

SubDrive



QUICKPAK
NEMA 3R ENCLOSURES

QUICKPAK NEMA 3R ENCLOSURES

SubDrive QuickPAK 2

Features & Applications.....2

Model Nomenclature & Ordering Information3

7 GPM4

10 GPM.....7

15 GPM.....10

20 GPM.....13

25 GPM.....16

35 GPM.....19

60 GPM.....22

90 GPM.....23

3-Wire QuickPAK..... 24

Model Nomenclature & Ordering Information24

5 GPM.....25

7 GPM.....28

10 GPM.....31

15 GPM.....36

20 GPM.....41

25 GPM.....45

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SUBDRIVE QUICKPAK - FEATURES & APPLICATIONS

The SubDrive and MonoDrive QuickPAK is a popular system-solution package designed to simplify the installation of a constant pressure system. This all-in-one package comes available with an extended warranty for the pump, motor, and drive, and features durable NEMA 3R enclosures for added security.

FEATURES

- Motor, pump, and drive all in one package
- Selection based on flow and total dynamic head
- NEMA 3R drive enclosures
- Excellent radio frequency interference shielding
- User-defined motor frequency range and underload off-time
- Extended warranty available for QuickPAK components
- Soft-start feature prevents water hammer and increases motor life
- Works with small or large pressure tanks, including an existing tank
- FE Connect mobile app for advanced settings and monitoring
- Built-in diagnostic features and protection from potentially harmful conditions, including surge, underload, undervoltage, locked pump, open circuit, short circuit, overheated controller, and broken pipe
- Flow rates of 7–90 gpm for SubDrive QuickPAK and 5–25 gpm for MonoDrive (3-Wire) QuickPAK
- Single-phase input power, with three-phase motor performance using 1.5–3 hp motors for SubDrive QuickPAK and single-phase motor performance using 0.5–2 hp motors for MonoDrive (3-Wire) QuickPAK

APPLICATIONS

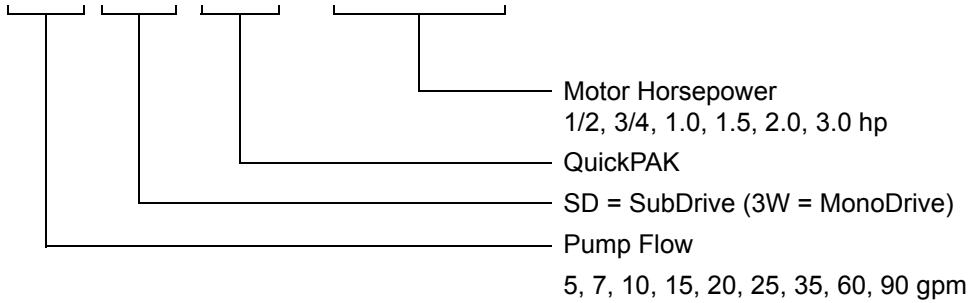
- Residential water systems
- Landscape irrigation systems
- Water treatment systems
- Geothermal systems
- Constant pressure boosting



SUBDRIVE QUICKPAK - MODEL NOMENCLATURE & ORDERING INFORMATION

MODEL NOMENCLATURE

XX SD QP - X.XHP



Examples:

