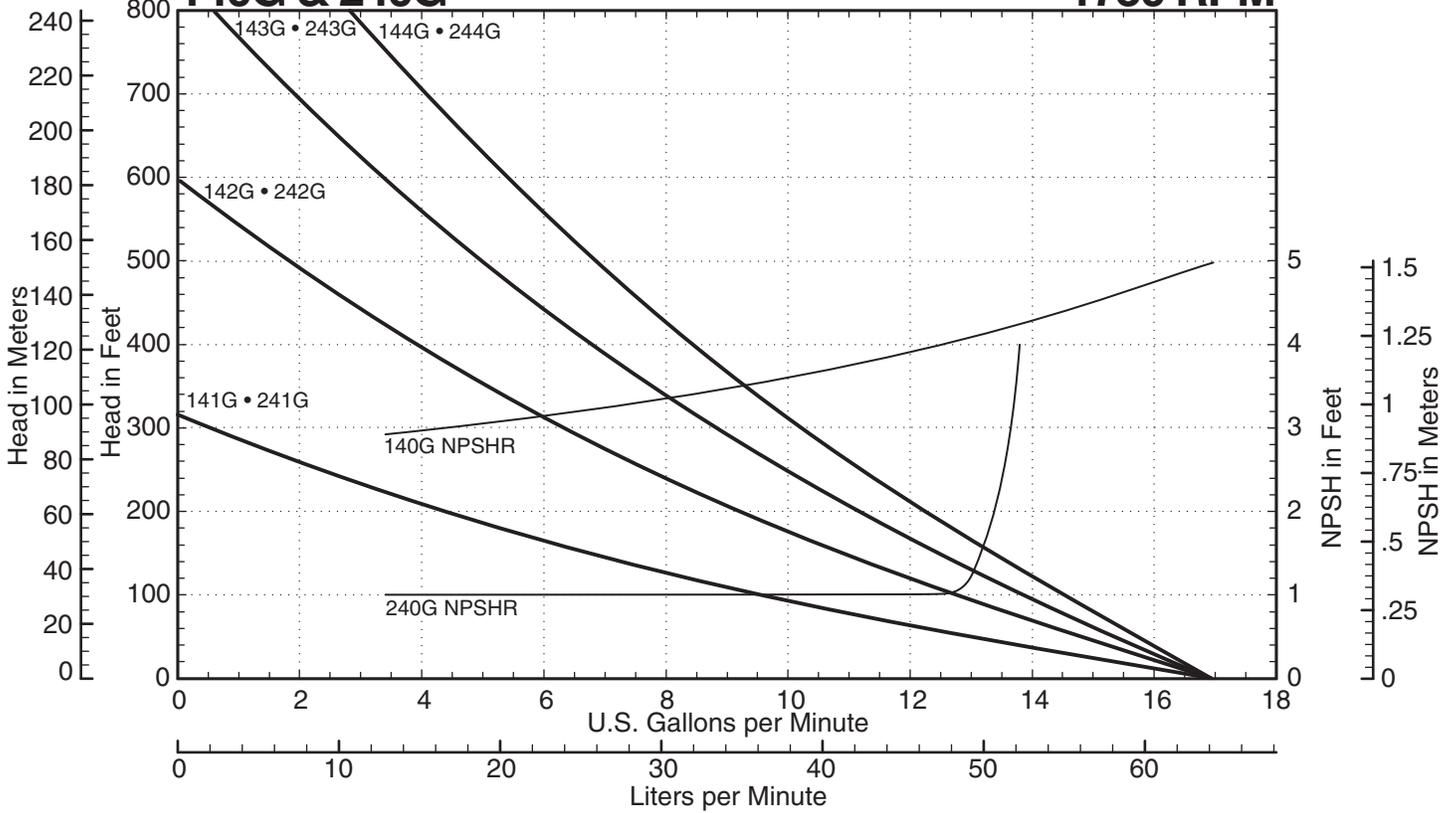
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Performance Curves

140G & 240G*

1750 RPM



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NOTES

- Consult factory for operation below 2.5 GPM
- *Add 1/2 horsepower for 240 Series models
- **Horsepower data is valid for 1.0 specific gravity fluids only



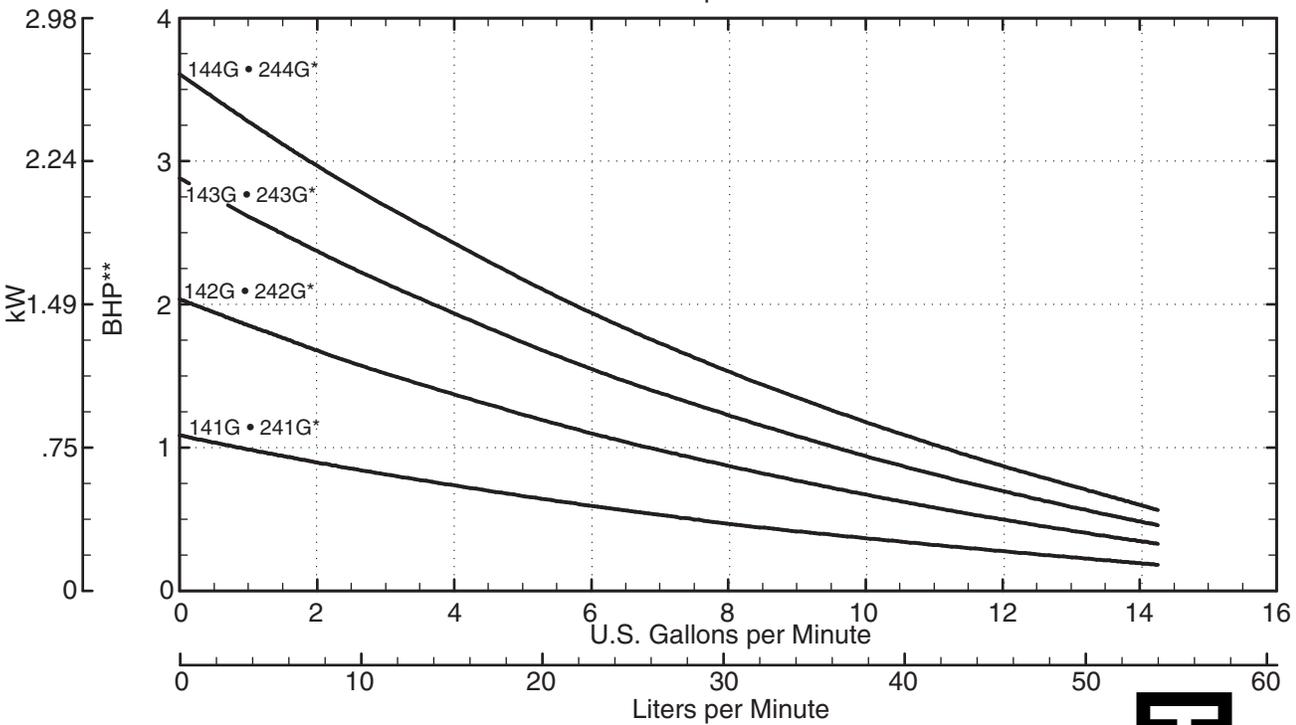
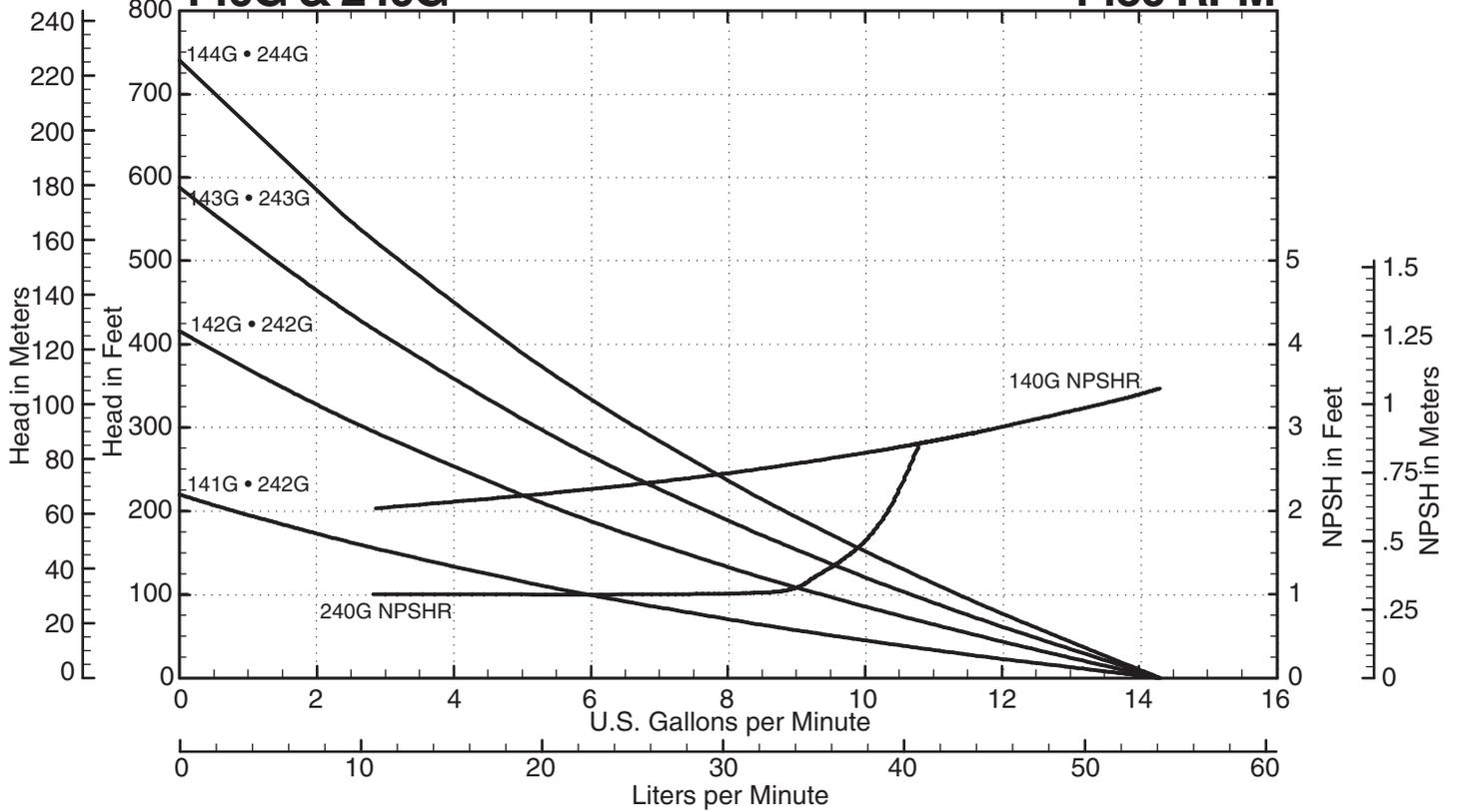
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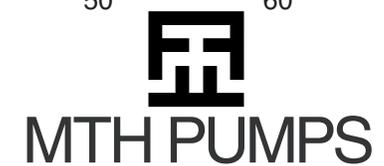
Performance Curves 140G & 240G*

1450 RPM



NOTES

Consult factory for operation below 2.5 GPM
 *Add 1/2 horsepower for 240 Series models
 **Horsepower data is valid for 1.0 specific gravity fluids only



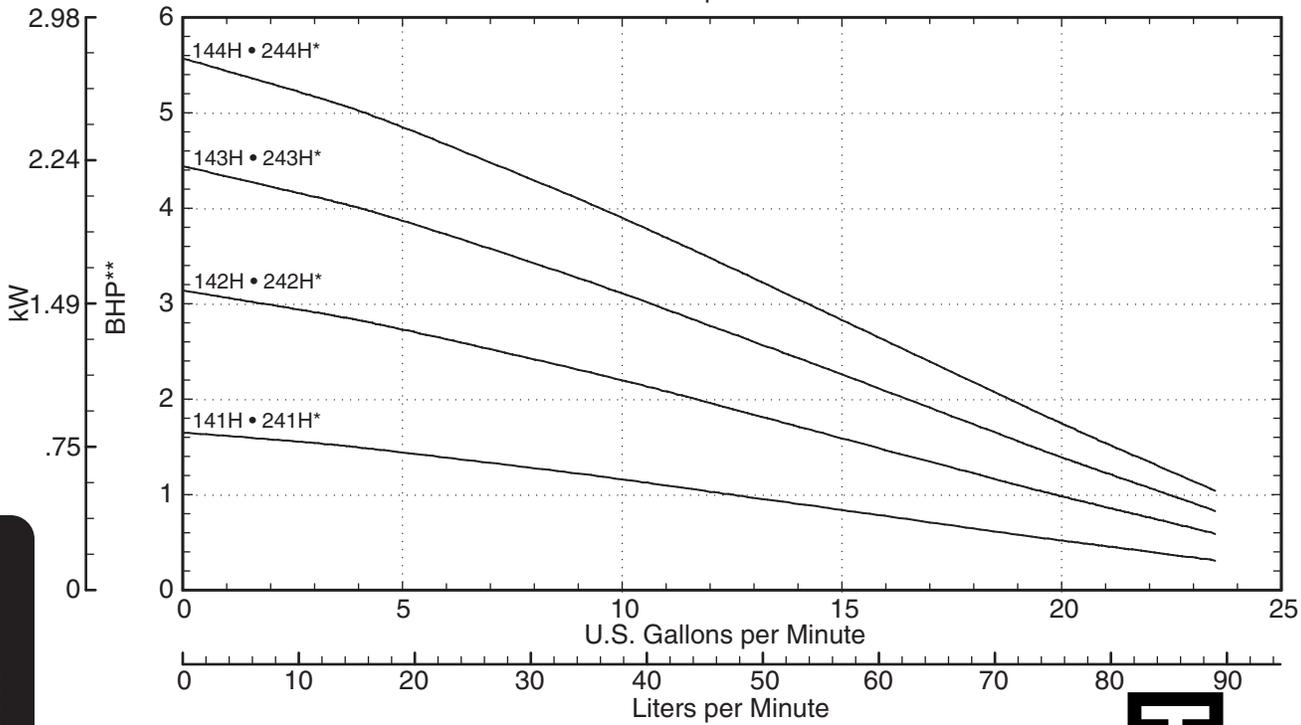
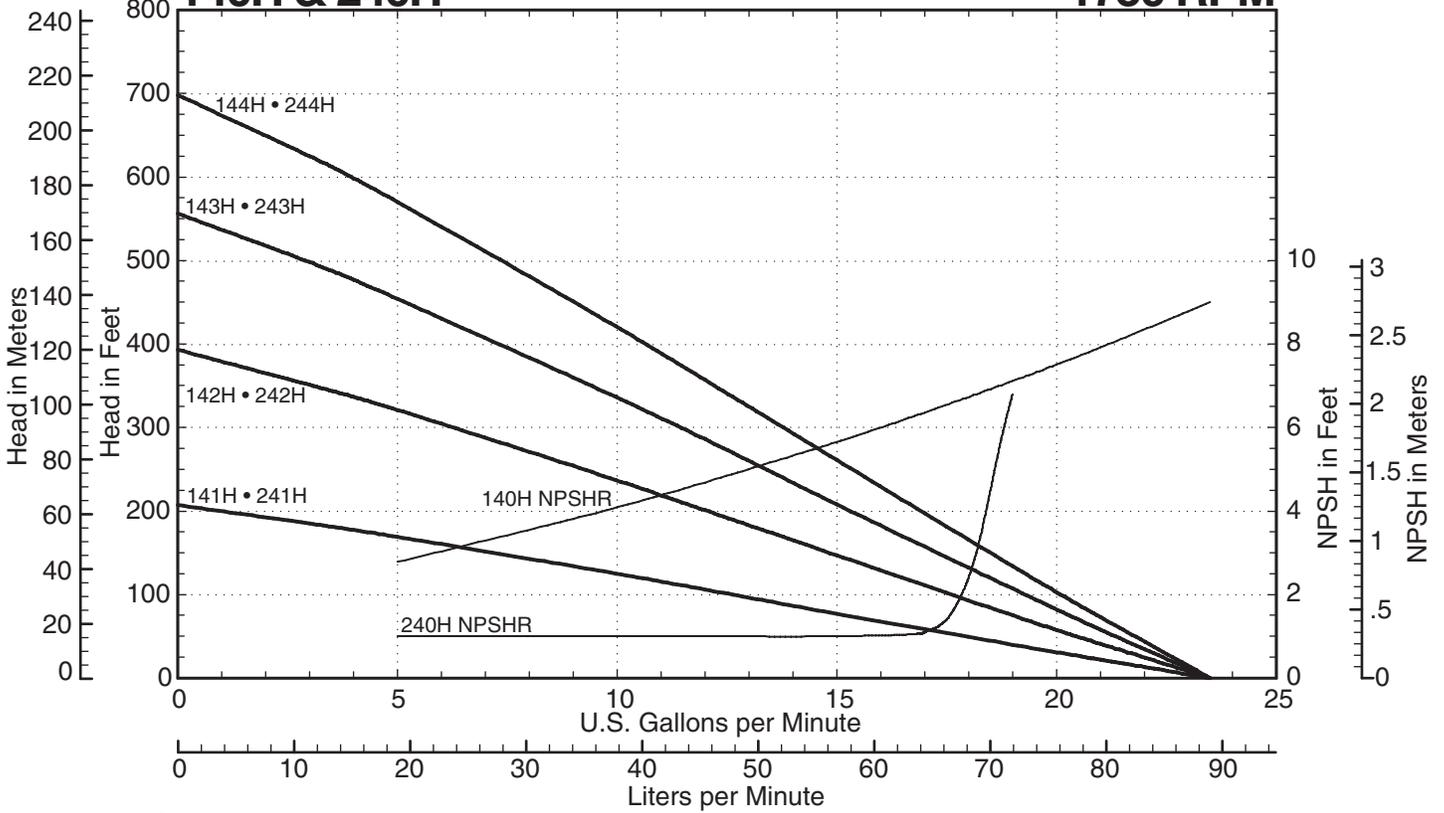
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Performance Curves 140H & 240H*