90SDQP-3.0HP = 90 gpm, SubDrive QuickPAK, 3 hp

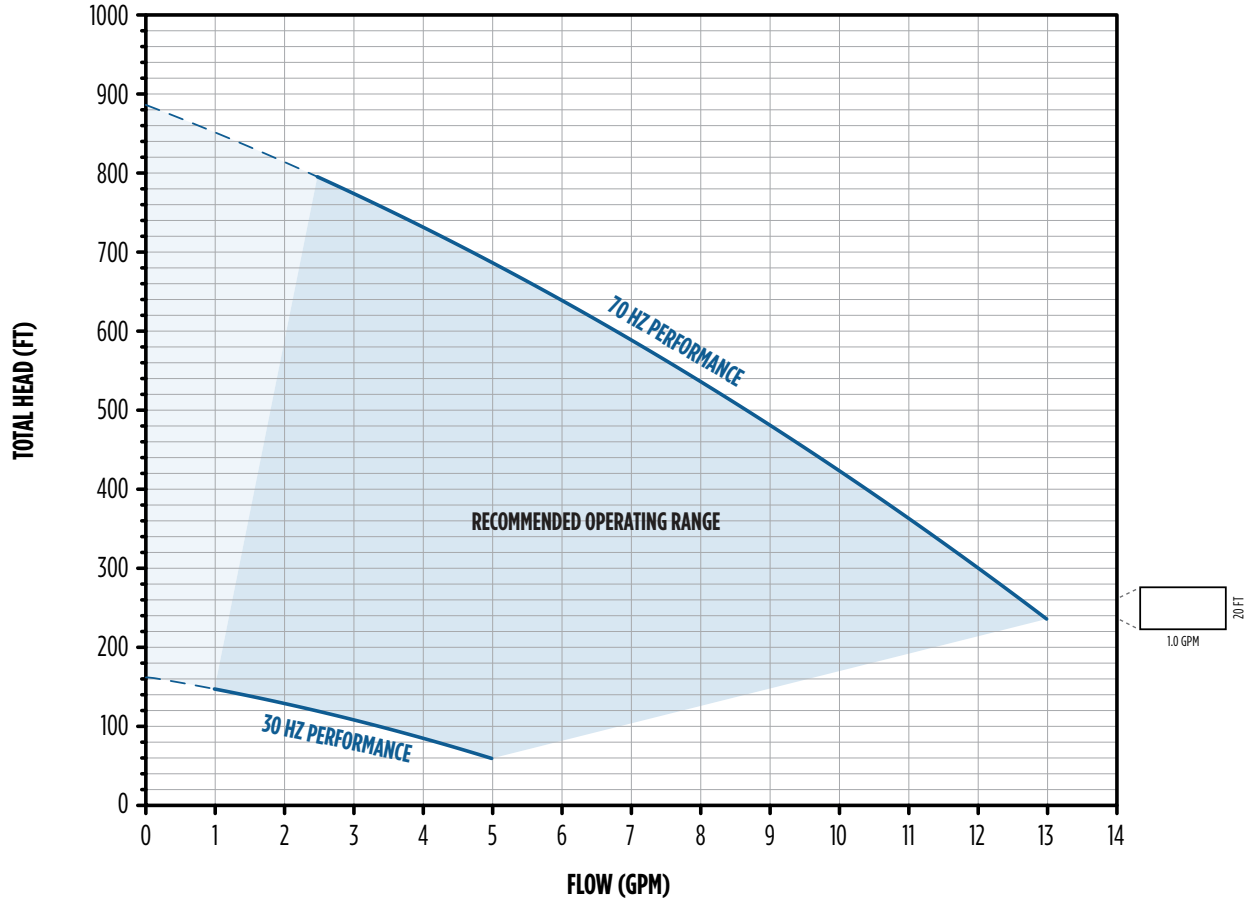
ORDERING INFORMATION

QuickPAK			SubDrive		Pump			Motor			
Order No.	Model No.	GPM	Drive Type	Part No.	HP	GPM	Design	Hydraulics	Part No.	HP	Part No.
93805224	7SDQP-1.5HP-3R	7	SD15	5870205103	3/4	7	SS	3200	93870707	1.5	23451492S
93805425	7SDQP-2.0HP-3R	7	SD20	5870205303	1	7		3200	93870710	2	23431592S
93805526	7SDQP-3.0HP-3R	7	SD30	5870205403	1.5	7		3200	93870715	3	23431626
93805234	10SDQP-1.5HP-3R	10	SD15	5870205103	3/4	10		DS-10	93871006	1.5	23451492S
93805435	10SDQP-2.0HP-3R	10	SD20	5870205303	1	10		DS-10	93871009	2	23431592S
93805536	10SDQP-3.0HP-3R	10	SD30	5870205403	2	10		Tri-Seal	93871020	3	23431626
93805244	15SDQP-1.5HP-3R	15	SD15	5870205103	3/4	15		Tri-Seal	93871507	1.5	23451492S
93805445	15SDQP-2.0HP-3R	15	SD20	5870205303	1	15		Tri-Seal	93871510	2	23431592S
93805546	15SDQP-3.0HP-3R	15	SD30	5870205403	1.5	15		Tri-Seal	93871515	3	23431626
93805254	20SDQP-1.5HP-3R	20	SD15	5870205103	1	20		Tri-Seal	93872010	1.5	23451492S
93805455	20SDQP-2.0HP-3R	20	SD20	5870205303	1	20		Tri-Seal	93872010	2	23431592S
93805556	20SDQP-3.0HP-3R	20	SD30	5870205403	2	20		Tri-Seal	93872020	3	23431626
93805264	25SDQP-1.5HP-3R	25	SD15	5870205103	1	25		Tri-Seal	93872510	1.5	23451492S
93805465	25SDQP-2.0HP-3R	25	SD20	5870205303	1	25		Tri-Seal	93872510	2	23431592S
93805566	25SDQP-3.0HP-3R	25	SD30	5870205403	1.5	25		Tri-Seal	93872515	3	23431626
93805274 (a)	35SDQP-1.5HP-3R	35	SD15	5870205103	1	35		Noryl	93873510	1.5	23451492S
93805475 (a)	35SDQP-2.0HP-3R	35	SD20	5870205303	1	35		Noryl	93873510	2	23431592S
93805576 (a)	35SDQP-3.0HP-3R	35	SD30	5870205403	1.5	35		Noryl	93873515	3	23431626
93805586 (a)	60SDQP-3.0HP-3R	60	SD30	5870205403	2	60		Noryl	93876020	3	23431626
93805596 (a)	90SDQP-3.0HP-3R	90	SD30	5870205403	2	90		Noryl	93879020	3	23431626

Note (a): High-capacity pumps, 35 gpm and higher, in a QuickPAK are not supplied with an internal check valve.

SD15 7 GPM (0.75 HP PUMP END, 1.5 HP MOTOR)

7SDQP-1.5HP-3R

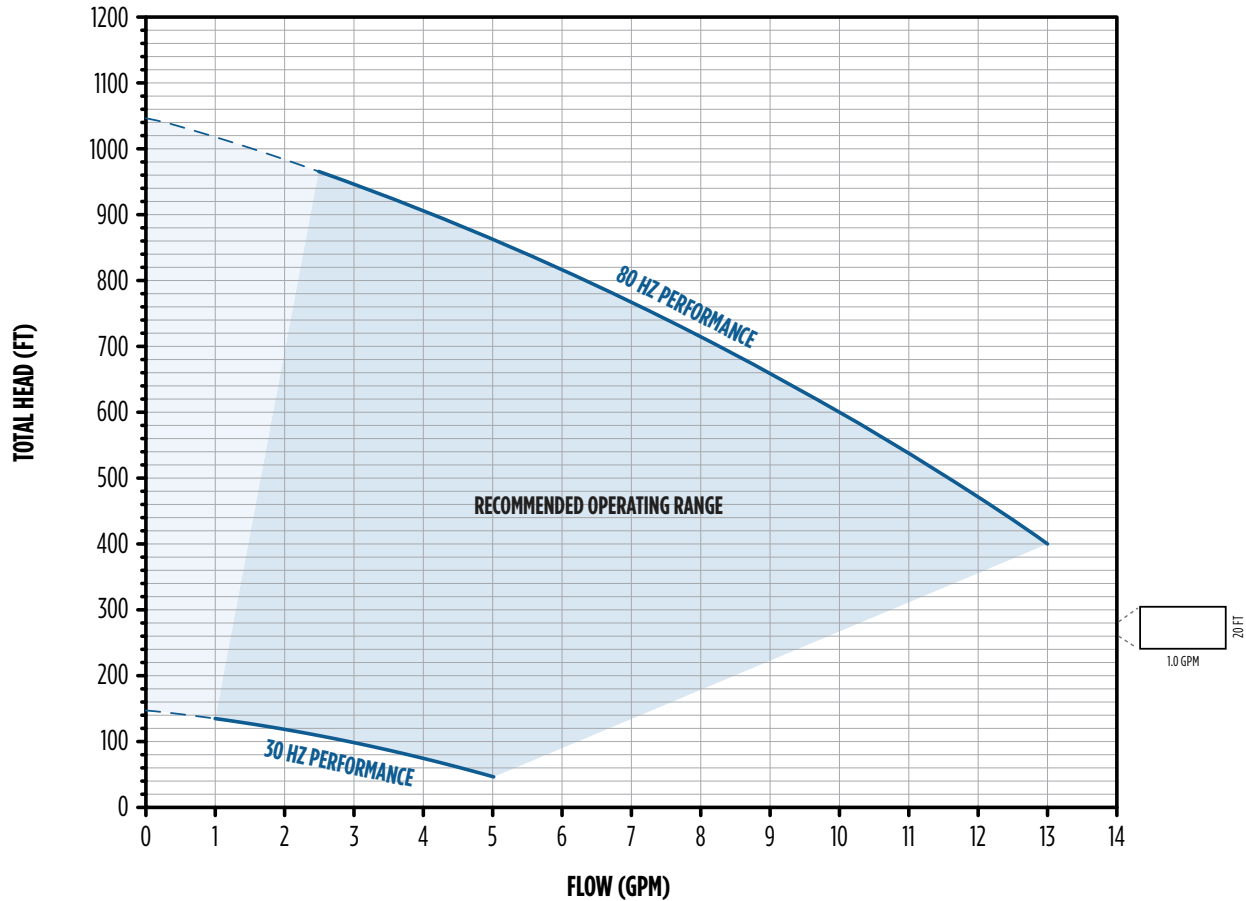


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																									
		0	20	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	500	550	600	650	700	750	800	850
1.5	0														11	10	10	9	9	8	7	6	5	4	2	1	
	10														11	10	9	9	8	7	6	5	4	3	2	0	
	20													11	10	10	9	8	8	7	6	5	4	2	1	0	
	30													11	10	9	8	8	7	6	5	4	3	2	0		
	40												11	10	10	9	8	7	7	6	5	4	3	1	0		
	50											11	10	10	9	8	8	7	6	5	4	3	2	1	0		
	60										11	11	10	10	9	9	8	7	6	5	4	3	1	0			
	70										11	11	10	10	9	8	8	7	6	5	4	3	2	1	0		
80									11	11	11	10	9	9	8	7	6	5	4	3	1	0					
Shut-off psi		374	365	356	348	339	330	322	313	304	296	287	270	252	235	218	200	183	166	157	135	114	92	71	49	27	6

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

SD20 7 GPM (1 HP PUMP END, 2 HP MOTOR)

7SDQP-2.0HP-3R

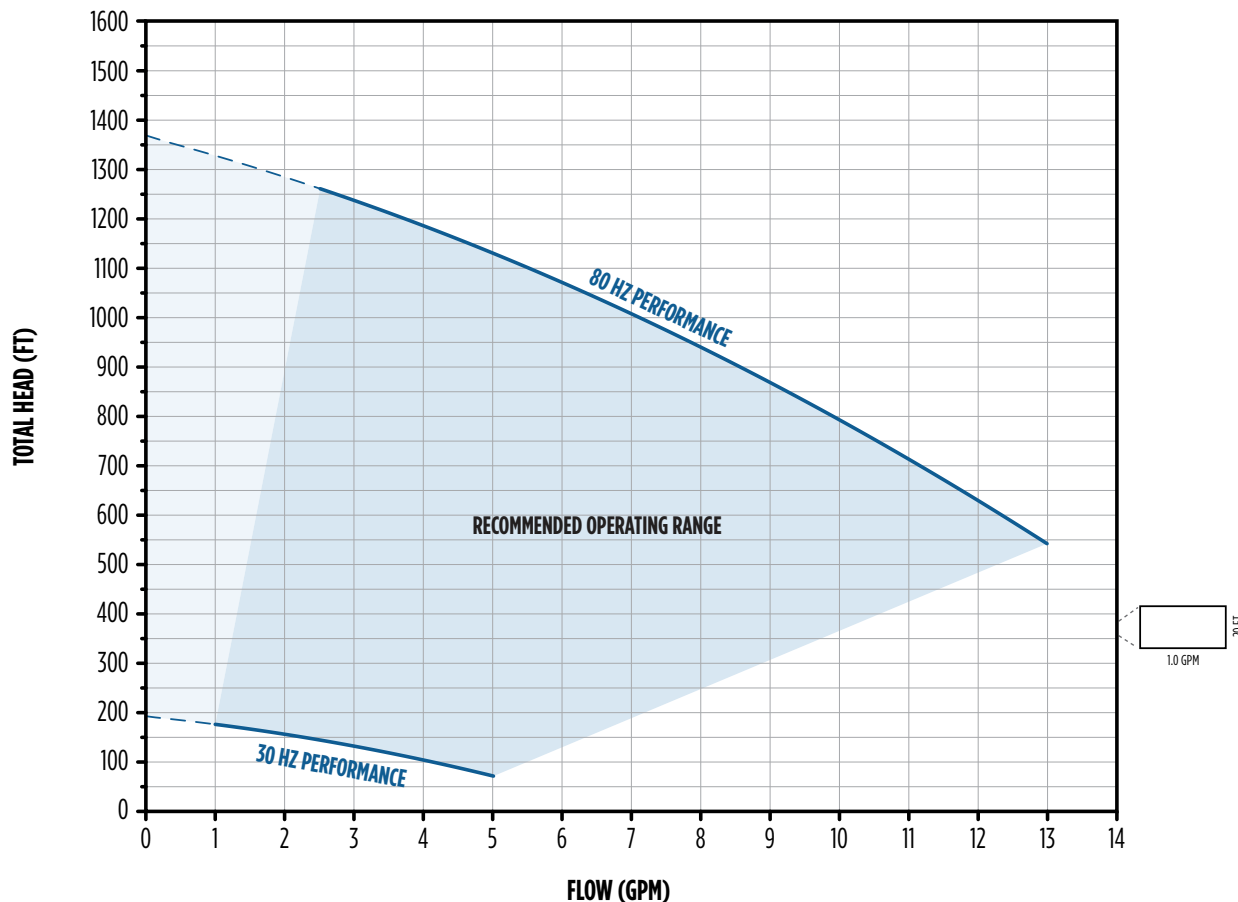


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																												
		0	20	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	500	550	600	650	700	750	800	850	900	950	1000
2	0																				11	10	9	8	7	7	5	4	3	2
	10																				11	10	9	8	7	6	5	4	2	1
	20																			11	10	9	8	8	7	6	4	3	2	0
	30																			11	10	9	8	7	6	5	4	3	1	0
	40																11	10	10	9	9	8	7	6	5	4	3	2	0	
	50																11	10	10	9	9	8	7	6	5	4	3	1	0	
	60																11	10	10	9	9	8	7	6	5	4	3	2	0	
	70																11	10	10	9	9	8	7	6	5	4	3	1	0	
80																11	10	10	9	9	8	7	6	5	3	2	0			
Shut-off psi		435	426	418	409	400	392	383	374	366	357	348	331	314	297	279	262	245	227	219	197	175	154	132	110	89	67	45	24	2

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

SD30 7 GPM (1.5 HP PUMP END, 3 HP MOTOR)

7SDQP-3.0HP-3R

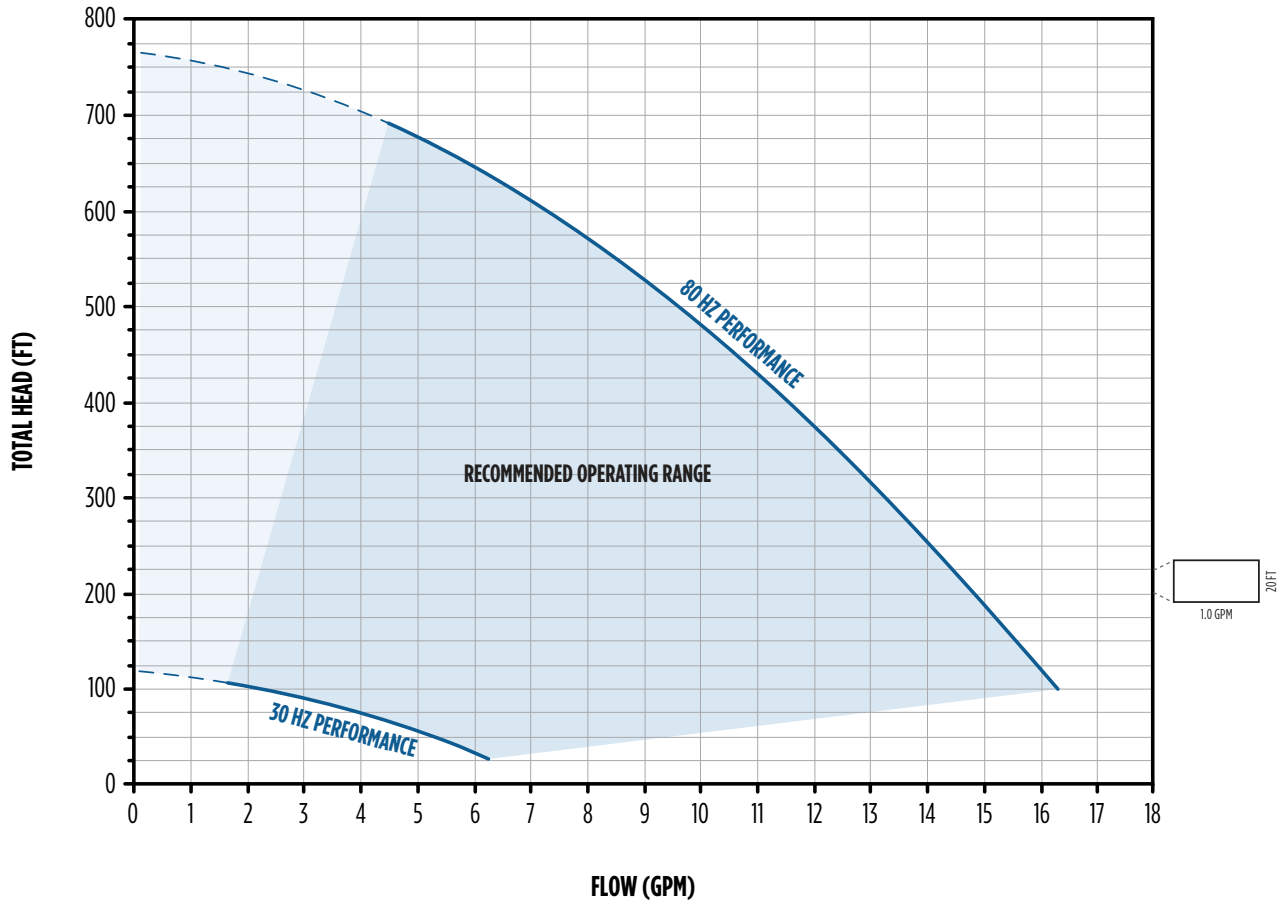


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																																			
		0	20	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	
3	0																								11	10	9	9	8	7	6	6	5	4	3	2	
	10																								11	10	10	9	8	8	7	6	5	4	3	2	1
	20																								11	10	9	9	8	7	6	6	5	4	3	2	1
	30																							11	10	10	9	8	8	7	6	5	4	3	2	1	0
	40																							11	10	9	9	8	7	6	6	5	4	3	2	1	0
	50																							11	10	10	9	8	8	7	6	5	4	3	2	1	0
	60																							11	10	9	9	8	7	7	6	5	4	3	2	1	0
	70																							10	10	9	8	8	7	6	5	4	4	2	1	0	
80																							11	10	9	9	8	7	7	6	5	4	3	2	1	0	
Shut-off psi		558	550	541	532	524	515	506	498	489	481	472	455	437	420	403	385	368	351	342	320	299	277	255	234	212	190	169	147	126	104	82	61	39	17	0	

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

SD15 10 GPM (0.75 HP PUMP END, 1.5 HP MOTOR)