1750 RPM



140 • 240 SERIES PUMPS

NOTES

- Consult factory for operation below 3 GPM
- *Add 1/2 horsepower for 240 Series models
- **Horsepower data is valid for 1.0 specific gravity fluids only

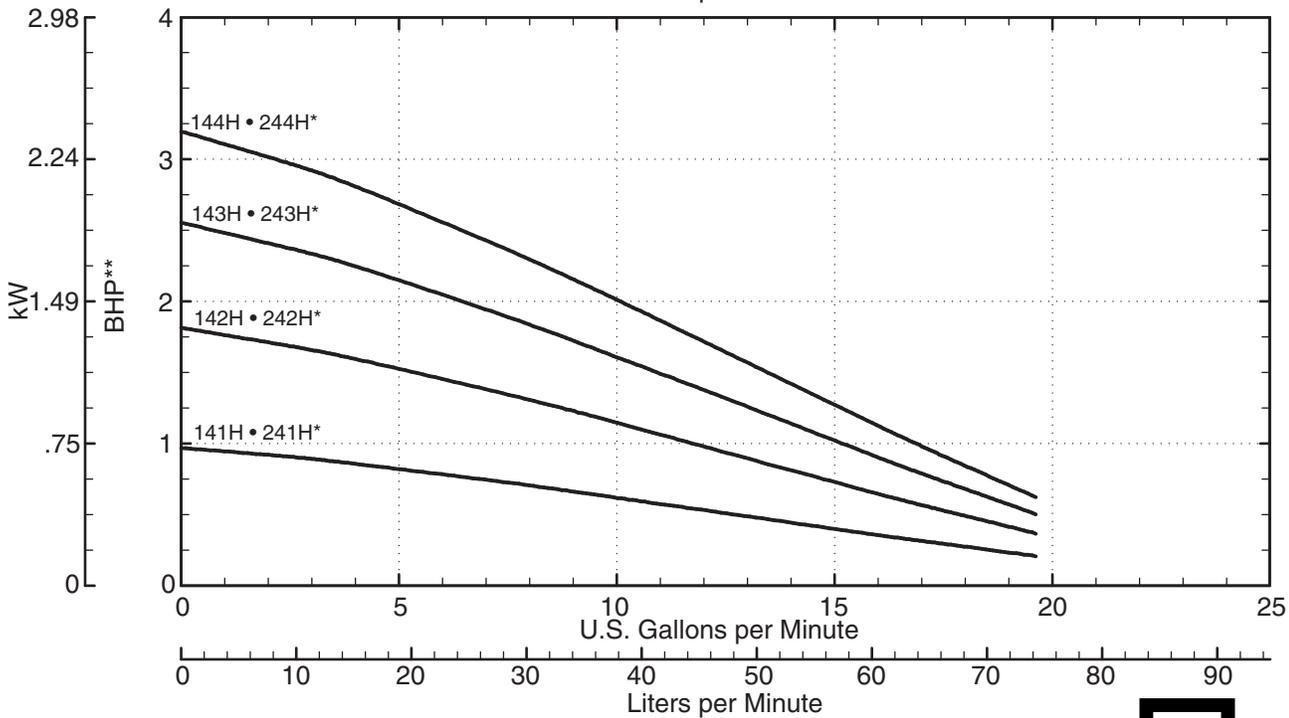
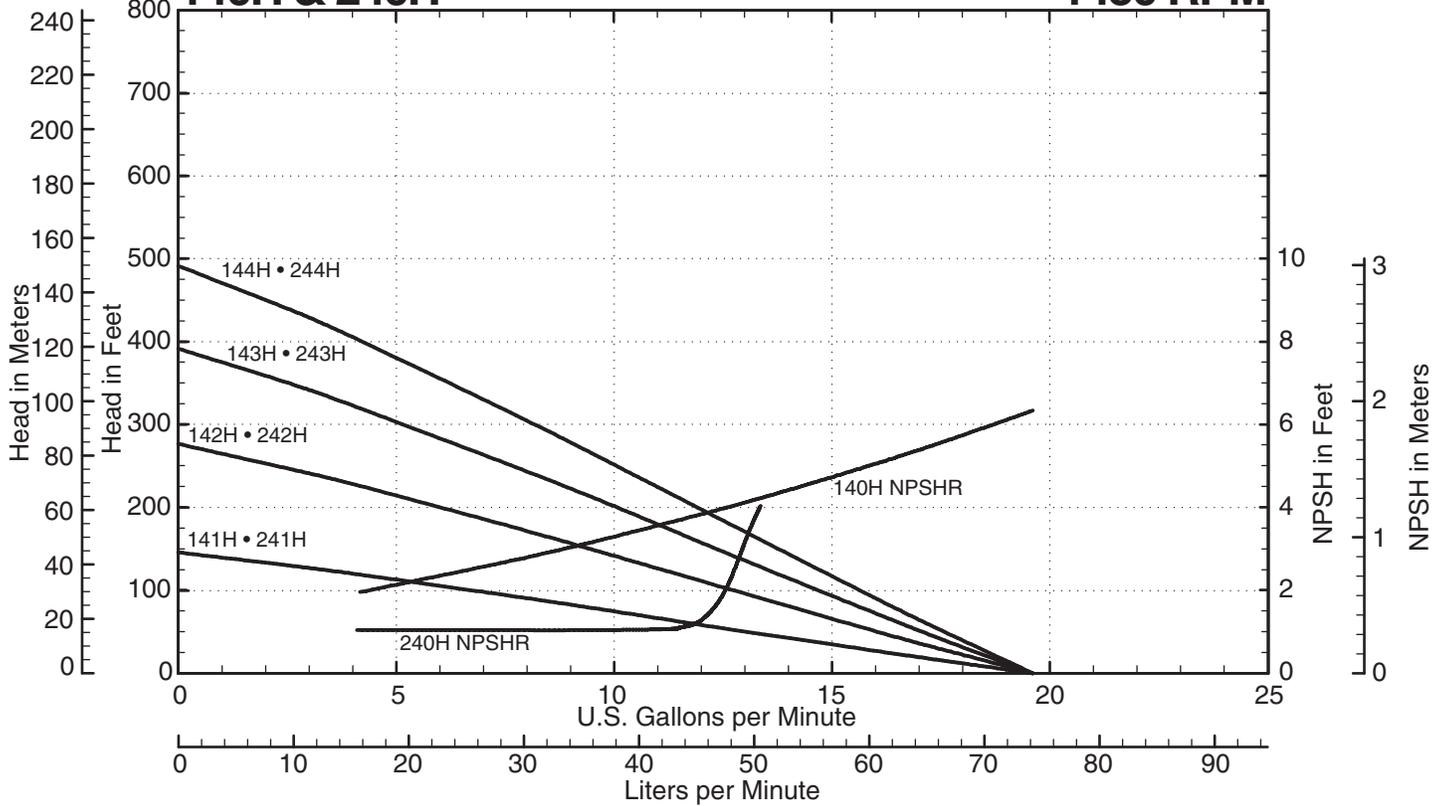
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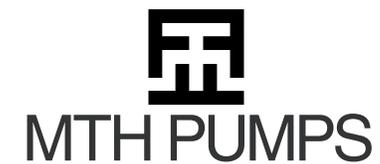
Performance Curves 140H & 240H*

1450 RPM



NOTES

Consult factory for operation below 3 GPM
 *Add 1/2 horsepower for 240 Series models
 **Horsepower data is valid for 1.0 specific gravity fluids only



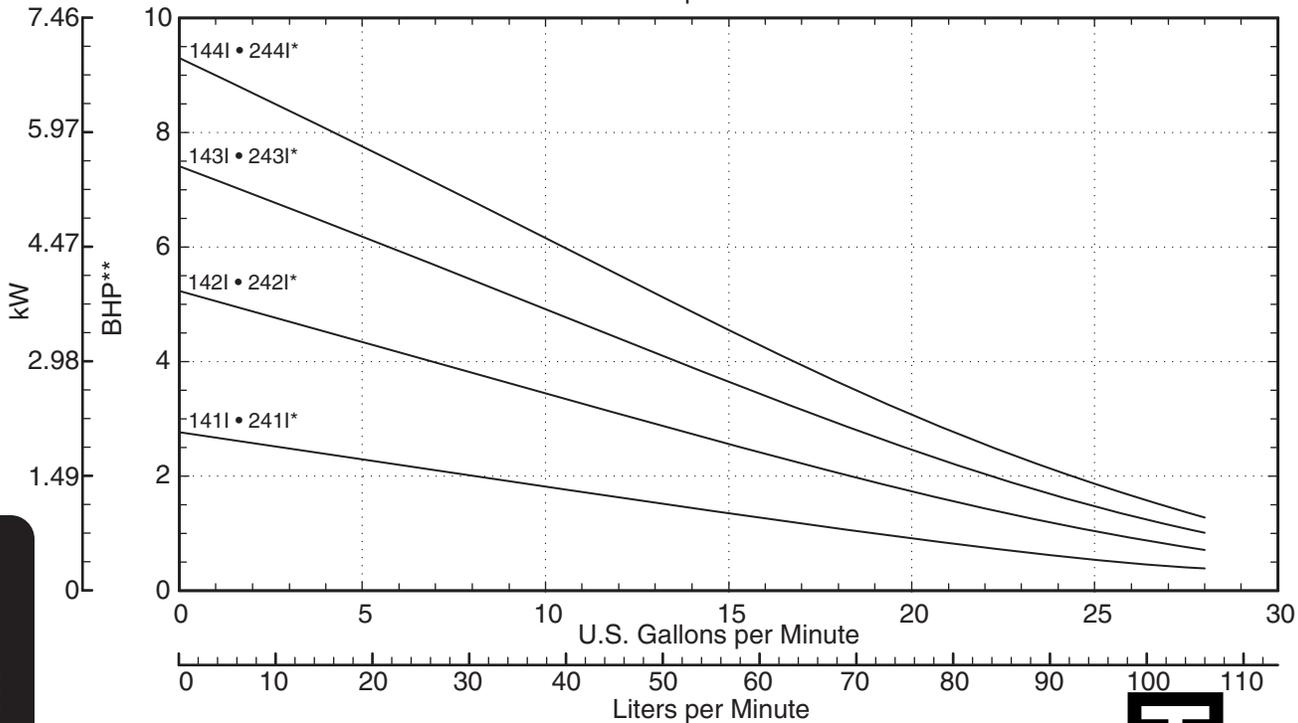
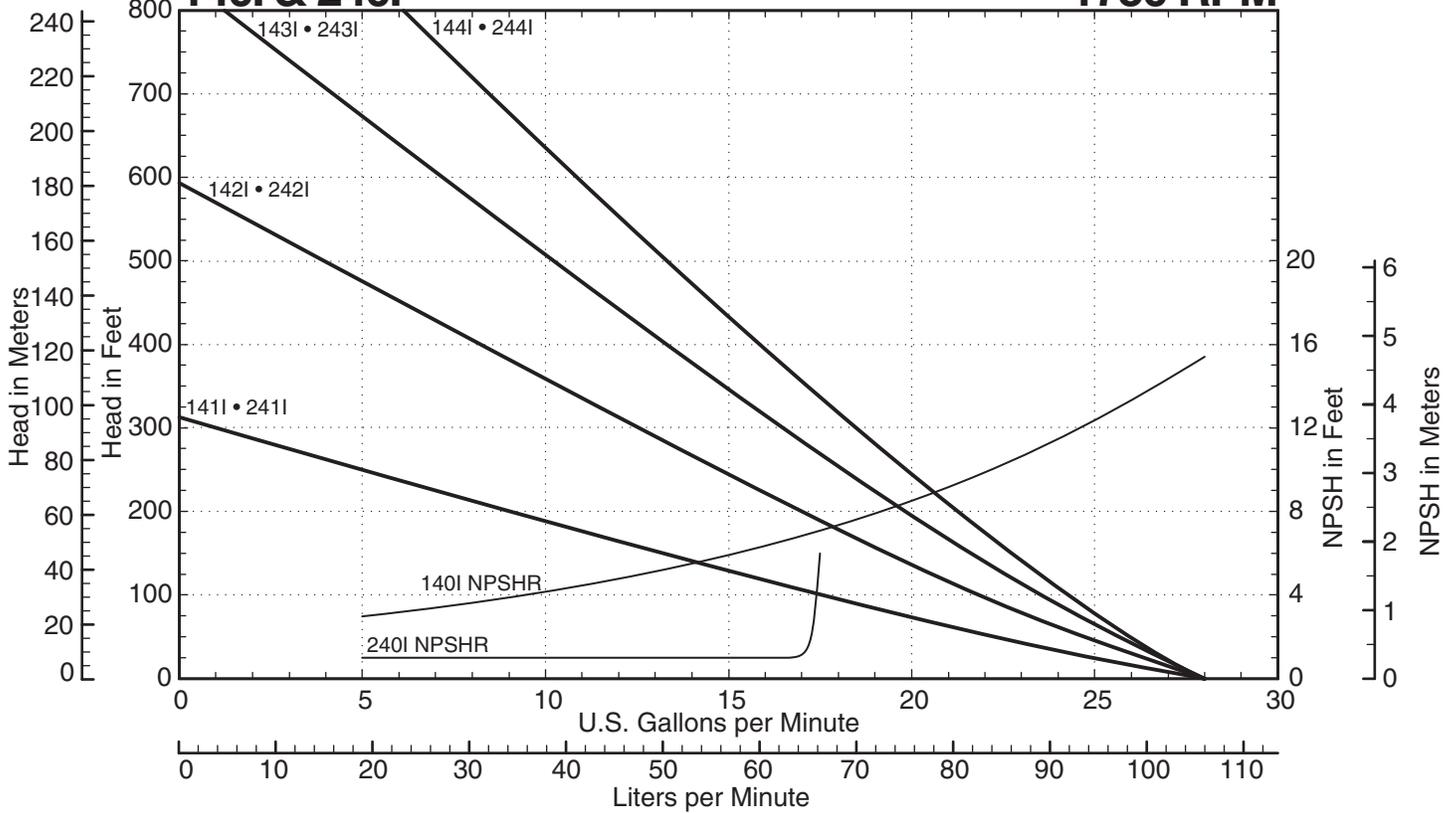
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140 • 240 • 180 • 280 SERIES

Performance Curves 140I & 240I*

1750 RPM



140 • 240 SERIES PUMPS

NOTES

- Consult factory for operation below 3 GPM
- *Add 1/2 horsepower for 240 Series models
- **Horsepower data is valid for 1.0 specific gravity fluids only