10SDQP-1.5HP-3R

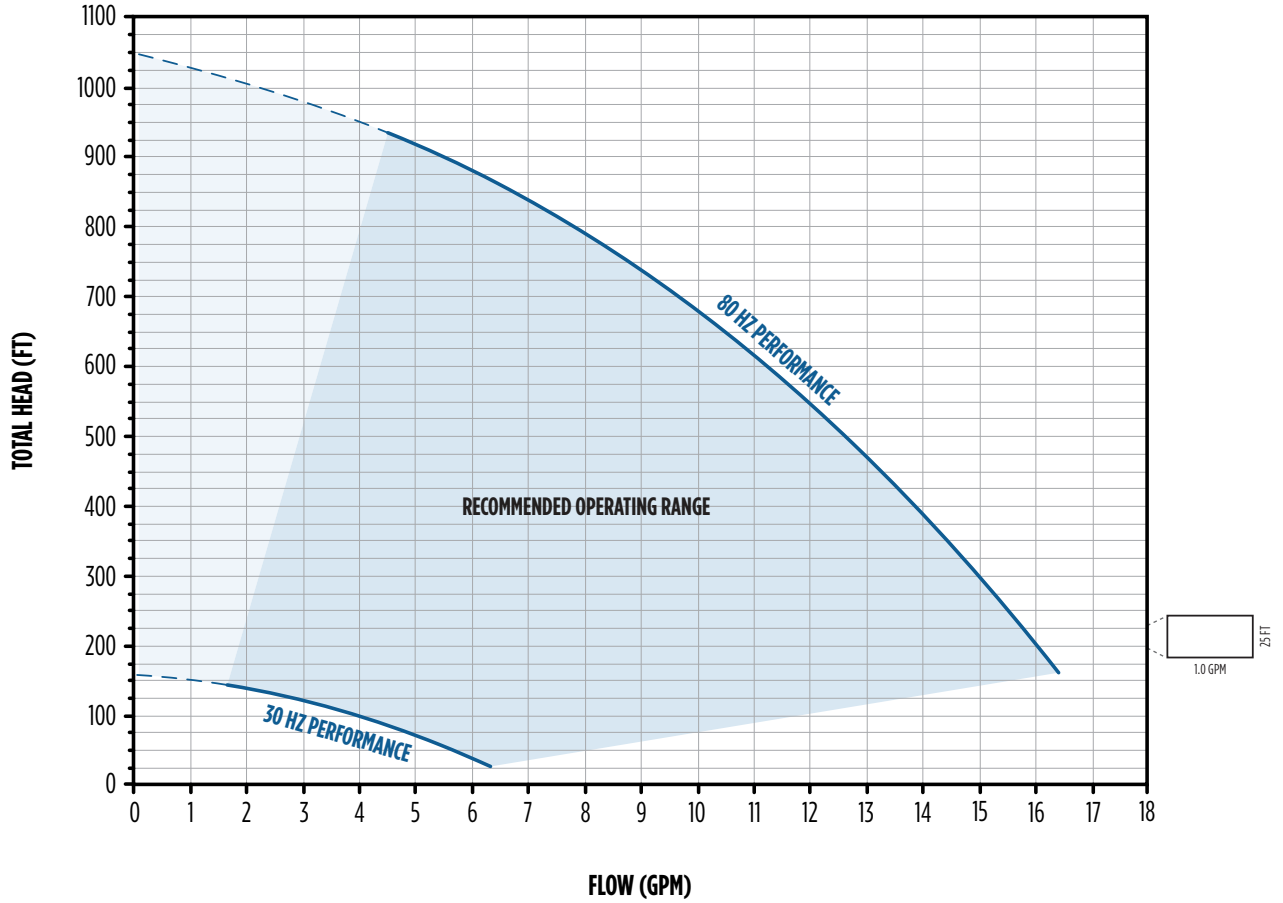


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																		
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550	600	650
1.5	0						16	16	16	15	15	14	13	13	12	11	10	8	7	6
	10					16	16	16	15	15	15	14	13	12	11	10	9	8	7	5
	20				16	16	15	15	15	15	14	13	12	11	10	9	7	6		
	30		16	16	16	15	15	15	14	14	14	13	12	11	10	9	8	7	5	
	40	16	16	16	15	15	15	14	14	14	13	13	12	11	10	9	7	6		
	50	16	16	15	15	15	14	14	14	13	13	12	11	10	9	8	7	6		
	60	16	15	15	15	14	14	14	13	13	13	12	11	10	9	8	6	5		
	70	15	15	15	14	14	14	13	13	13	12	11	10	9	8	7	6			
	80	15	15	14	14	14	13	13	13	12	12	11	10	9	8	6	5			
	90	15	14	14	14	13	13	13	12	12	11	11	9	8	7	6				
	100	14	14	14	13	13	12	12	12	11	11	10	9	8	6	5				
	110	14	13	13	13	12	12	12	11	11	11	9	8	7	6					
	120	13	13	13	12	12	12	11	11	11	10	9	8	7	5					
	130	13	13	12	12	12	11	11	10	10	10	8	7	6						
	140	13	12	12	12	11	11	10	10	10	9	8	7	5						
	150	12	12	12	11	11	10	10	9	9	9	7	6							
160	12	11	11	11	10	10	9	9	8	8	7	5								
Shut-off-psi		323	314	306	297	288	280	271	263	254	245	224	202	180	159	137	115	94	72	50

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

SD20 10 GPM (1 HP PUMP END, 2 HP MOTOR)