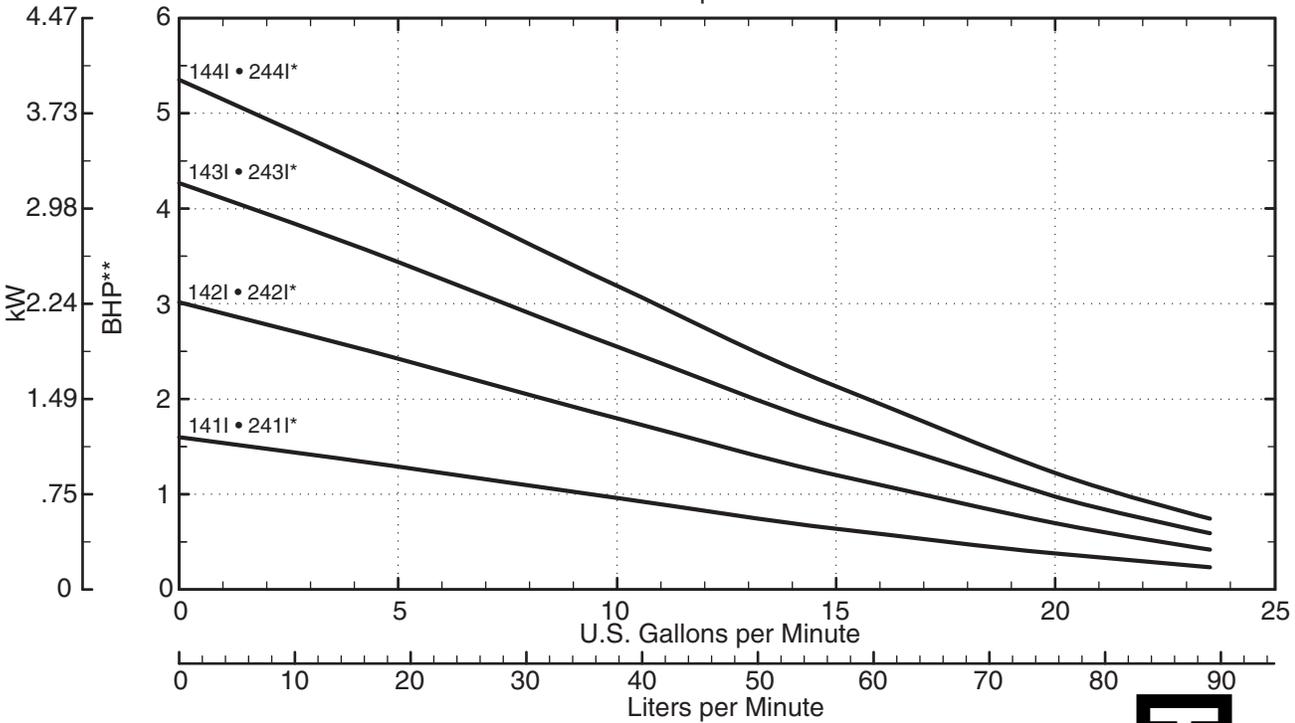
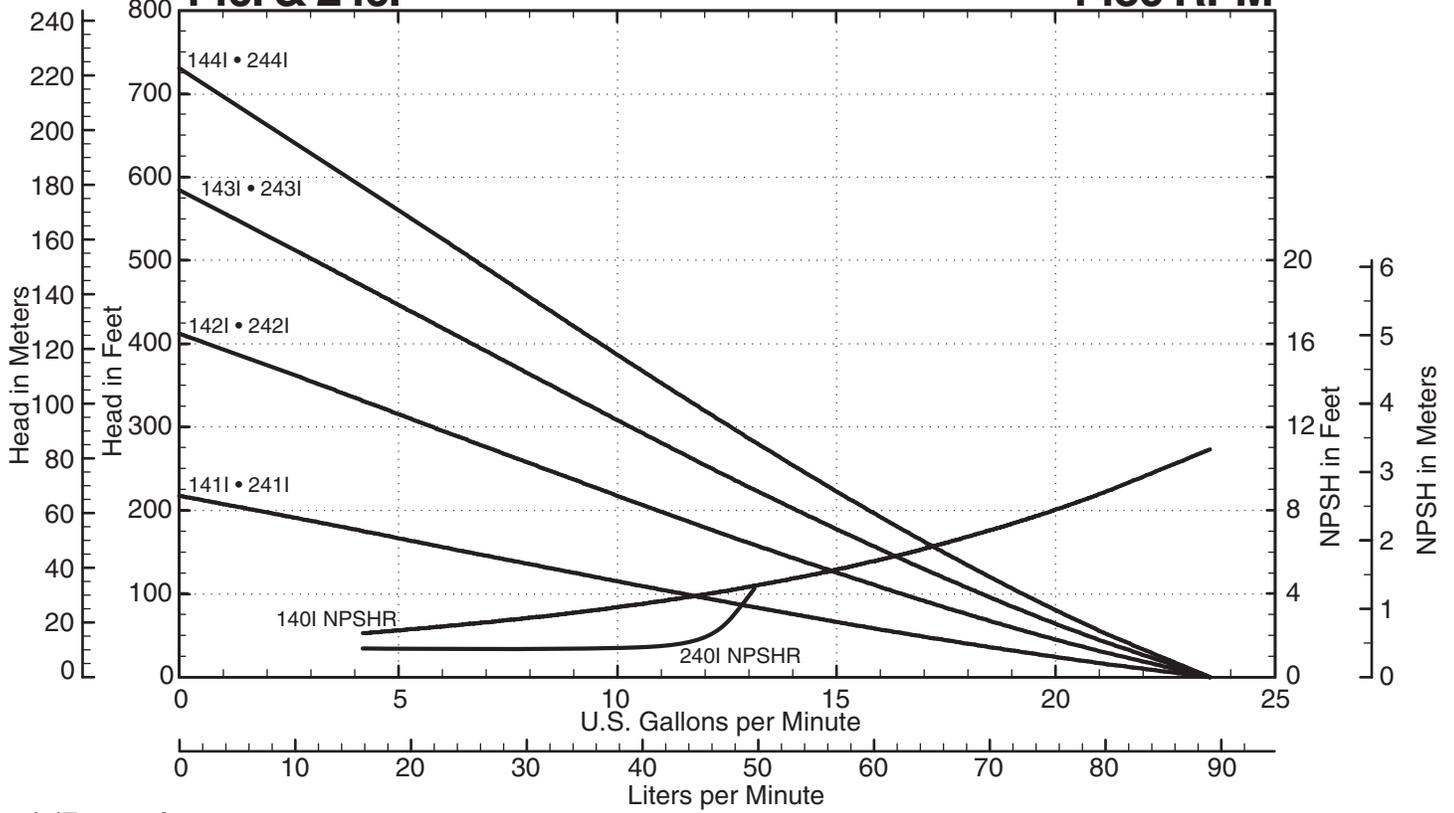
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140 • 240 • 180 • 280 SERIES

Performance Curves 140I & 240I*

1450 RPM



NOTES

- Consult factory for operation below 3 GPM
- *Add 1/2 horsepower for 240 Series models
- **Horsepower data is valid for 1.0 specific gravity fluids only



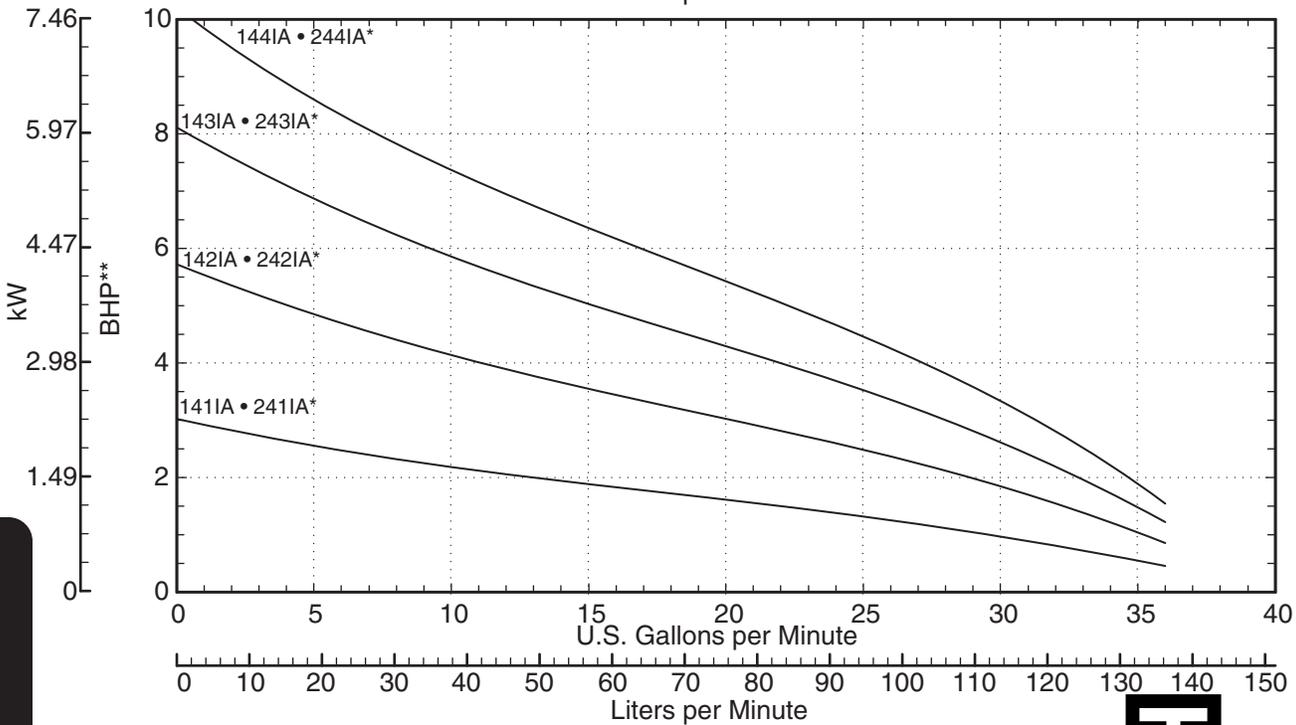
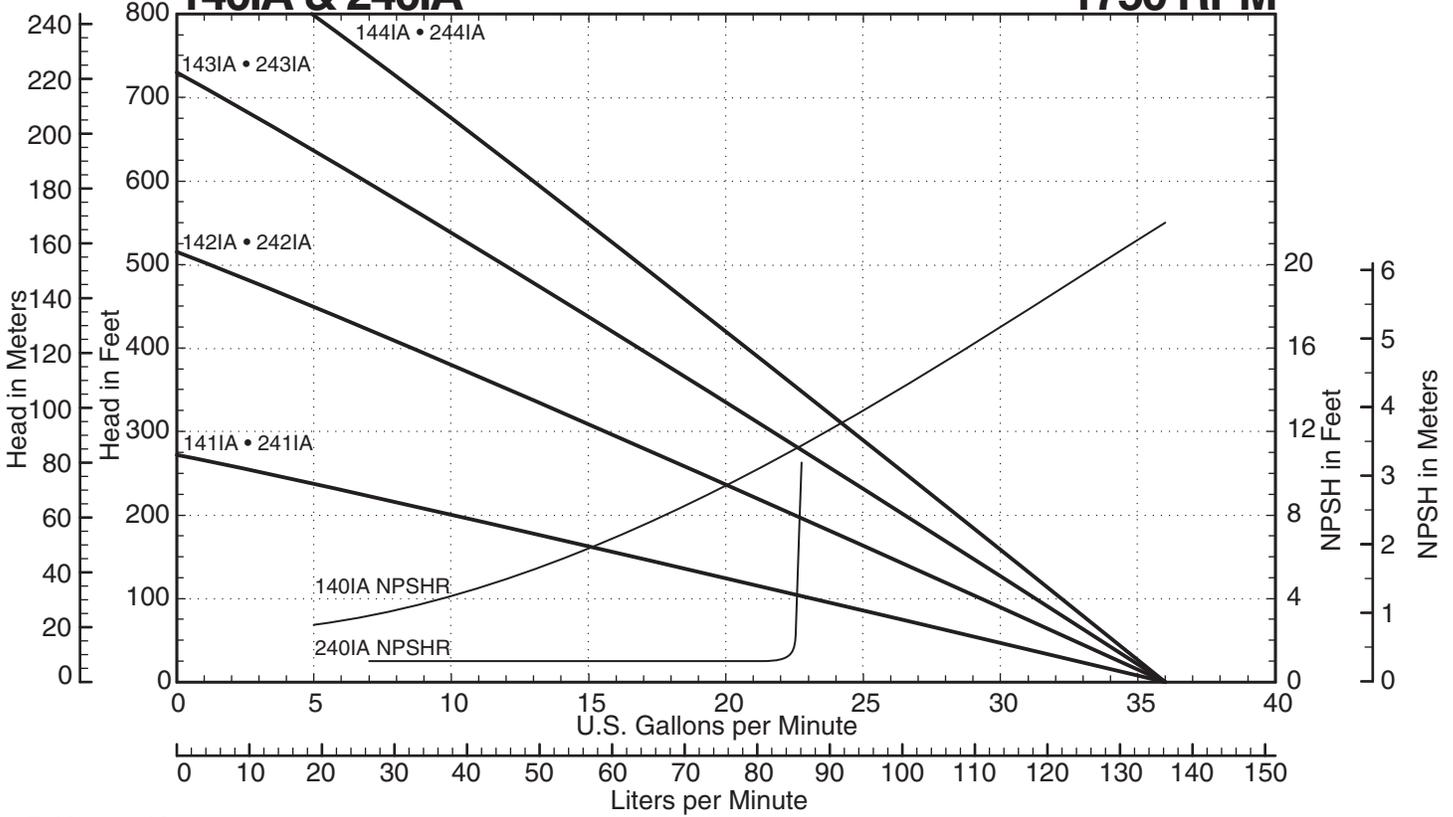
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140 • 240 • 180 • 280 SERIES

Performance Curves 140IA & 240IA*

1750 RPM



140 • 240 SERIES PUMPS

NOTES

- Consult factory for operation below 5 GPM
- *Add 1/2 horsepower for 240 Series models
- **Horsepower data is valid for 1.0 specific gravity fluids only



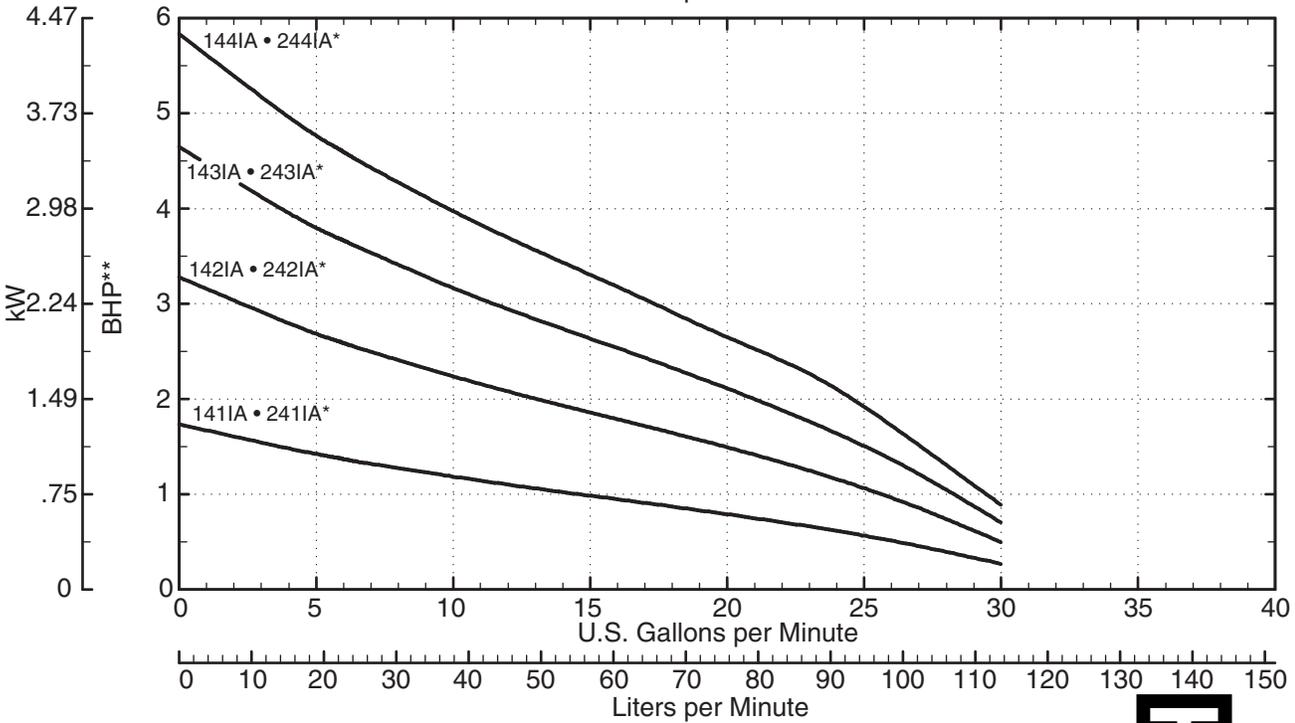
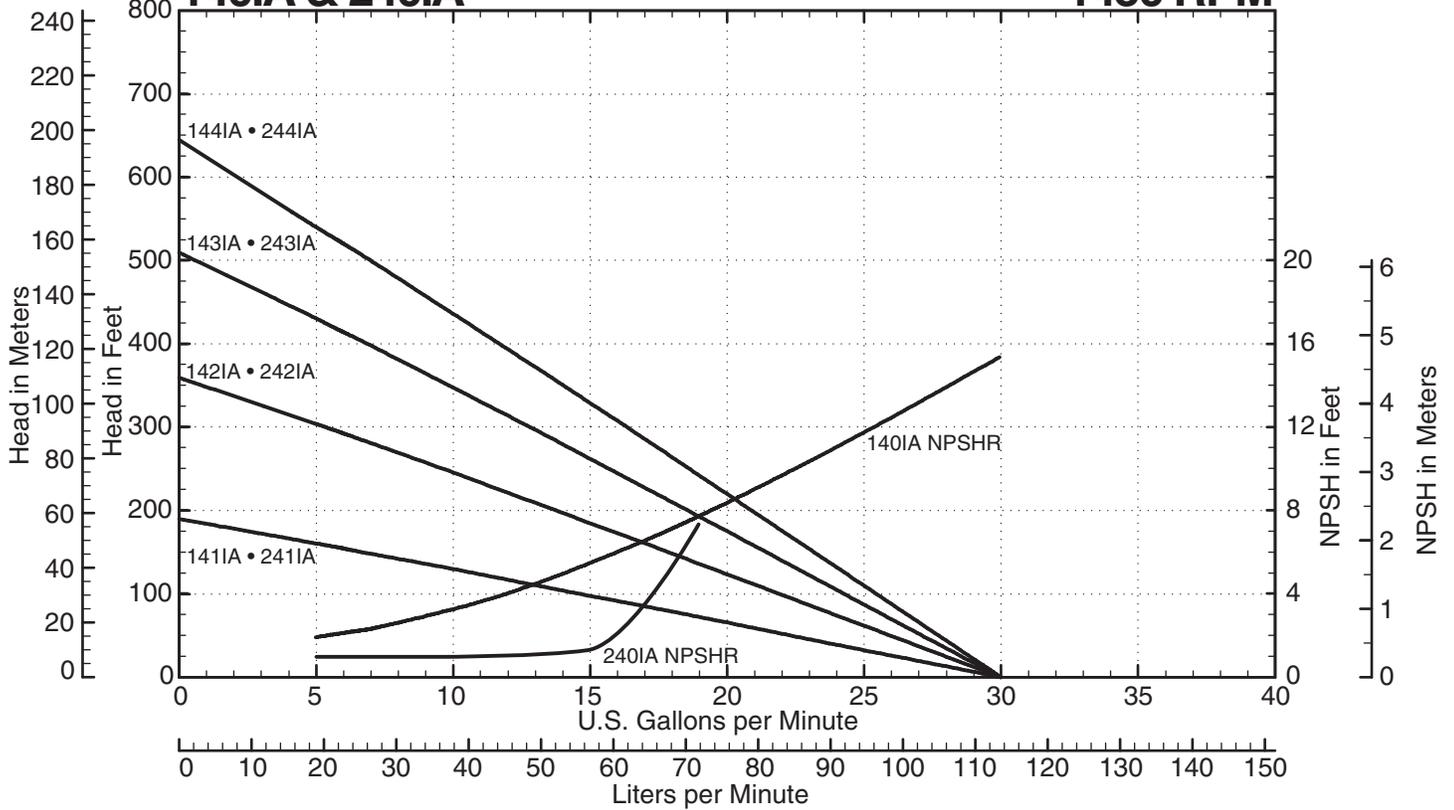
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140 • 240 • 180 • 280 SERIES