10SDQP-2.0HP-3R

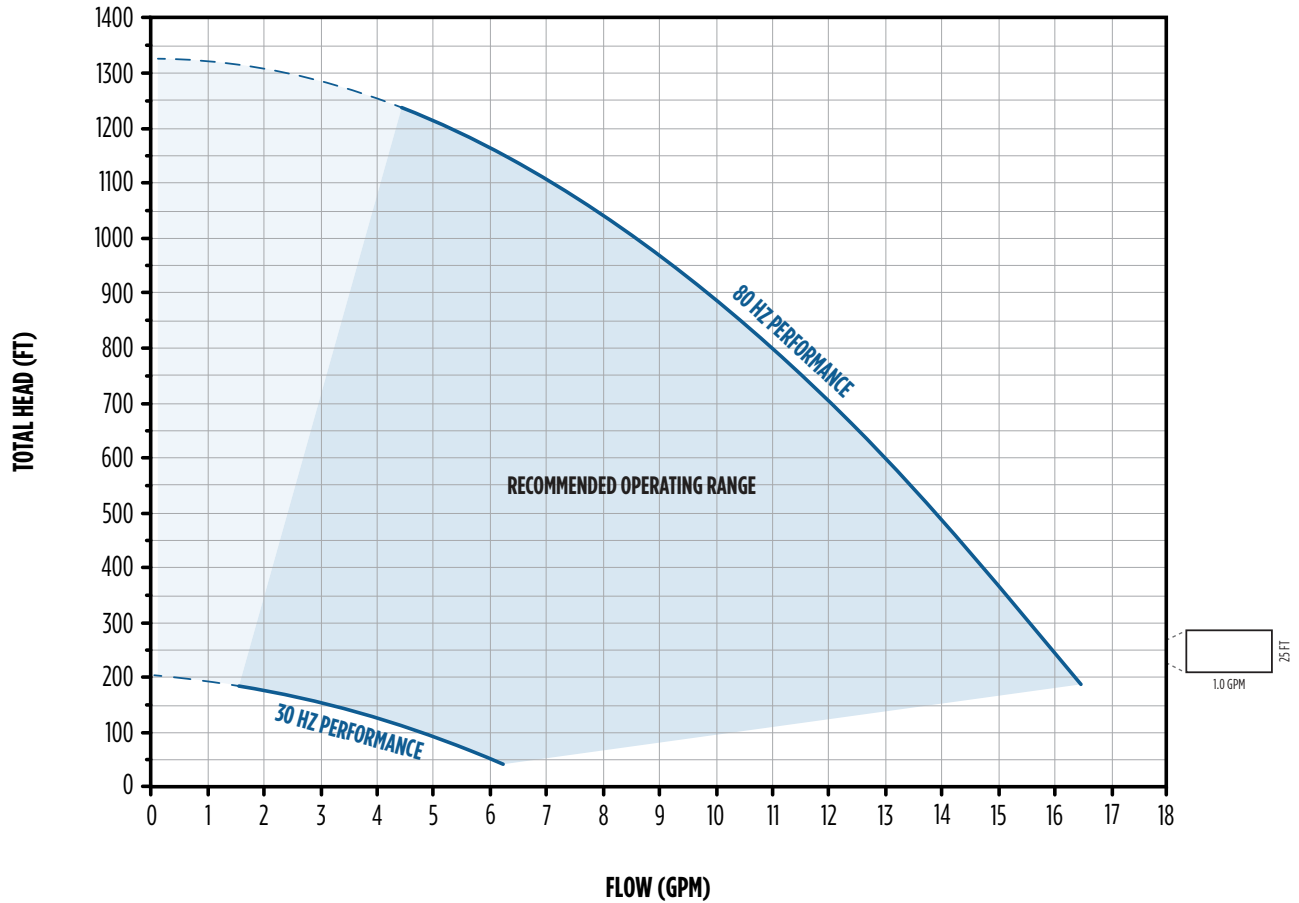


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																											
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900				
2	0										16	16	15	15	14	13	13	12	11	11	10	9	8	7	6				
	10										16	16	16	15	15	14	13	12	12	11	10	9	8	7	6	5			
	20										16	16	16	15	15	14	13	13	12	11	11	10	9	8	7	6			
	30										16	16	16	15	15	14	14	13	12	12	11	10	9	8	7	6	5		
	40										16	16	16	15	15	15	14	13	13	12	11	11	10	9	8	7	6		
	50										16	16	16	15	15	15	14	14	13	13	12	11	10	9	8	7	6	5	
	60										16	16	16	15	15	15	14	14	13	12	12	11	10	9	8	7	6	5	
	70										16	16	16	15	15	15	14	14	13	13	12	11	10	9	9	8	7	6	5
	80										16	16	16	15	15	15	14	14	13	12	12	11	10	9	8	7	6		
	90										16	16	15	15	15	15	14	14	13	13	12	11	10	9	8	7	5		
	100										16	15	15	15	15	15	14	14	14	13	12	12	11	10	9	8	7	6	5
	110										15	15	15	15	14	14	14	14	13	13	12	11	11	10	9	8	7	5	
	120										15	15	15	14	14	14	14	13	13	12	12	11	10	9	8	7	6	5	
	130										15	15	14	14	14	14	13	13	13	12	11	11	10	9	8	7	6		
	140										15	14	14	14	14	14	13	13	13	12	12	11	10	9	8	7	6	5	
	150										14	14	14	14	13	13	13	13	12	12	11	11	10	9	8	7	6		
	160										14	14	14	13	13	13	13	12	12	11	11	10	9	8	7	6	5		
Shut-off-psi		445	436	428	419	410	402	393	385	376	367	346	324	302	281	259	237	216	194	172	151	129	107	86	64				

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

SD30 10 GPM (2 HP PUMP END, 3 HP MOTOR)

10SDQP-3.0HP-3R

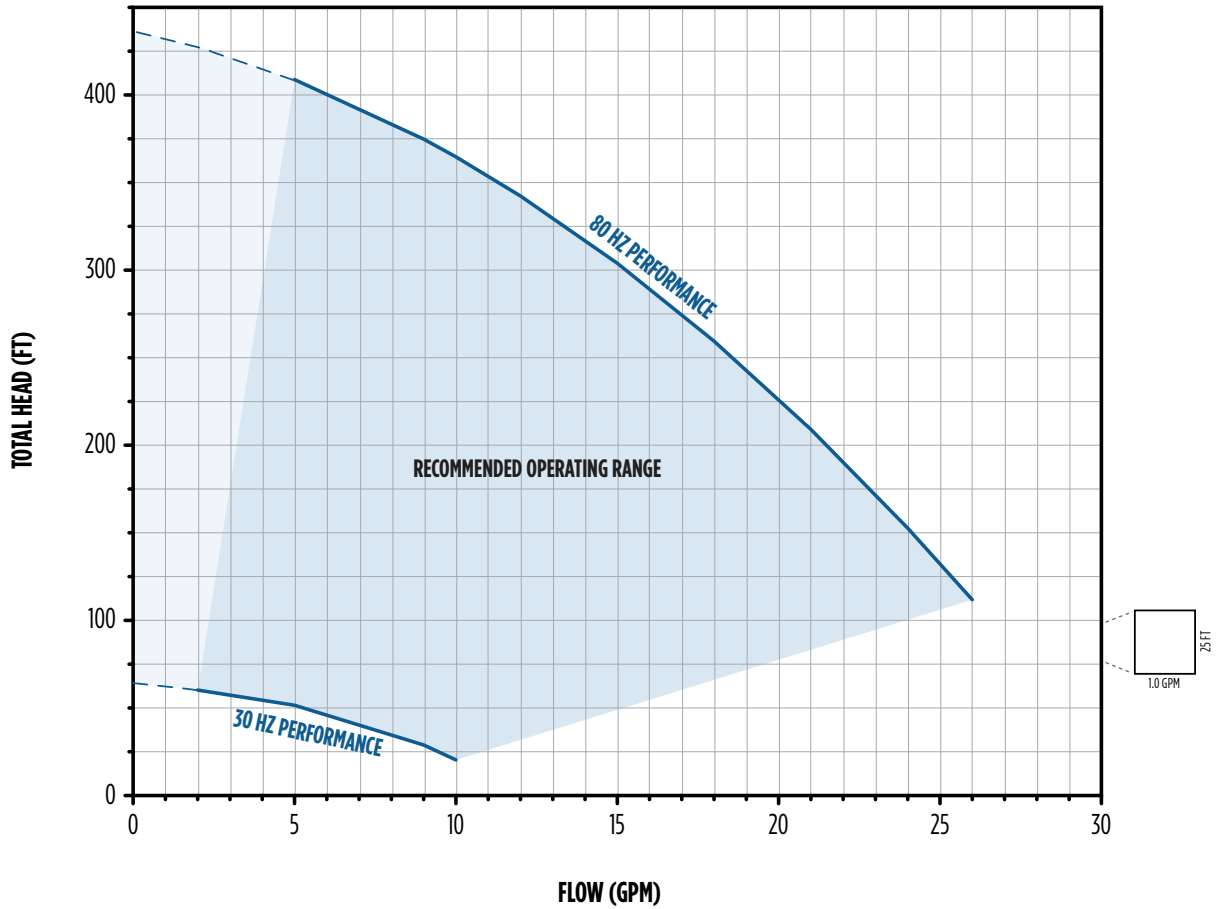


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																													
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
3	0										16	16	15	15	14	14	14	13	13	12	12	11	11	10	9	9	8	7	6	5	
	10									16	16	15	15	14	14	14	13	13	12	12	11	11	10	10	9	8	8	7	6	5	
	20									16	16	16	15	15	14	14	14	13	13	12	12	11	11	10	9	9	8	7	6	5	
	30									16	16	16	16	15	15	14	14	13	13	12	12	11	11	10	10	9	8	8	7	6	5
	40								16	16	16	16	15	15	15	14	14	13	13	12	12	11	11	10	10	9	9	8	7	6	6
	50						16	16	16	16	16	15	15	15	14	14	13	13	12	12	11	11	10	10	9	8	8	7	6	5	
	60					16	16	16	16	16	16	15	15	15	14	14	13	13	12	12	11	11	10	10	9	9	8	7	6	6	
	70				16	16	16	16	16	16	15	15	15	14	14	13	13	12	12	11	11	10	10	9	9	8	8	7	6	5	
	80		16	16	16	16	16	16	15	15	15	15	14	14	14	13	13	12	12	11	11	10	10	9	9	8	7	7	6		
	90	16	16	16	16	16	15	15	15	15	15	14	14	13	13	13	12	12	11	11	10	10	9	9	8	8	7	7	6	5	
	100	16	16	16	16	15	15	15	15	15	15	14	14	13	13	12	12	11	11	10	10	9	9	8	8	7	7	6	5		
	110	16	16	16	15	15	15	15	15	15	14	14	14	13	13	12	12	11	11	10	10	9	9	8	7	7	6	5			
	120	16	16	15	15	15	15	15	15	14	14	14	14	13	13	12	12	11	11	10	10	9	8	7	7	6	5				
	130	16	15	15	15	15	15	15	15	14	14	14	14	13	13	12	12	11	11	10	10	9	9	8	7	6	5				
	140	15	15	15	15	15	14	14	14	14	14	14	13	13	12	12	11	11	10	10	9	8	8	7	6	5					
	150	15	15	15	15	14	14	14	14	14	14	14	13	13	12	12	11	11	10	9	9	8	7	6	5						
	160	15	15	15	14	14	14	14	14	14	14	13	13	12	12	11	11	10	10	9	8	8	7	6	5						
Shut-off-psi		566	557	548	540	531	523	514	505	497	488	466	445	423	401	380	358	336	315	293	271	250	228	207	185	163	142	120	98	77	55