Performance Curves 140IA & 240IA*

1450 RPM



NOTES

Consult factory for operation below 5 GPM
 *Add 1/2 horsepower for 240 Series models
 **Horsepower data is valid for 1.0 specific gravity fluids only



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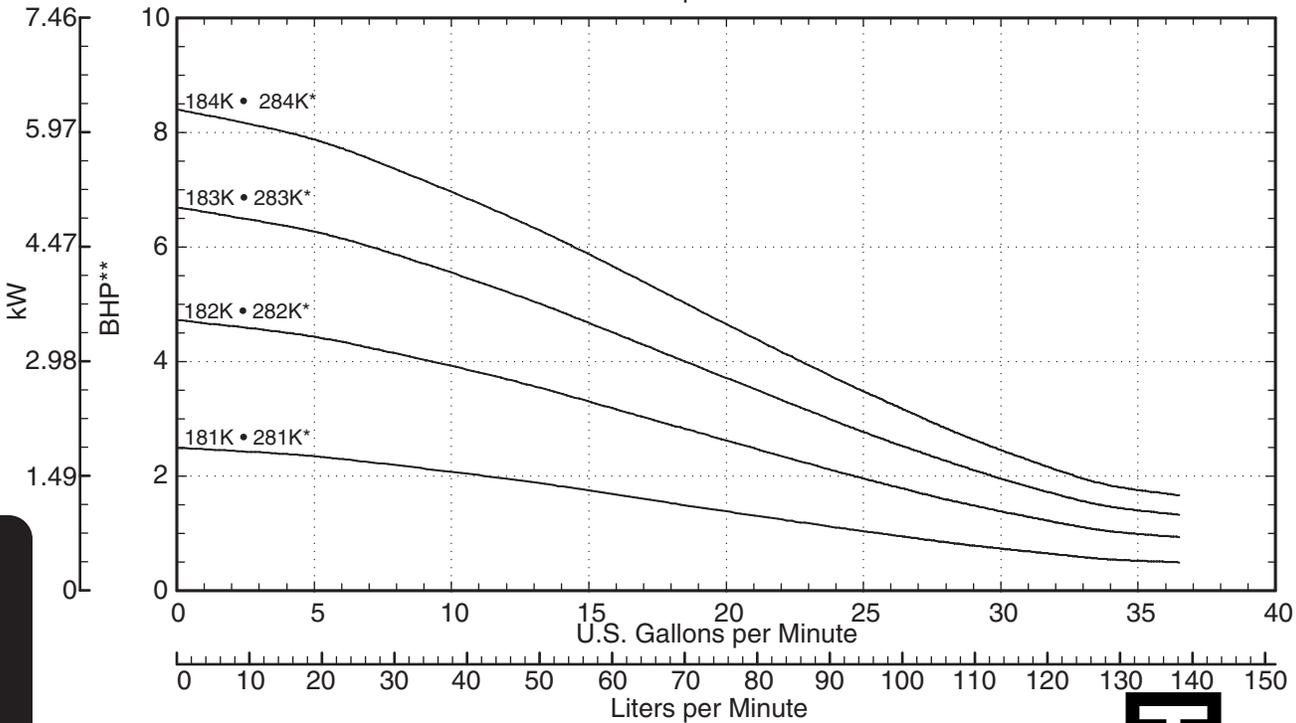
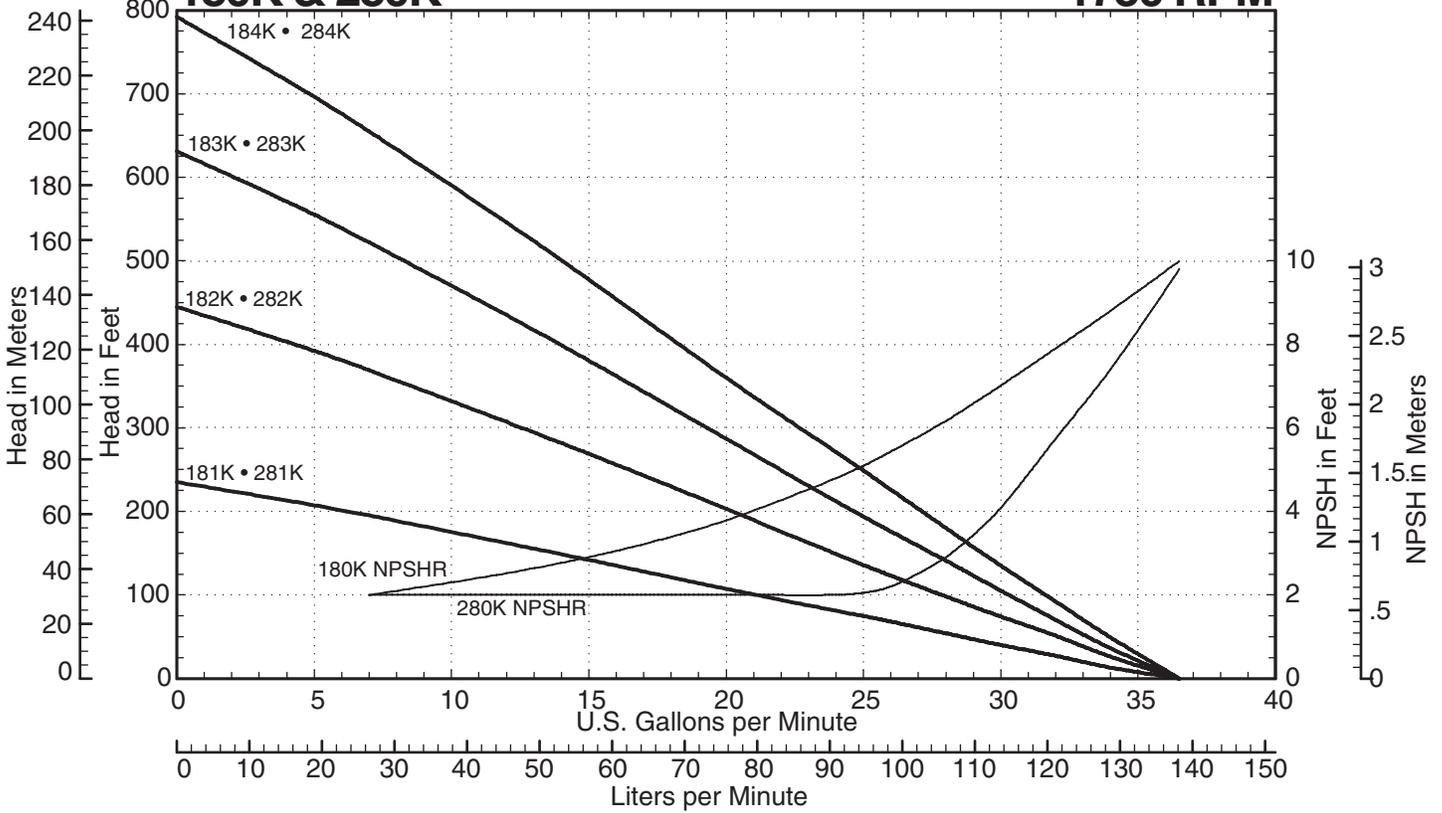


140 • 240 • 180 • 280 SERIES

Performance Curves

180K & 280K*

1750 RPM



140 • 240 SERIES PUMPS

NOTES

- Consult factory for operation below 5 GPM
- *Add 1/2 horsepower for 280 Series models
- **Horsepower data is valid for 1.0 specific gravity fluids only



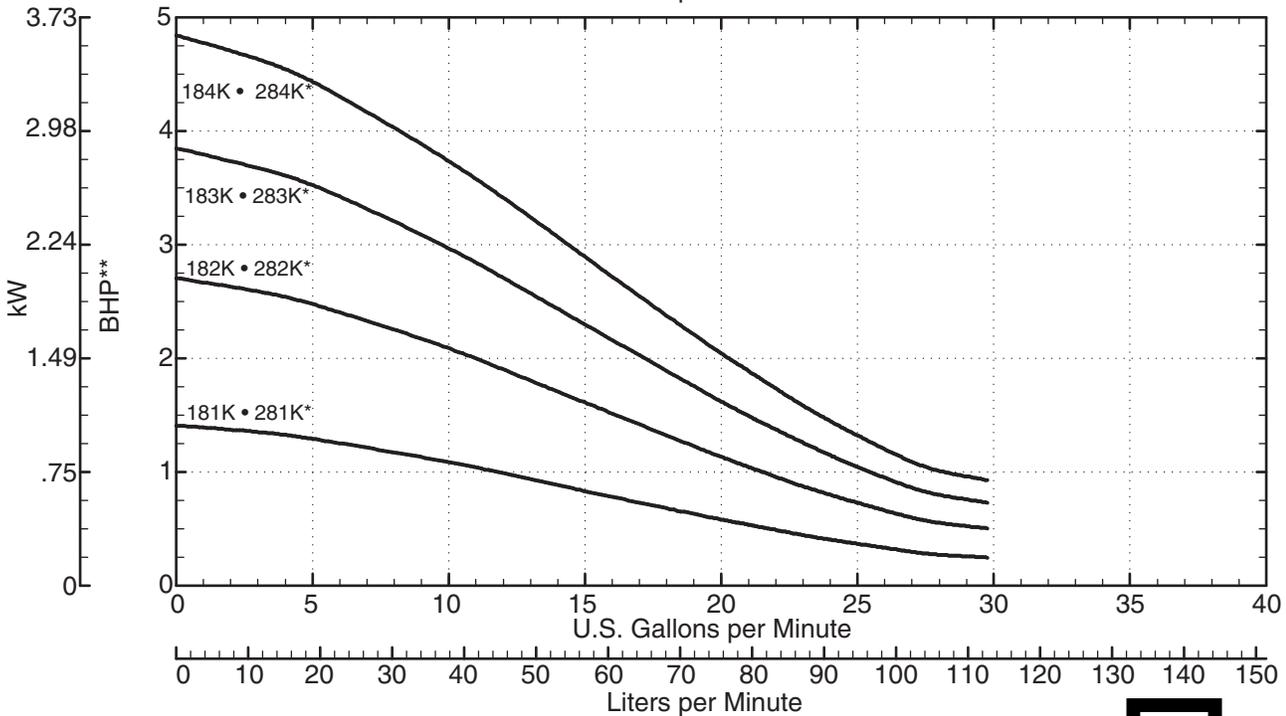
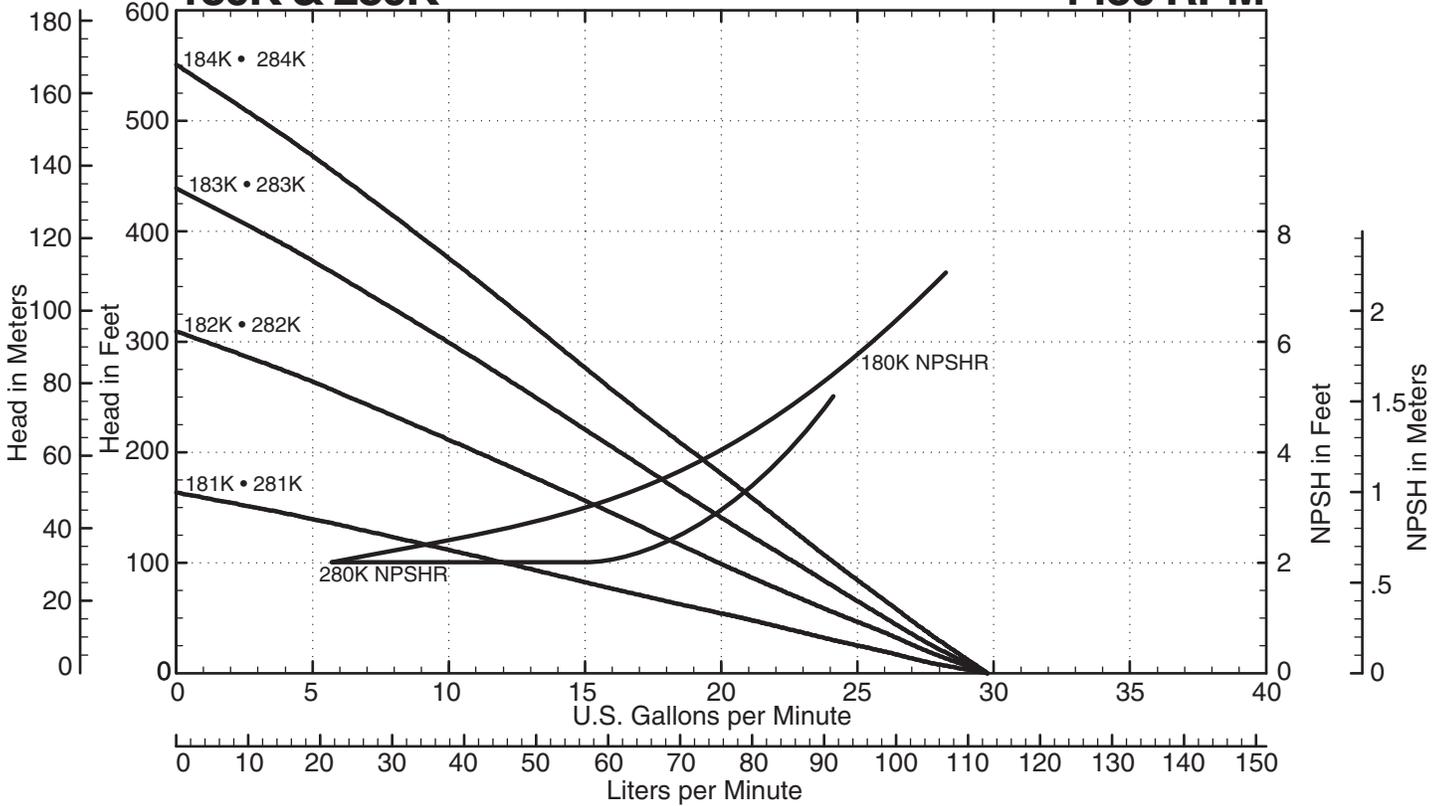
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140 • 240 • 180 • 280 SERIES

Performance Curves 180K & 280K*

1450 RPM



NOTES

Consult factory for operation below 5 GPM
 *Add 1/2 horsepower for 280 Series models
 **Horsepower data is valid for 1.0 specific gravity fluids only



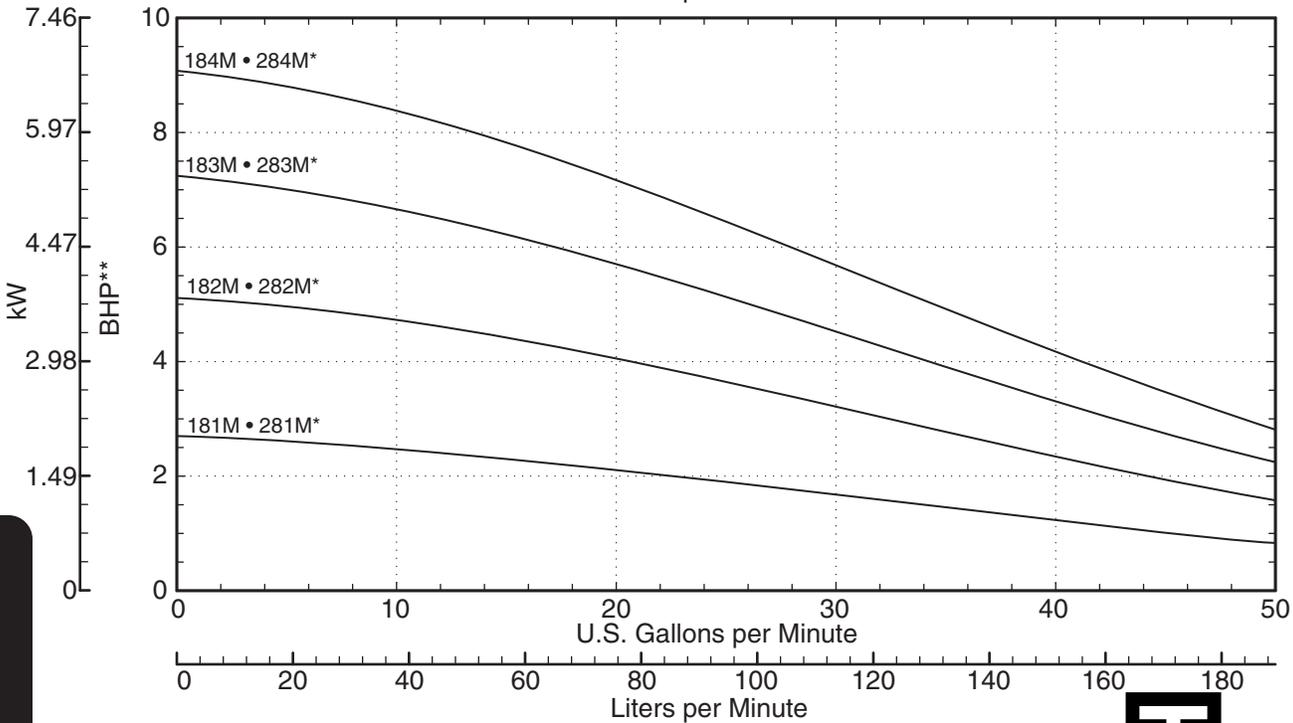
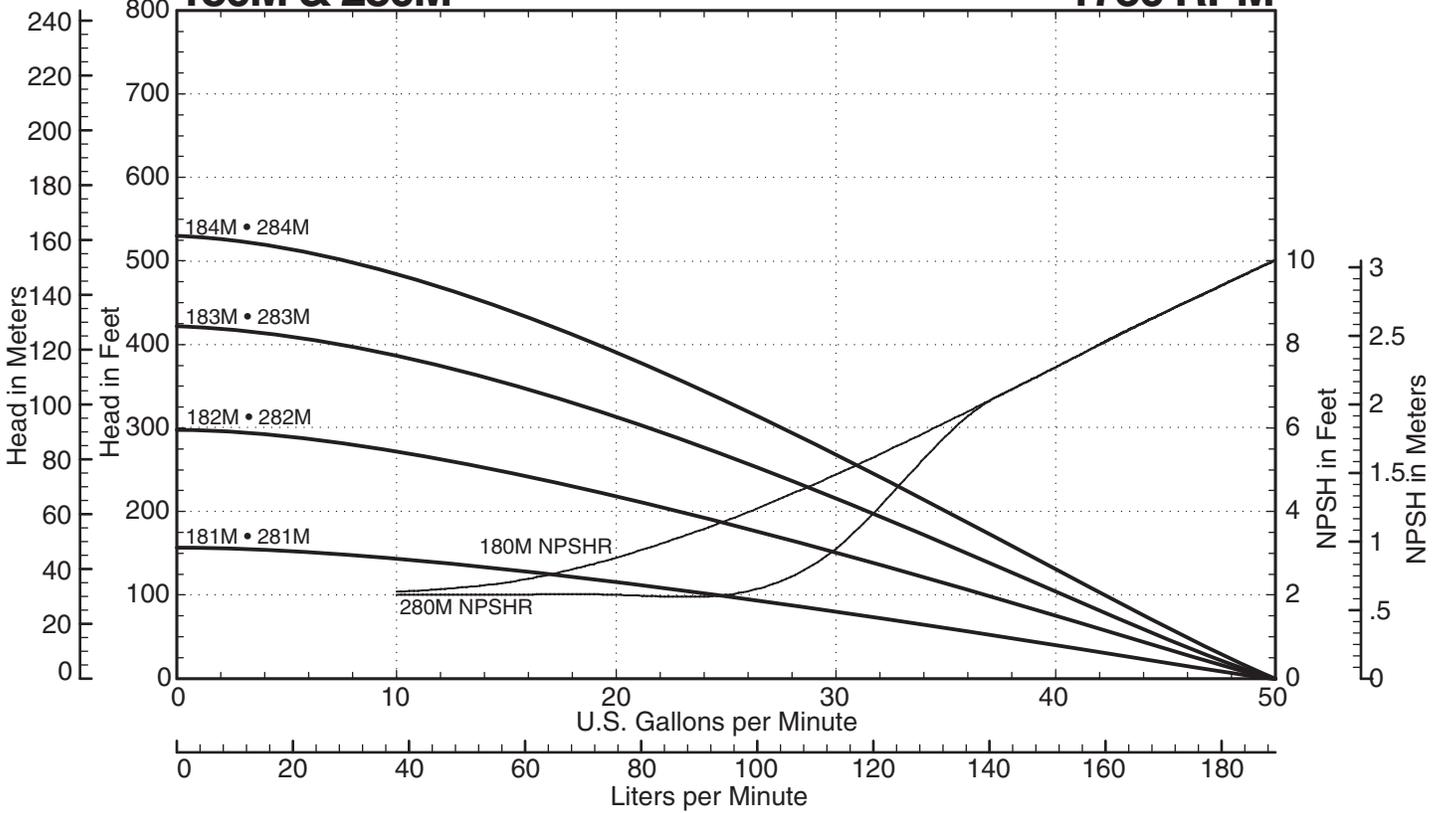
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140 • 240 • 180 • 280 SERIES

Performance Curves 180M & 280M*

1750 RPM



140 • 240 SERIES PUMPS

NOTES

- Consult factory for operation below 5 GPM
- *Add 1/2 horsepower for 280 Series models
- **Horsepower data is valid for 1.0 specific gravity fluids only



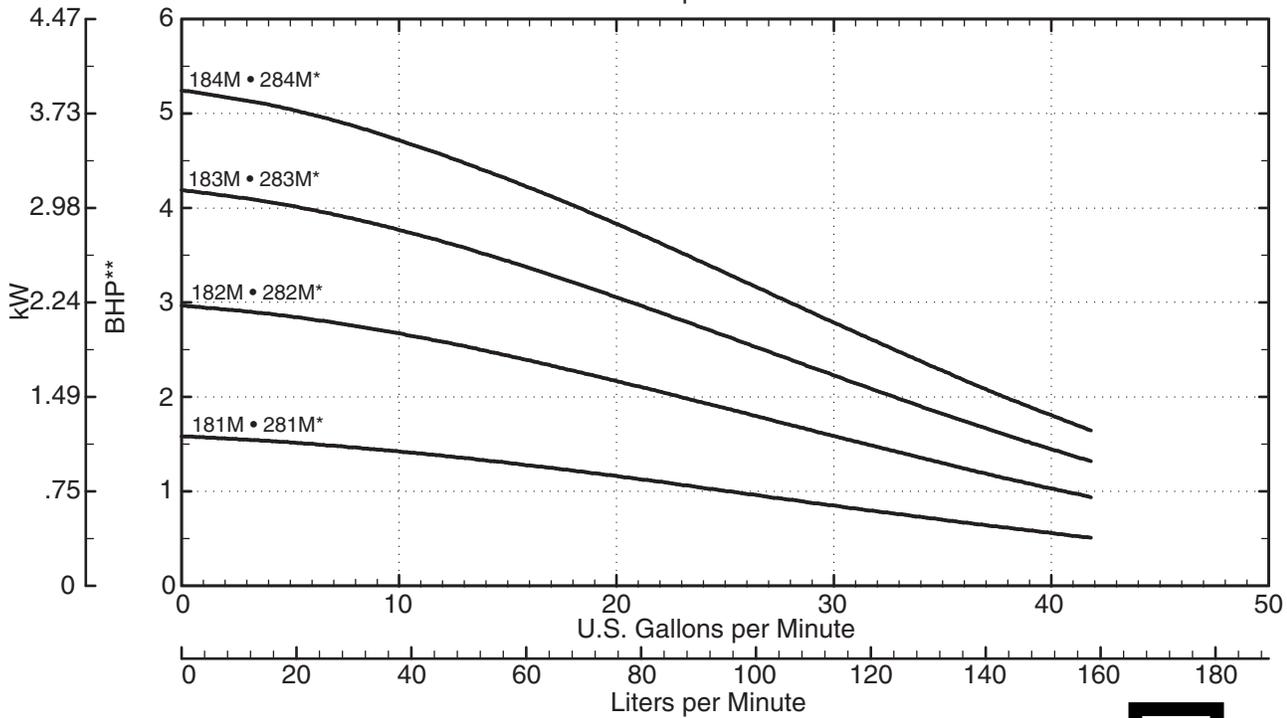
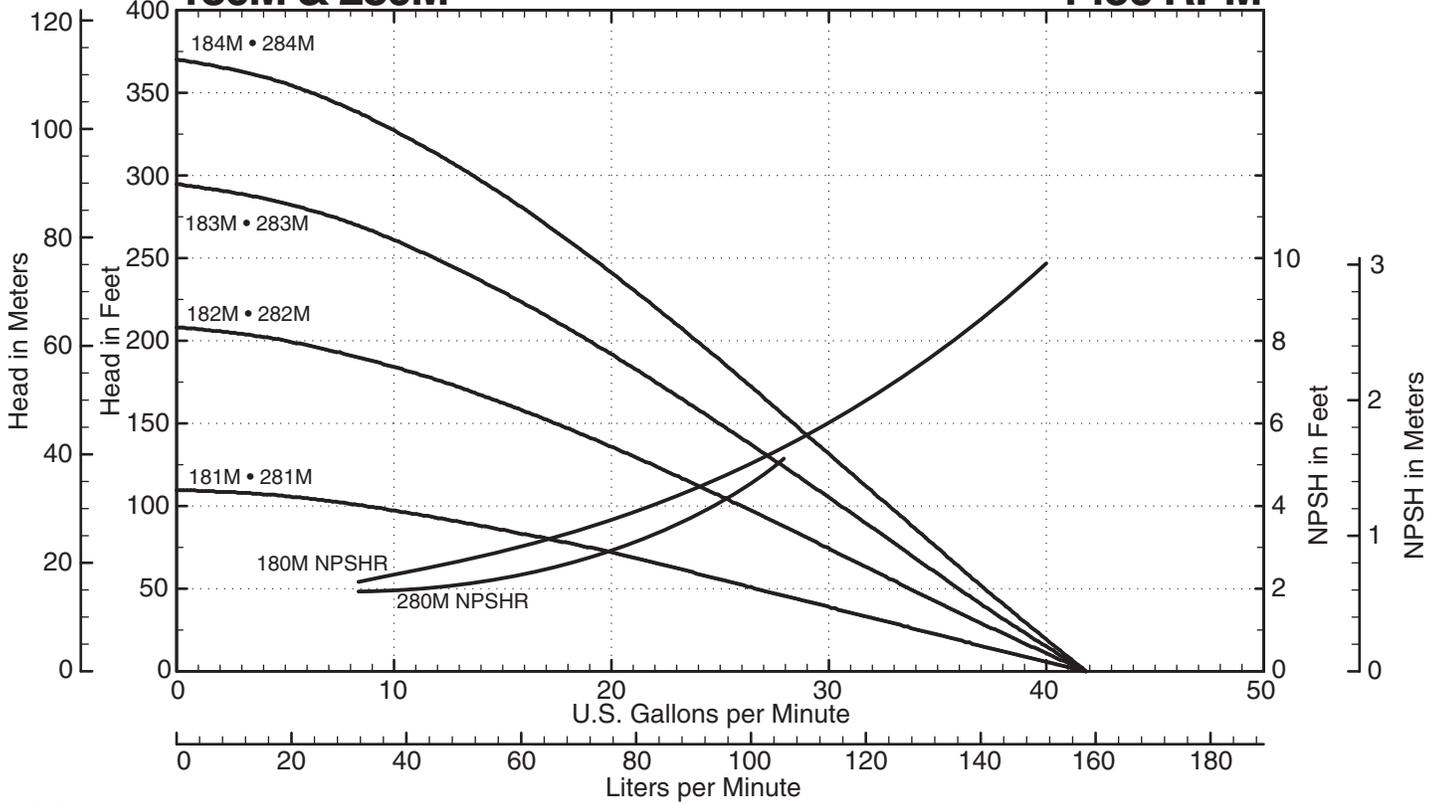
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140 • 240 • 180 • 280 SERIES

Performance Curves 180M & 280M*

1450 RPM



NOTES

Consult factory for operation below 5 GPM
 *Add 1/2 horsepower for 280 Series models
 **Horsepower data is valid for 1.0 specific gravity fluids only



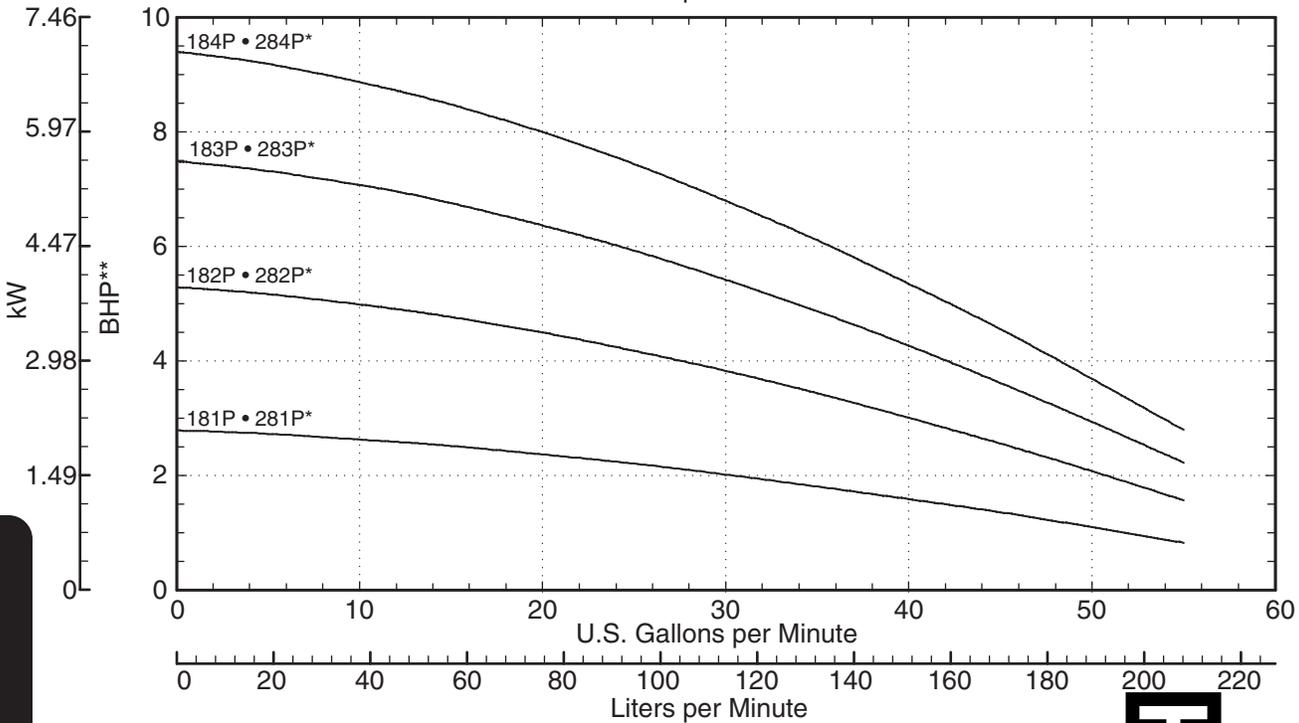
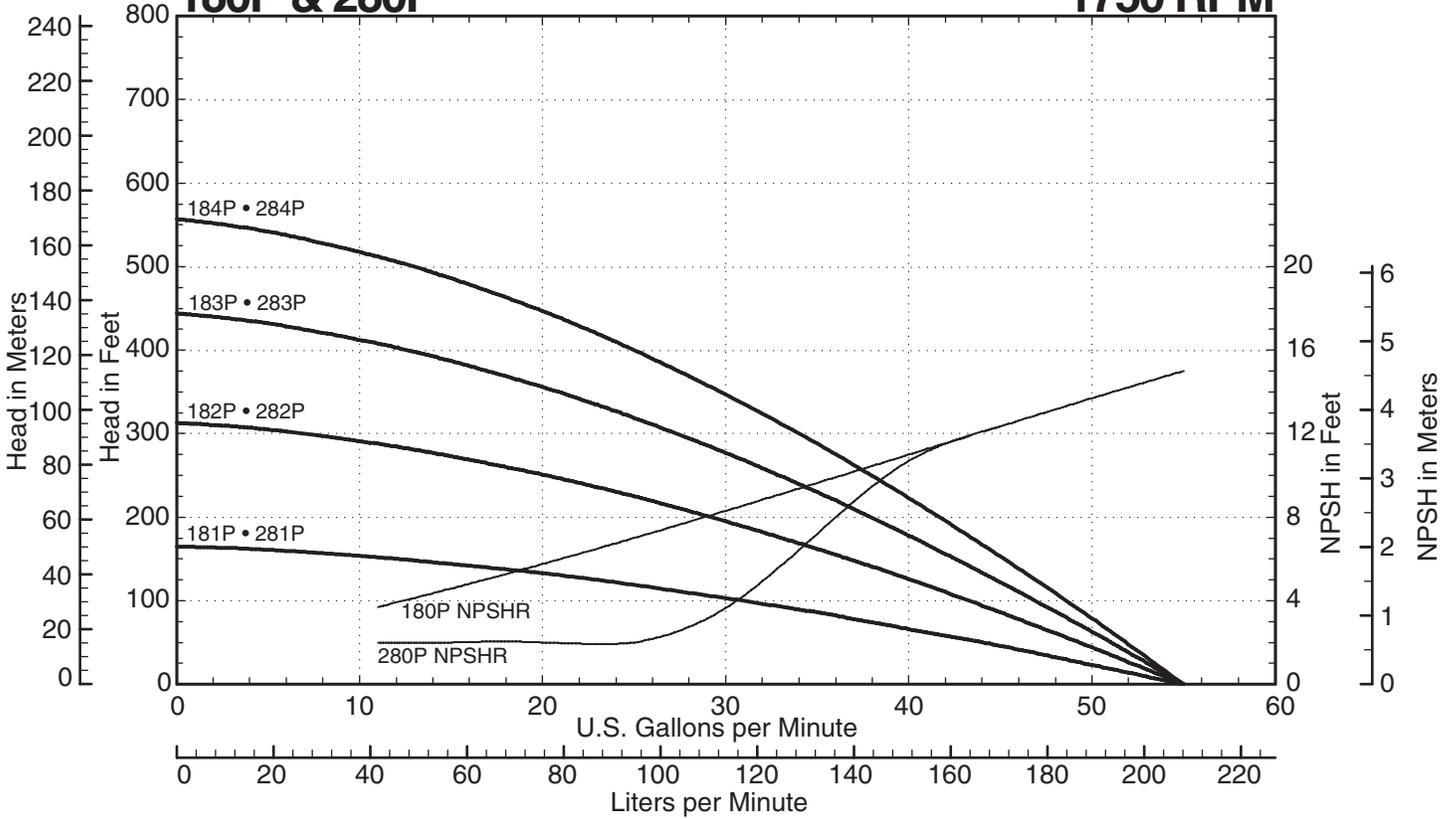
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140 • 240 • 180 • 280 SERIES