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

SD15 15 GPM (0.75 HP PUMP END, 1.5 HP MOTOR)

15SDQP-1.5HP-3R

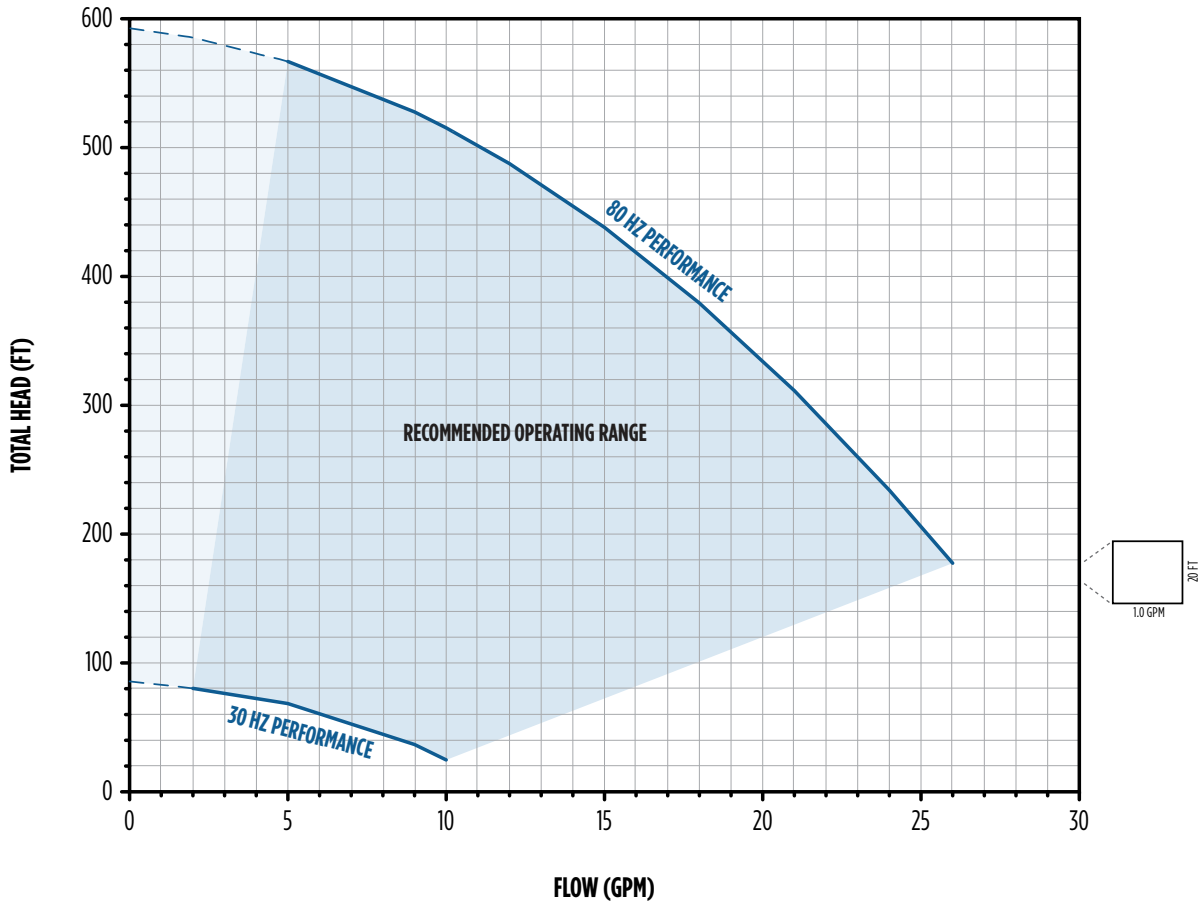


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)													
		20	40	60	80	100	120	140	160	180	200	250	300	350	400
1.5	0								24	23	22	19	15	11	6
	10						24	23	22	21	20	17	14	9	
	20					24	23	22	21	20	19	15	12	7	
	30				24	23	22	21	20	19	17	14	10		
	40			24	23	22	21	20	18	17	16	12	7		
	50		24	23	22	21	20	18	17	16	14	10			
	60	24	23	22	21	19	18	17	15	14	12	8			
	70	23	21	20	19	18	16	15	14	12	10				
	80	21	20	19	18	16	15	13	12	10	8				
	90	20	19	17	16	15	13	12	10	8					
	100	19	17	16	14	13	11	9	7						
	110	17	16	14	13	11	9	7							
	120	15	14	12	11	9	7								
	130	14	12	10	9	6									
	140	12	10	8	6										
150	10	8													
Shut-off psi		180	172	163	154	146	137	128	120	111	102	81	59	37	16

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

SD20 15 GPM (1 HP PUMP END, 2 HP MOTOR)