Performance Curves 180P & 280P*

1750 RPM



140 • 240 SERIES PUMPS

NOTES

- Consult factory for operation below 8 GPM
- *Add 1/2 horsepower for 280 Series models
- **Horsepower data is valid for 1.0 specific gravity fluids only



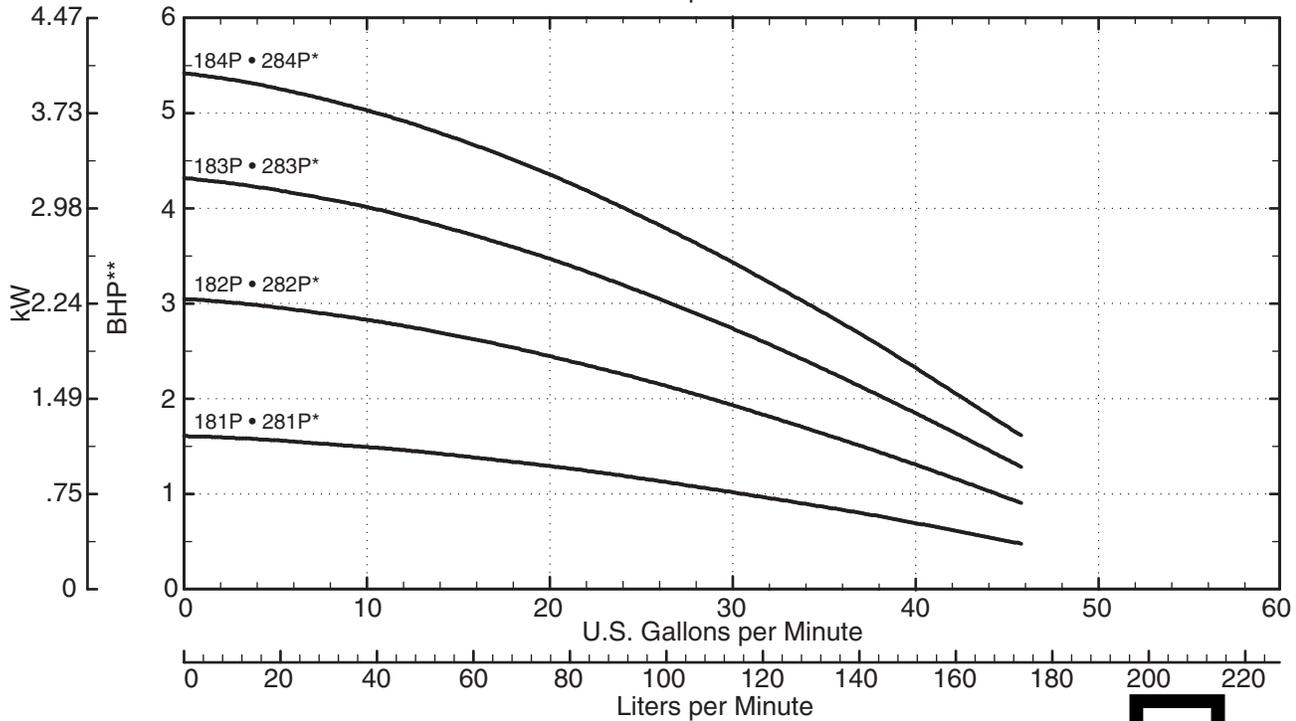
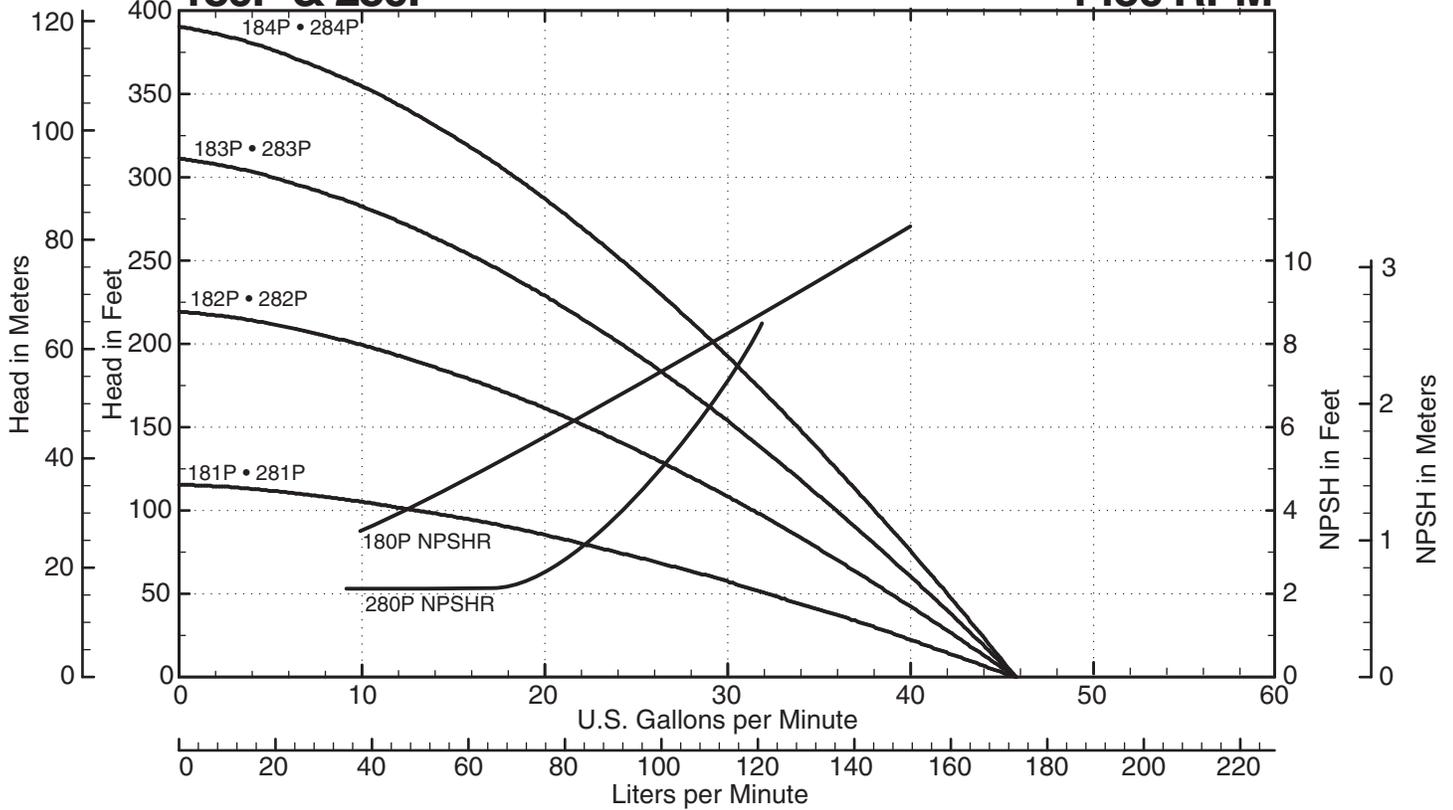
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140 • 240 • 180 • 280 SERIES

Performance Curves 180P & 280P*

1450 RPM



NOTES

- Consult factory for operation below 8 GPM
- *Add 1/2 horsepower for 280 Series models
- **Horsepower data is valid for 1.0 specific gravity fluids only



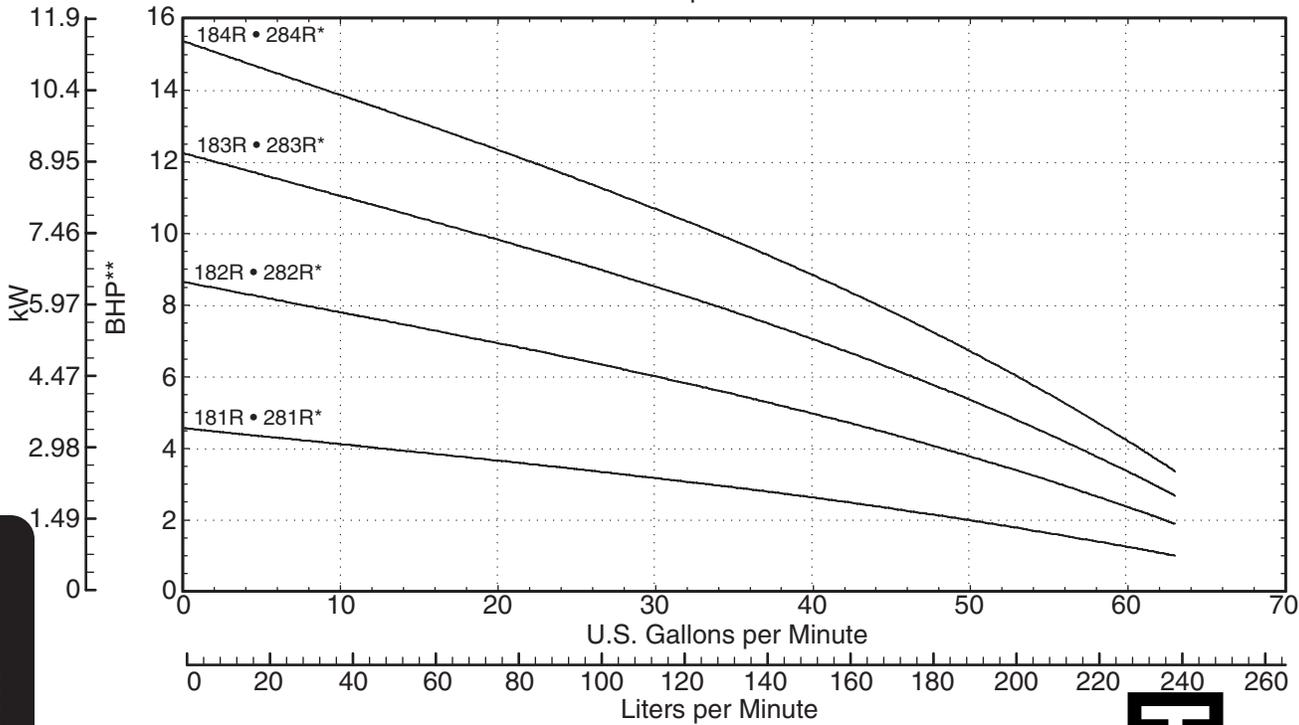
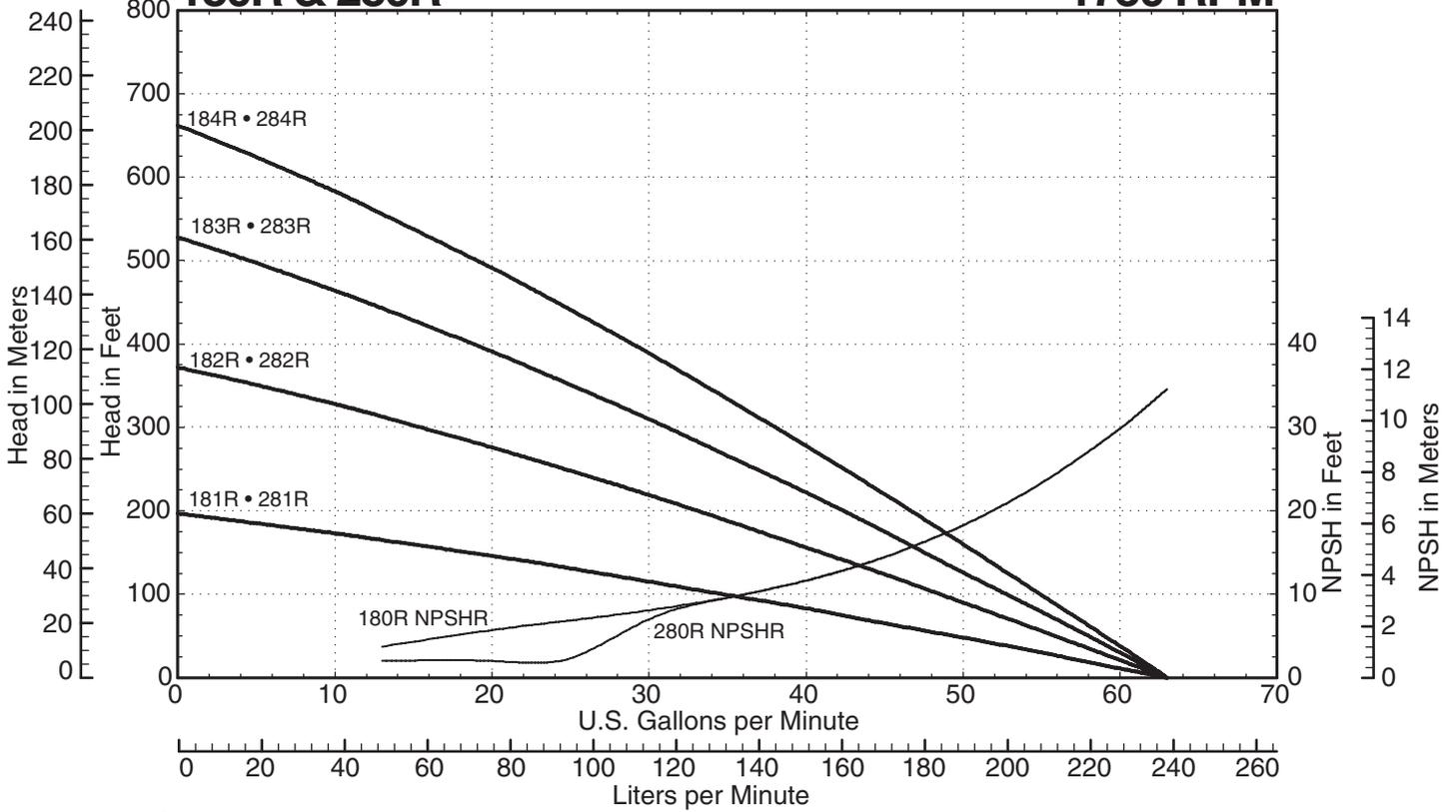
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140 • 240 • 180 • 280 SERIES

Performance Curves 180R & 280R*

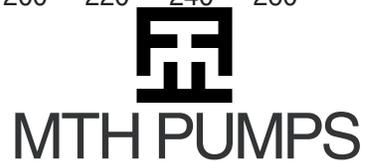
1750 RPM



140 • 240 SERIES PUMPS

NOTES

- Consult factory for operation below 8 GPM
- *Add 1/2 horsepower for 280 Series models
- **Horsepower data is valid for 1.0 specific gravity fluids only