15SDQP-2.0HP-3R

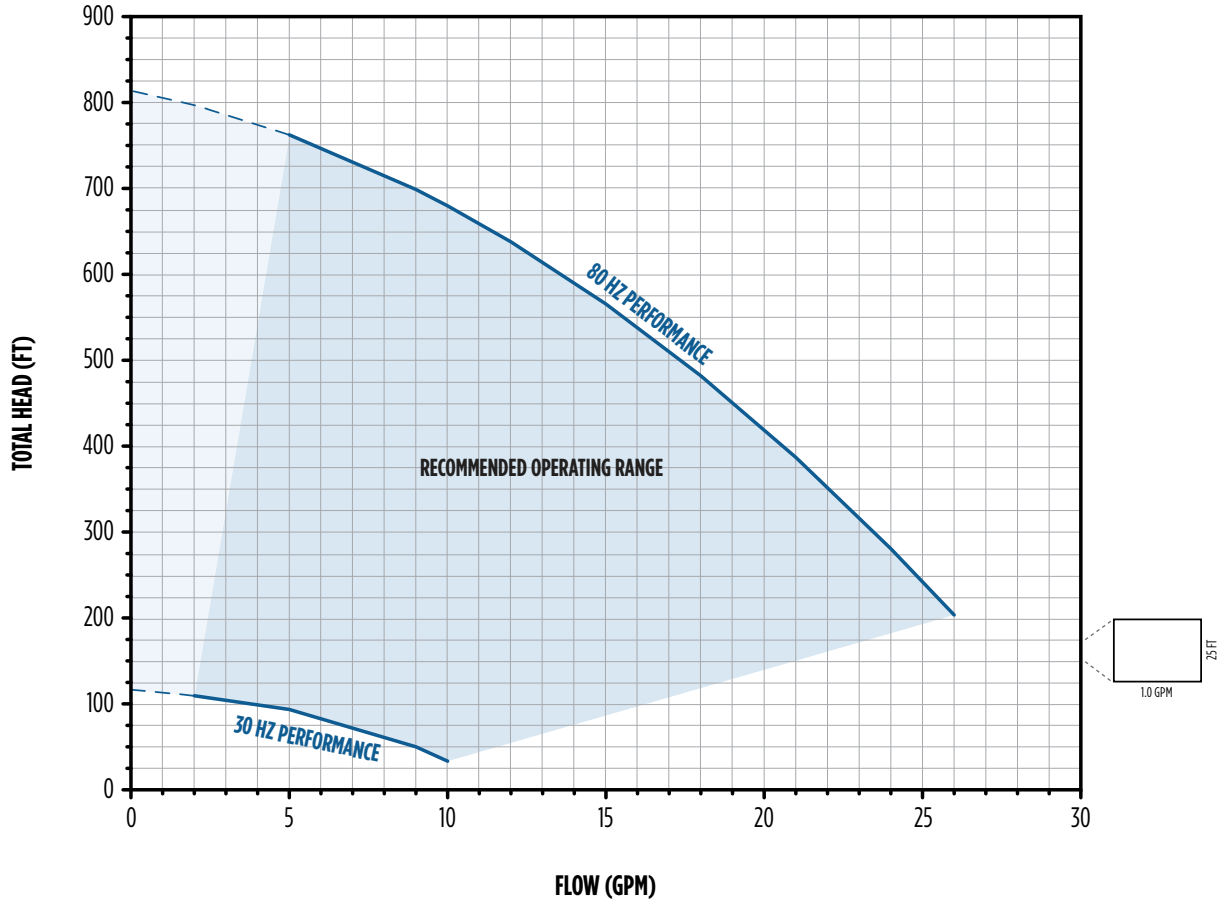


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550
2	0										23	22	19	17	14	11	7	
	10										24	23	21	18	16	13	10	
	20									24	24	22	20	17	14	12	7	
	30								24	23	23	21	18	16	13	10		
	40							24	23	23	22	20	17	15	12	8		
	50					24	24	23	23	22	21	19	16	13	10			
	60				24	24	23	22	22	21	20	17	15	12	8			
	70			24	24	23	22	22	21	20	19	16	14	10				
	80		24	24	23	22	21	21	20	19	18	15	12	8				
	90	24	24	23	22	21	20	19	18	17	16	14	11	6				
	100	23	23	22	21	20	19	18	17	16	15	12	9					
	110	23	22	21	20	19	18	17	16	15	14	11	6					
	120	22	21	20	19	18	17	16	15	14	13	9						
	130	21	20	19	18	17	16	15	14	13	11	7						
	140	20	19	18	17	16	15	13	12	11	10							
	150	19	18	16	15	14	13	12	11	9	7							
160	15	14	13	12	10	8	6											
Shut-off psi		248	239	231	222	213	205	196	187	179	170	148	127	105	83	62	40	18

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

SD30 15 GPM (1.5 HP PUMP END, 3 HP MOTOR)

15SDQP-3.0HP-3R

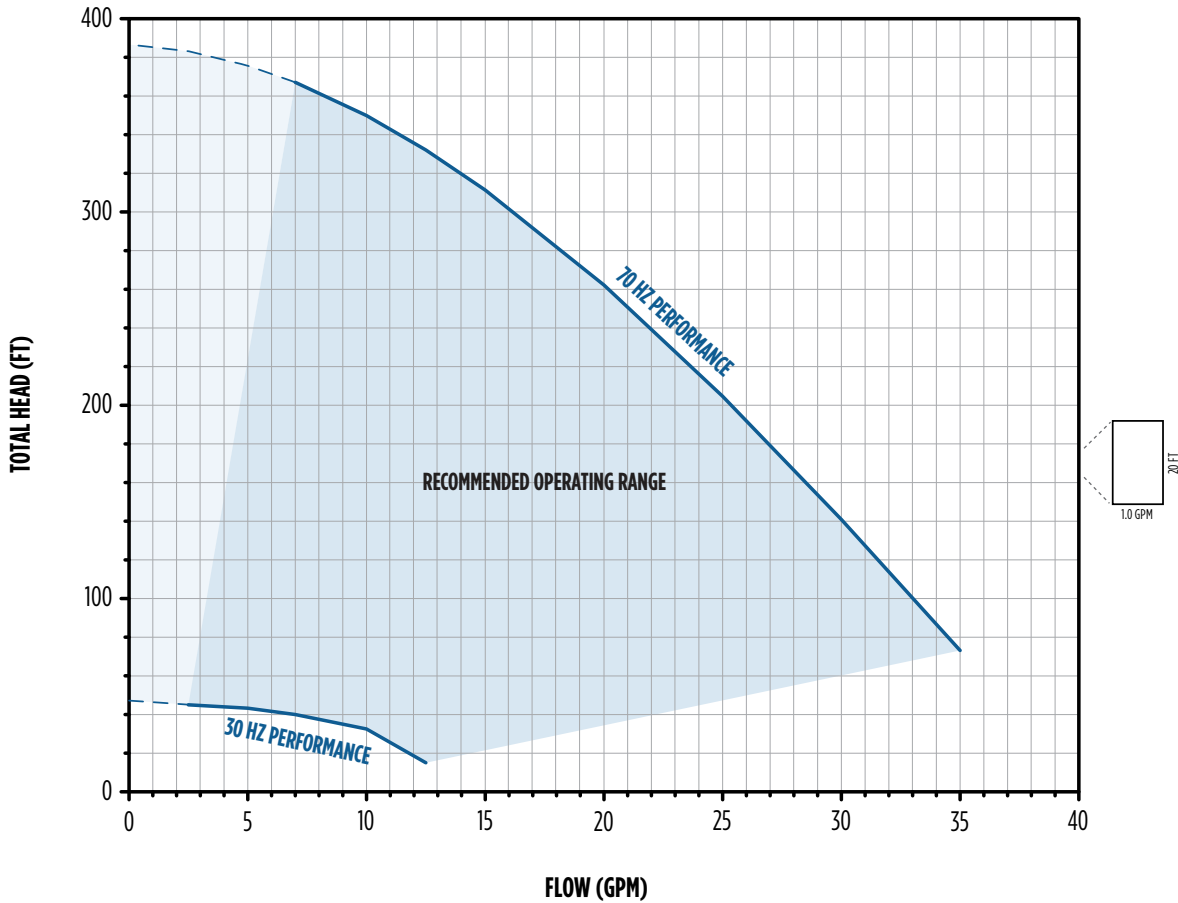


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																				
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550	600	650	700	750
3	0											23	22	21	19	17	15	14	11	9	6	
	10											24	23	21	20	18	16	15	13	10	8	
	20											24	22	21	19	17	16	14	12	9	6	
	30										24	23	22	20	18	17	15	13	11	8		
	40								24	24	22	21	19	18	16	14	12	9	6			
	50							24	24	23	22	20	19	17	15	13	11	8				
	60						24	24	23	23	22	21	19	18	16	14	12	10	7			
	70					24	24	23	23	22	22	20	19	17	15	13	11	8				
	80				24	24	23	23	22	22	21	20	18	16	14	12	10	7				
	90			24	24	23	23	22	22	21	20	19	17	15	13	11	9					
	100		24	24	23	23	22	22	21	20	20	18	16	14	12	10	7					
	110	24	24	23	23	22	21	21	20	20	19	17	15	13	11	9	6					
	120	24	23	23	22	21	21	20	19	19	18	16	14	12	10	7						
	130	23	22	22	21	21	20	19	19	18	17	15	14	11	9	6						
	140	22	22	21	21	20	19	19	18	17	16	15	13	10	8							
	150	22	21	20	20	19	19	18	17	16	16	14	12	9	6							
	160	20	19	18	17	17	16	15	15	14	13	11	8									
Shut-off psi		344	335	326	318	309	300	292	283	274	266	244	222	201	179	158	136	114	93	71	49	28

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

SD15 20 GPM (1 HP PUMP END, 1.5 HP MOTOR)