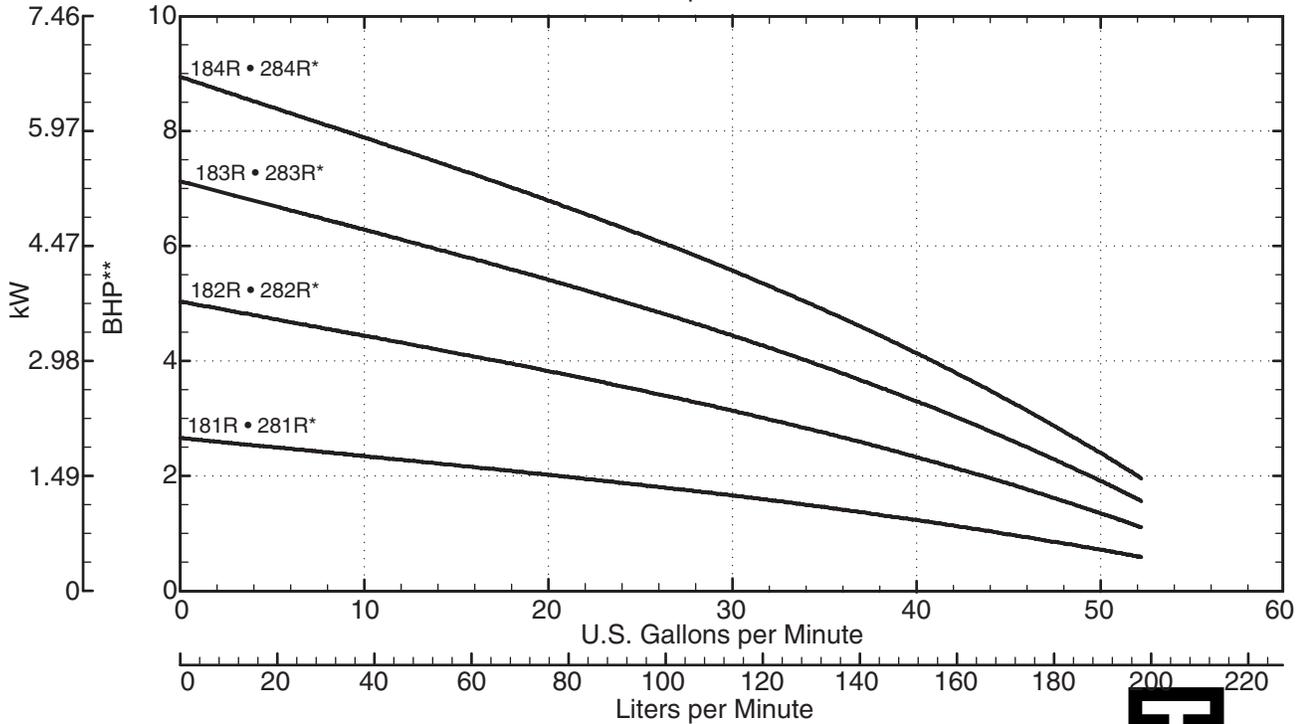
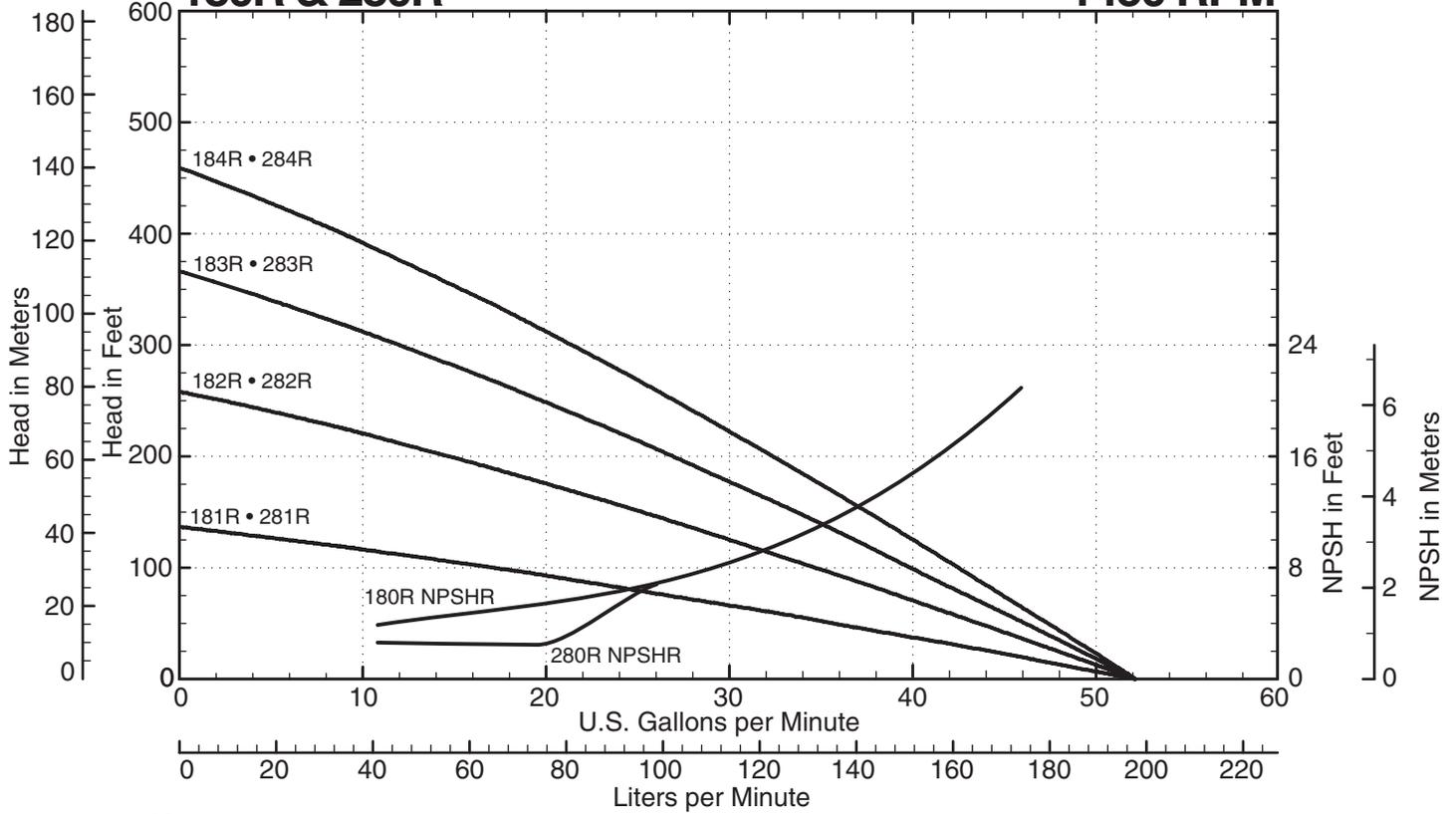
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140 • 240 • 180 • 280 SERIES

Performance Curves 180R & 280R*

1450 RPM



NOTES

- Consult factory for operation below 8 GPM
- *Add 1/2 horsepower for 280 Series models
- **Horsepower data is valid for 1.0 specific gravity fluids only

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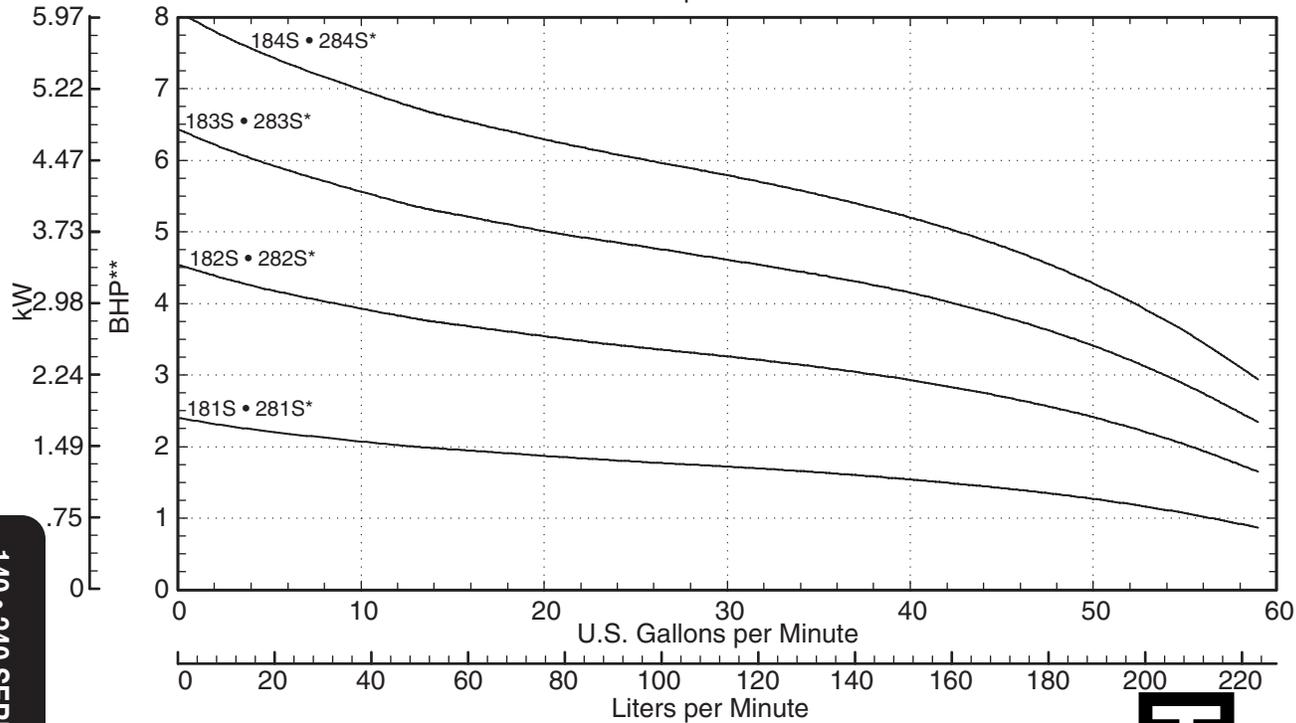
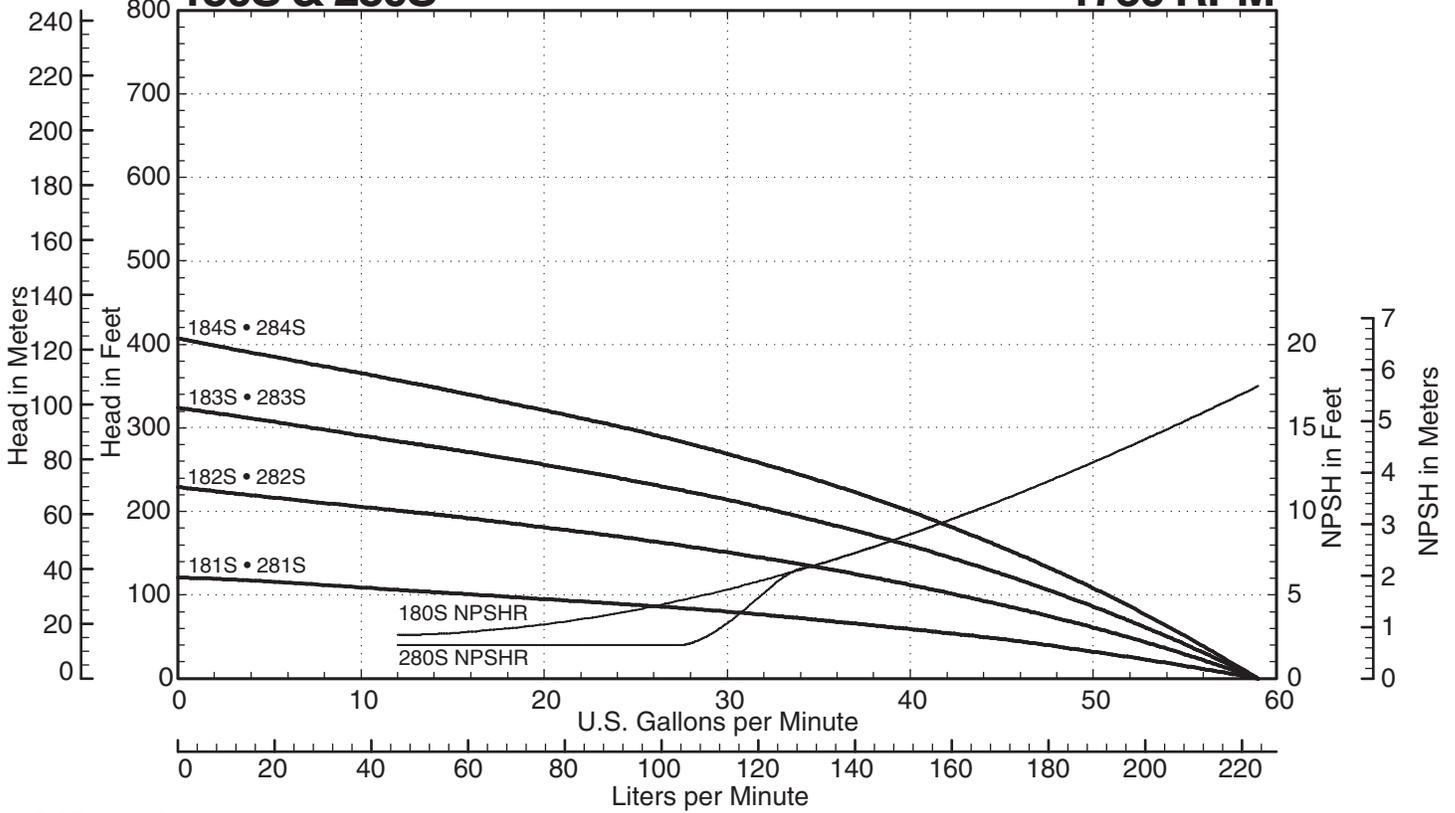
140 • 240 SERIES PUMPS

140 • 240 • 180 • 280 SERIES

Performance Curves

180S & 280S*

1750 RPM



140 • 240 SERIES PUMPS

NOTES

- Consult factory for operation below 10 GPM
- *Add 1/2 horsepower for 280 Series models
- **Horsepower data is valid for 1.0 specific gravity fluids only



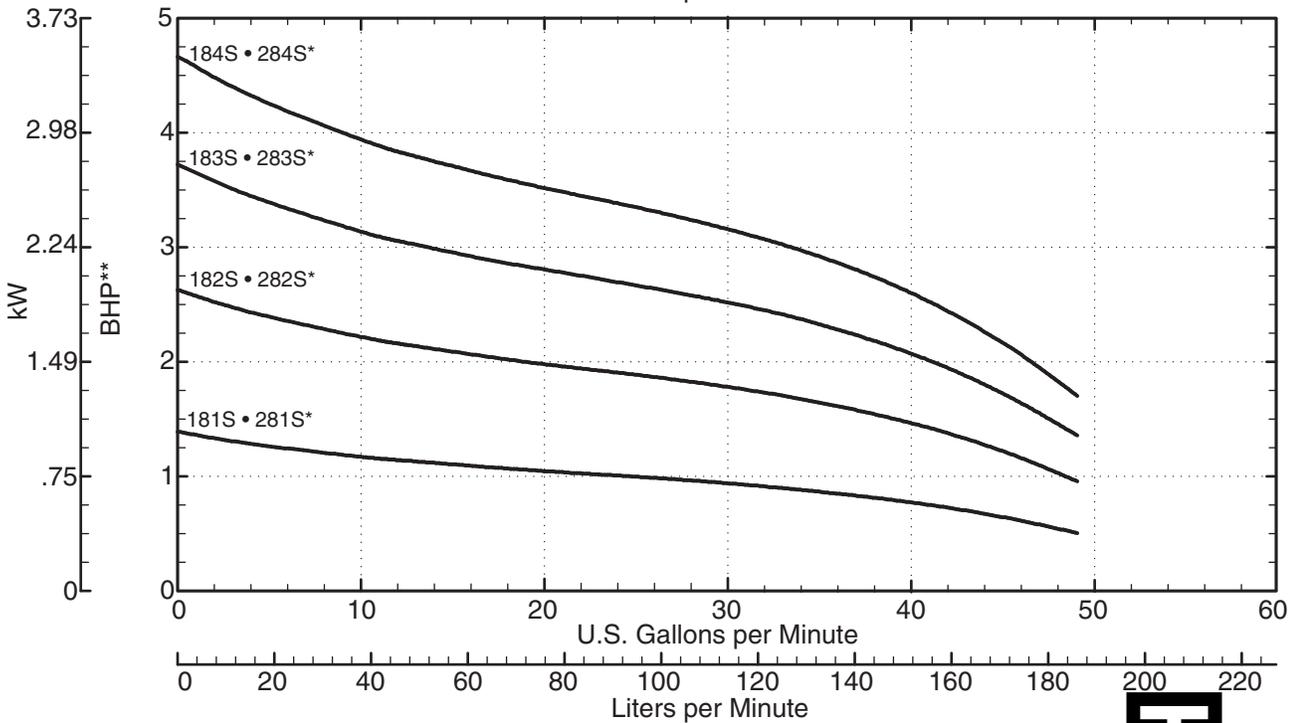
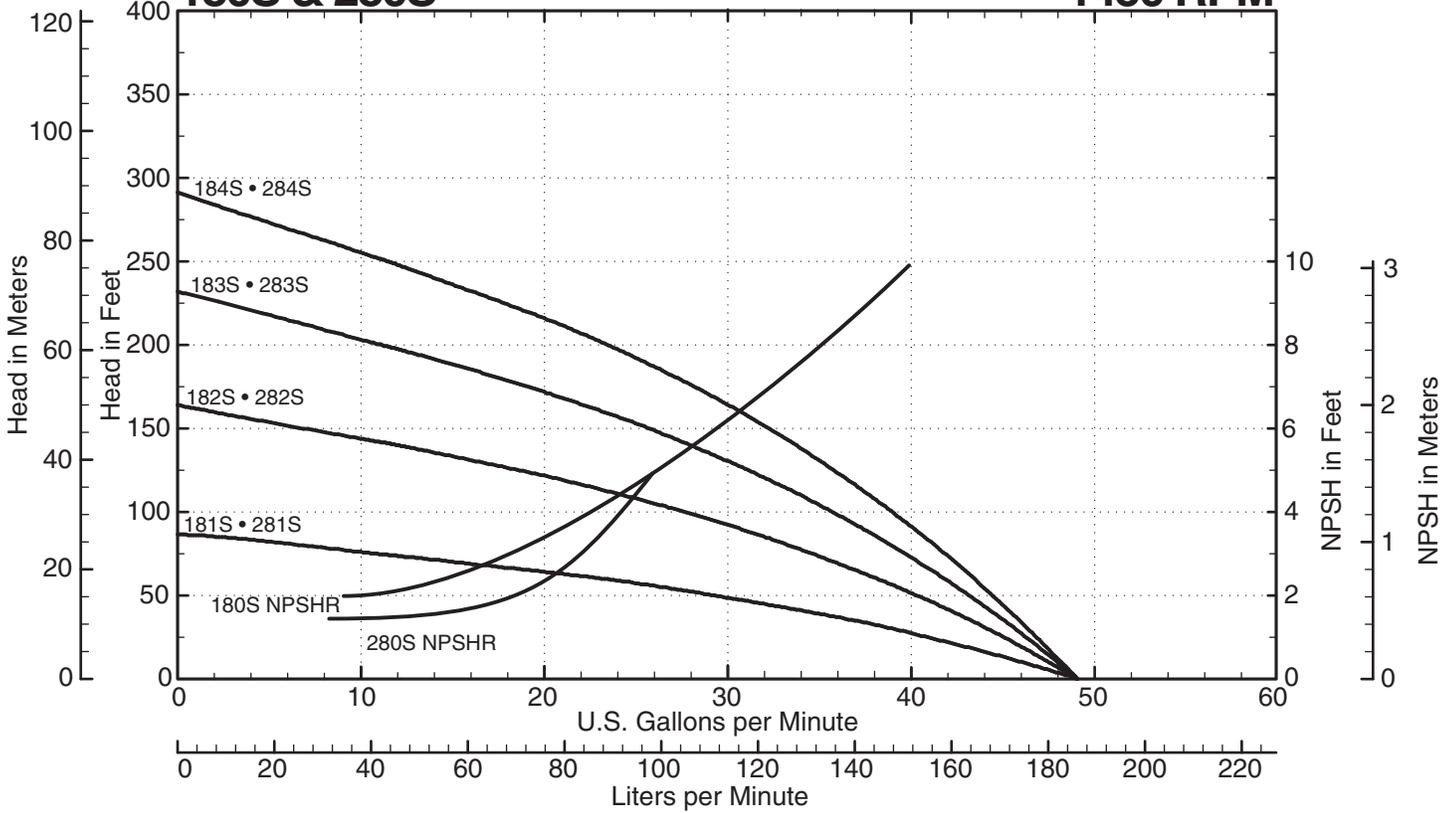
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140 • 240 • 180 • 280 SERIES

Performance Curves 180S & 280S*

1450 RPM



NOTES

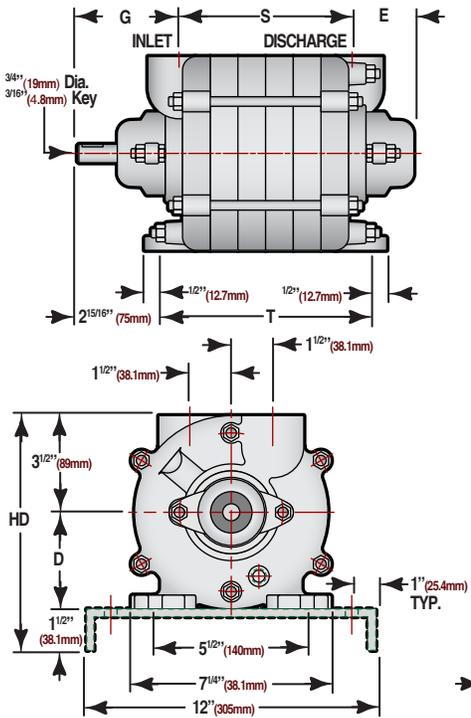
- Consult factory for operation below 10 GPM
- *Add 1/2 horsepower for 280 Series models
- **Horsepower data is valid for 1.0 specific gravity fluids only



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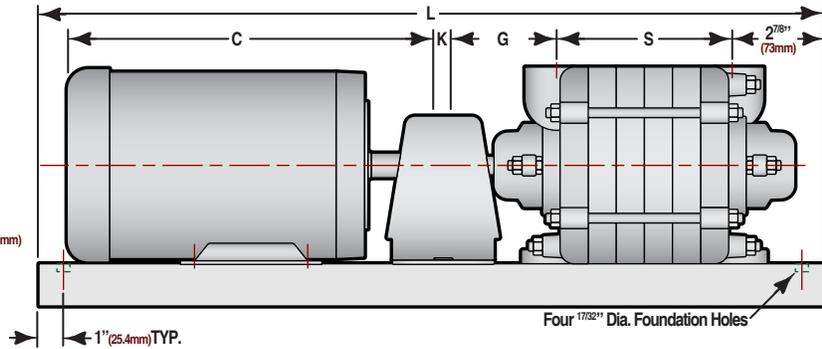
Dimensions



Pump Only Dimensions

PUMP SERIES	INLET	DIS-CHARGE	E	G	S	T
141	1 1/4" NPT	1 1/4" NPT	2 1/8 (54mm)	3 13/16 (97mm)	4 1/4 (108mm)	6 (152mm)
142	1 1/4" NPT	1 1/4" NPT	2 1/8 (54mm)	3 13/16 (97mm)	6 1/4 (159mm)	8 (203mm)
143	1 1/4" NPT	1 1/4" NPT	2 1/8 (54mm)	3 13/16 (97mm)	8 1/4 (210mm)	10 (254mm)
144	1 1/4" NPT	1 1/4" NPT	2 1/8 (54mm)	3 13/16 (97mm)	10 1/4 (260mm)	12 (305mm)
181	1 1/2" NPT	1 1/2" NPT	2 1/4 (57mm)	3 13/16 (97mm)	5 1/2 (140mm)	7 (178mm)
182	1 1/2" NPT	1 1/2" NPT	2 1/4 (57mm)	3 13/16 (97mm)	8 1/2 (216mm)	10 (254mm)
183	1 1/2" NPT	1 1/2" NPT	2 1/4 (57mm)	3 13/16 (97mm)	11 1/2 (292mm)	13 (330mm)
184	1 1/2" NPT	1 1/2" NPT	2 1/4 (57mm)	3 13/16 (97mm)	14 1/2 (368mm)	16 (406mm)

ROTATION: Clockwise when viewed from driver end.



140 Series Flex Coupled Pump Dimensions

FRAME	CPLG	ALL 140 MODELS				MODEL 141		MODEL 142		MODEL 143		MODEL 144	
		K	D	HD	C	S	L	S	L	S	L	S	L
56	3J	3/8 (9.5mm)	3 1/2 (89mm)	8 1/2 (216mm)	12 (305mm)	4 1/4 (108mm)	24 (610mm)	6 1/4 (159mm)	26 (660mm)	8 1/4 (210mm)	28 (368mm)	10 1/4 (260mm)	30 (762mm)
143T	4J	5/8 (16mm)	3 1/2 (89mm)	8 1/2 (216mm)	13 (330mm)	4 1/4 (108mm)	26 (660mm)	6 1/4 (159mm)	28 (368mm)	8 1/4 (210mm)	30 (762mm)	10 1/4 (260mm)	32 (813mm)
145T	4J	5/8 (16mm)	3 1/2 (89mm)	8 1/2 (216mm)	14 (356mm)	4 1/4 (108mm)	26 (660mm)	6 1/4 (159mm)	28 (368mm)	8 1/4 (210mm)	30 (762mm)	10 1/4 (260mm)	32 (813mm)
182T	5J	3/4 (19mm)	4 1/2 (114mm)	9 1/2 (241mm)	16 (406mm)	4 1/4 (108mm)	28 (368mm)	6 1/4 (159mm)	30 (762mm)	8 1/4 (210mm)	32 (813mm)	10 1/4 (260mm)	35 (889mm)
184T	5J	3/4 (19mm)	4 1/2 (114mm)	9 1/2 (241mm)	17 (432mm)	---	---	6 1/4 (159mm)	30 (762mm)	8 1/4 (210mm)	32 (813mm)	10 1/4 (260mm)	35 (889mm)
213T	6J	7/8 (22mm)	5 1/4 (133mm)	10 1/4 (260mm)	19 (483mm)	---	---	---	---	8 1/4 (210mm)	35 (889mm)	10 1/4 (260mm)	40 (1016mm)
215T	6J	7/8 (22mm)	5 1/4 (133mm)	10 1/4 (260mm)	20 (508mm)	---	---	---	---	---	---	10 1/4 (260mm)	40 (1016mm)

180 Series Flex Coupled Pump Dimensions

FRAME	CPLG	ALL 180 MODELS				MODEL 181		MODEL 182		MODEL 183		MODEL 184	
		K	D	HD	C	S	L	S	L	S	L	S	L
56	3J	3/8 (9.5mm)	3 1/2 (89mm)	8 1/2 (216mm)	12 (305mm)	5 1/2 (140mm)	26 (660mm)	8 1/2 (216mm)	28 (368mm)	11 1/2 (292mm)	30 (762mm)	14 1/2 (368mm)	35 (889mm)
143T	4J	5/8 (16mm)	3 1/2 (89mm)	8 1/2 (216mm)	13 (330mm)	5 1/2 (140mm)	26 (660mm)	8 1/2 (216mm)	30 (762mm)	11 1/2 (292mm)	32 (813mm)	14 1/2 (368mm)	35 (889mm)
145T	4J	5/8 (16mm)	3 1/2 (89mm)	8 1/2 (216mm)	14 (356mm)	5 1/2 (140mm)	26 (660mm)	8 1/2 (216mm)	30 (762mm)	11 1/2 (292mm)	32 (813mm)	14 1/2 (368mm)	35 (889mm)
182T	5J	3/4 (19mm)	4 1/2 (114mm)	9 1/2 (241mm)	16 (406mm)	5 1/2 (140mm)	28 (368mm)	8 1/2 (216mm)	32 (813mm)	11 1/2 (292mm)	35 (889mm)	14 1/2 (368mm)	40 (1016mm)
184T	5J	3/4 (19mm)	4 1/2 (114mm)	9 1/2 (241mm)	17 (432mm)	5 1/2 (140mm)	28 (368mm)	8 1/2 (216mm)	32 (813mm)	11 1/2 (292mm)	35 (889mm)	14 1/2 (368mm)	40 (1016mm)
213T	6J	7/8 (22mm)	5 1/4 (133mm)	10 1/4 (260mm)	19 (483mm)	---	---	8 1/2 (216mm)	35 (889mm)	11 1/2 (292mm)	40 (1016mm)	14 1/2 (368mm)	45 (1143mm)
215T	6J	7/8 (22mm)	5 1/4 (133mm)	10 1/4 (260mm)	20 (508mm)	---	---	8 1/2 (216mm)	35 (889mm)	11 1/2 (292mm)	40 (1016mm)	14 1/2 (368mm)	45 (1143mm)

140 • 240 SERIES PUMPS

NOTES

All dimensions in inches. May vary ± 1/4 inches.
 °C Dimension varies depending on motor enclosure type. Max Dimension Listed
 Not for construction purposes unless certified.
 ROTATION: Clockwise when viewed from driver end.



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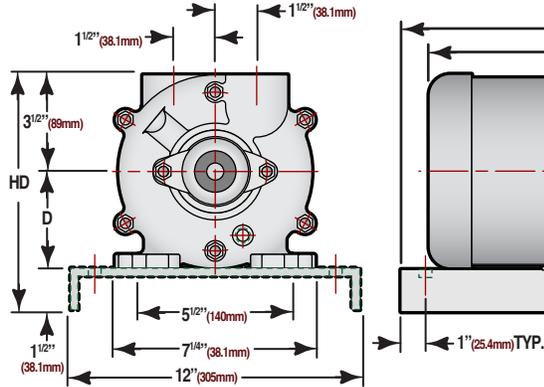
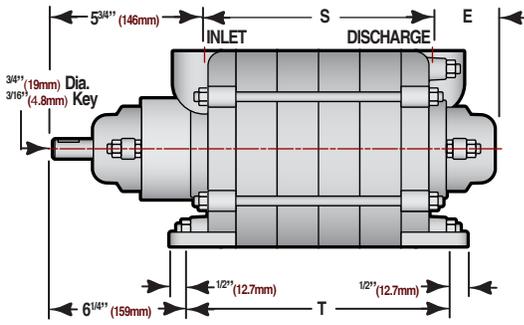
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WARNING:
 CANCER AND REPRODUCTIVE HARM
 WWW.P65WARNINGS.CA.GOV

140 • 240 • 180 • 280 SERIES

Dimensions



Pump Only Dimensions

PUMP SERIES	INLET	DIS-CHARGE	E	S	T
241	1 1/2" NPT	1 1/4" NPT	2 1/8 (54mm)	5 5/8 (143mm)	6 (152mm)
242	1 1/2" NPT	1 1/4" NPT	2 1/8 (54mm)	7 5/8 (194mm)	8 (203mm)
243	1 1/2" NPT	1 1/4" NPT	2 1/8 (54mm)	9 5/8 (245mm)	10 (254mm)
244	1 1/2" NPT	1 1/4" NPT	2 1/8 (54mm)	11 5/8 (295mm)	12 (305mm)
281	1 1/2" NPT	1 1/2" NPT	2 1/4 (57mm)	6 5/8 (168mm)	7 (178mm)
282	1 1/2" NPT	1 1/2" NPT	2 1/4 (57mm)	9 5/8 (245mm)	10 (254mm)
283	1 1/2" NPT	1 1/2" NPT	2 1/4 (57mm)	12 5/8 (321mm)	13 (330mm)
284	1 1/2" NPT	1 1/2" NPT	2 1/4 (57mm)	15 5/8 (397mm)	16 (406mm)

ROTATION: Clockwise when viewed from driver end.

240 Series Flex Coupled Pump Dimensions

FRAME	CPLG	ALL 240 MODELS				MODEL 241		MODEL 242		MODEL 243		MODEL 244	
		K	D	HD	C	S	L	S	L	S	L	S	L
56	3J	3/8 (9.5mm)	3 1/2 (89mm)	8 1/2 (216mm)	12 (305mm)	5 5/8 (143mm)	28 (368mm)	7 5/8 (194mm)	30 (762mm)	9 5/8 (245mm)	32 (813mm)	11 5/8 (295mm)	35 (889mm)
143T	4J	5/8 (16mm)	3 1/2 (89mm)	8 1/2 (216mm)	13 (330mm)	5 5/8 (143mm)	28 (368mm)	7 5/8 (194mm)	30 (762mm)	9 5/8 (245mm)	32 (813mm)	11 5/8 (295mm)	35 (889mm)
145T	4J	5/8 (16mm)	3 1/2 (89mm)	8 1/2 (216mm)	14 (356mm)	5 5/8 (143mm)	28 (368mm)	7 5/8 (194mm)	30 (762mm)	9 5/8 (245mm)	32 (813mm)	11 5/8 (295mm)	35 (889mm)
182T	5J	3/4 (19mm)	4 1/2 (114mm)	9 1/2 (241mm)	16 (406mm)	5 5/8 (143mm)	32 (813mm)	7 5/8 (194mm)	35 (889mm)	9 5/8 (245mm)	35 (889mm)	11 5/8 (295mm)	38 (965mm)
184T	5J	3/4 (19mm)	4 1/2 (114mm)	9 1/2 (241mm)	17 (432mm)	5 5/8 (143mm)	32 (813mm)	7 5/8 (194mm)	35 (889mm)	9 5/8 (245mm)	35 (889mm)	11 5/8 (295mm)	38 (965mm)
213T	6J	7/8 (22mm)	5 1/4 (133mm)	10 1/4 (260mm)	19 (483mm)	5 5/8 (143mm)	35 (889mm)	7 5/8 (194mm)	40 (1016mm)	9 5/8 (245mm)	40 (1016mm)	11 5/8 (295mm)	40 (1016mm)
215T	6J	7/8 (22mm)	5 1/4 (133mm)	10 1/4 (260mm)	20 (508mm)	5 5/8 (143mm)	35 (889mm)	7 5/8 (194mm)	40 (1016mm)	9 5/8 (245mm)	40 (1016mm)	11 5/8 (295mm)	40 (1016mm)

280 Series Flex Coupled Pump Dimensions

FRAME	CPLG	ALL 280 MODELS				MODEL 281		MODEL 282		MODEL 283		MODEL 284	
		K	D	HD	C	S	L	S	L	S	L	S	L
56	3J	3/8 (9.5mm)	3 1/2 (89mm)	8 1/2 (216mm)	12 (305mm)	6 5/8 (168mm)	28 (368mm)	9 5/8 (245mm)	32 (813mm)	12 5/8 (321mm)	35 (889mm)	15 5/8 (397mm)	38 (965mm)
143T	4J	5/8 (16mm)	3 1/2 (89mm)	8 1/2 (216mm)	13 (330mm)	6 5/8 (168mm)	30 (762mm)	9 5/8 (245mm)	32 (813mm)	12 5/8 (321mm)	35 (889mm)	15 5/8 (397mm)	38 (965mm)
145T	4J	5/8 (16mm)	3 1/2 (89mm)	8 1/2 (216mm)	14 (356mm)	6 5/8 (168mm)	30 (762mm)	9 5/8 (245mm)	32 (813mm)	12 5/8 (321mm)	35 (889mm)	15 5/8 (397mm)	38 (965mm)
182T	5J	3/4 (19mm)	4 1/2 (114mm)	9 1/2 (241mm)	16 (406mm)	6 5/8 (168mm)	32 (813mm)	9 5/8 (245mm)	35 (889mm)	12 5/8 (321mm)	38 (965mm)	15 5/8 (397mm)	45 (1143mm)
184T	5J	3/4 (19mm)	4 1/2 (114mm)	9 1/2 (241mm)	17 (432mm)	6 5/8 (168mm)	32 (813mm)	9 5/8 (245mm)	35 (889mm)	12 5/8 (321mm)	38 (965mm)	15 5/8 (397mm)	45 (1143mm)
213T	6J	7/8 (22mm)	5 1/4 (133mm)	10 1/4 (260mm)	19 (483mm)	6 5/8 (168mm)	35 (889mm)	9 5/8 (245mm)	40 (1016mm)	12 5/8 (321mm)	45 (1143mm)	15 5/8 (397mm)	45 (1143mm)
215T	6J	7/8 (22mm)	5 1/4 (133mm)	10 1/4 (260mm)	20 (508mm)	6 5/8 (168mm)	35 (889mm)	9 5/8 (245mm)	40 (1016mm)	12 5/8 (321mm)	45 (1143mm)	15 5/8 (397mm)	45 (1143mm)

NOTES

All dimensions in inches. May vary ± 1/4 inches.
 *C Dimension varies depending on motor enclosure type. Max Dimension Listed
 Not for construction purposes unless certified.
 ROTATION: Clockwise when viewed from driver end.



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