20SDQP-1.5HP-3R

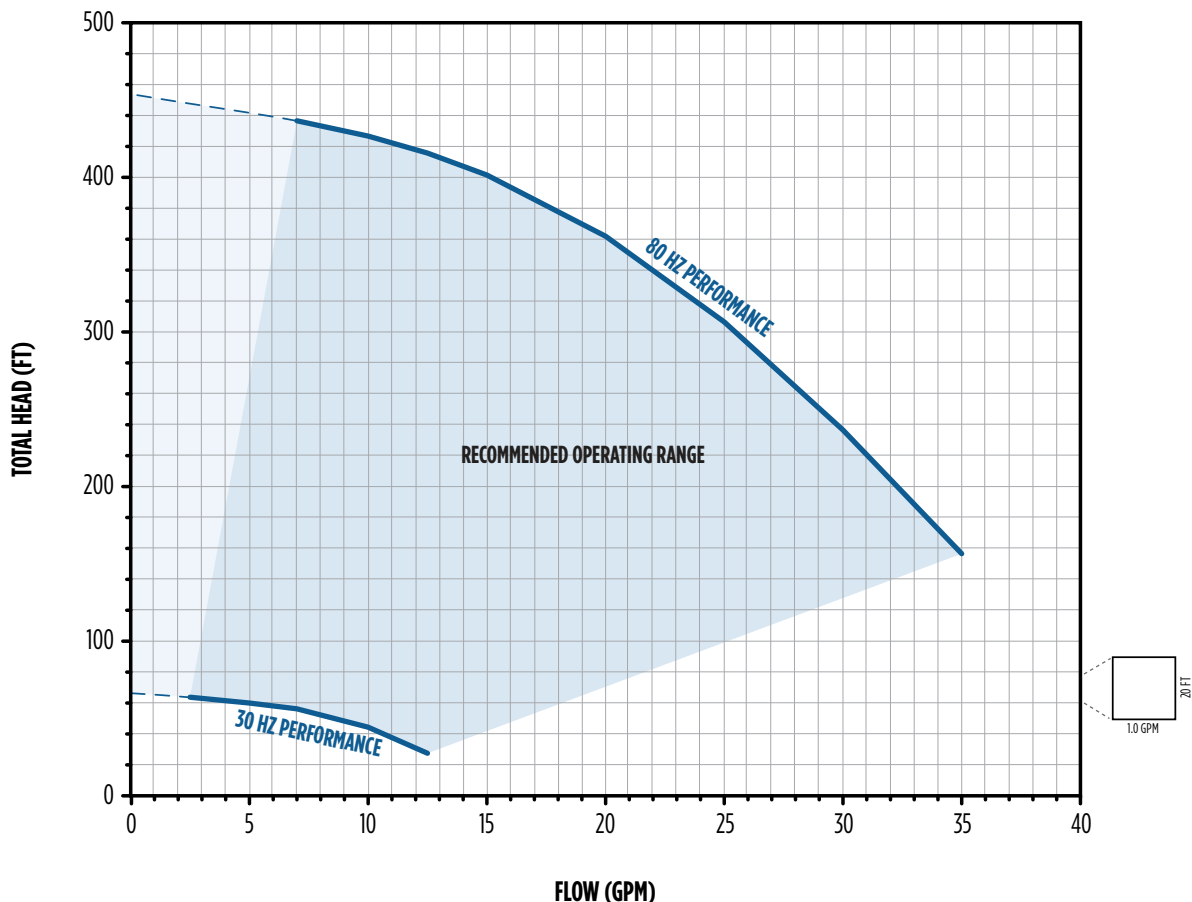


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)											
		20	40	60	80	100	120	140	160	180	200	250	300
1.5	0				34	32	31	30	29	27	26	21	16
	10			34	32	31	30	29	27	25	23	19	14
	20		33	32	31	30	28	27	25	23	21	16	11
	30	33	32	31	29	28	27	25	23	21	19	14	
	40	31	30	29	28	26	25	23	21	19	17	11	
	50	30	29	28	26	24	22	20	18	17	15	7	
	60	29	27	26	24	22	20	18	16	14	12		
	70	27	26	24	22	20	18	16	14	12	8		
	80	25	23	21	19	18	16	14	11	7			
	90	23	21	19	17	15	13	11	7				
	100	21	19	17	15	13	10						
	110	18	17	15	13	10							
	120	16	14	12	9								
	130	14	12	8									
	140	11	8										
150	7												
Shut-off psi		159	150	141	133	124	115	107	98	89	81	59	38

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

SD20 20 GPM (1 HP PUMP END, 2 HP MOTOR)

20SDQP-2.0HP-3R

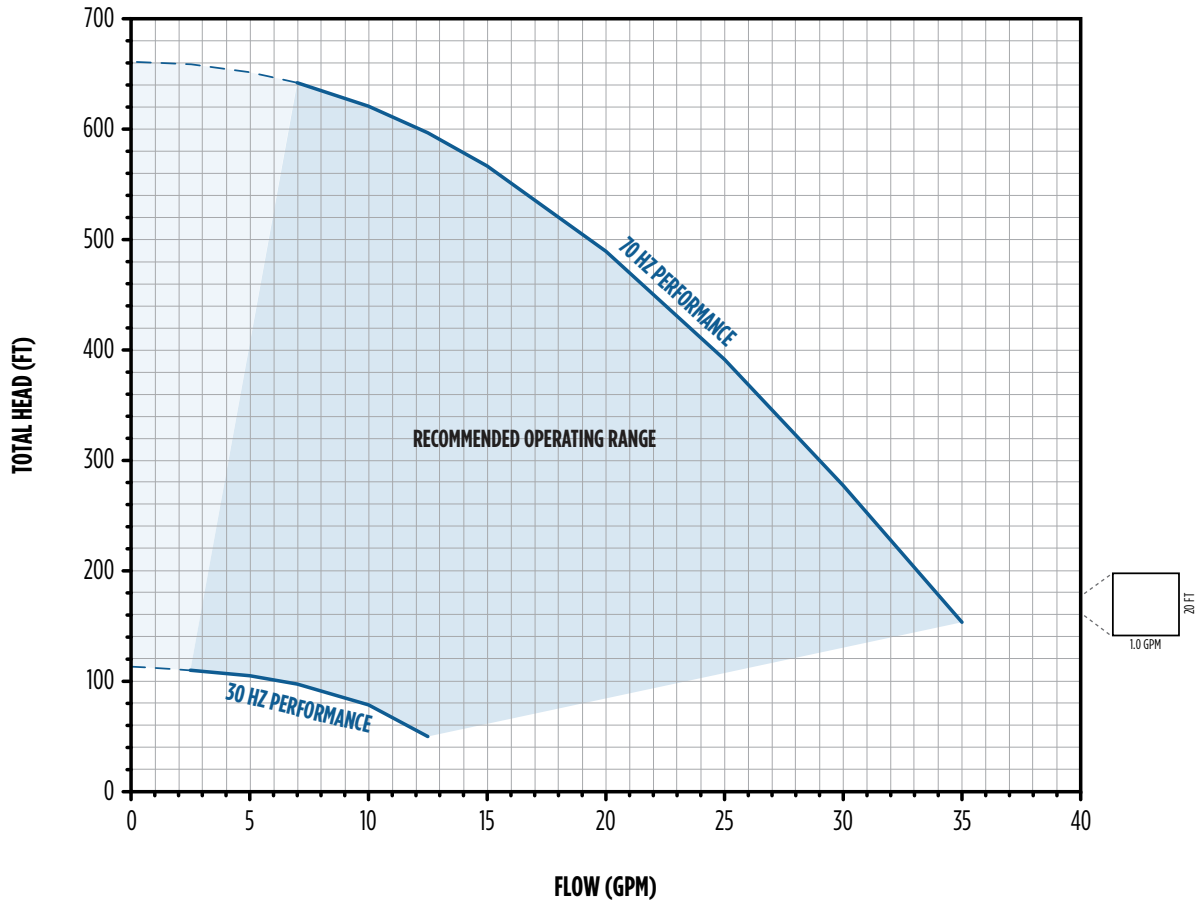


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)													
		20	40	60	80	100	120	140	160	180	200	250	300	350	400
2	0								35	33	32	29	26	21	15
	10							34	32	31	31	28	24	19	11
	20						34	32	31	30	29	26	21	16	
	30					34	32	31	30	29	28	24	19	12	
	40				33	32	31	30	29	28	26	22	16		
	50			33	32	31	30	29	28	26	24	20	13		
	60	35	33	32	31	30	29	27	26	24	22	17			
	70	33	32	31	30	29	27	25	24	22	20	13			
	80	31	31	30	28	27	25	23	22	20	17	8			
	90	30	29	28	27	25	23	21	19	17	14				
	100	29	28	26	25	23	21	19	17	13	9				
	110	28	26	24	23	21	19	16	13	8					
	120	26	24	22	20	18	16	12	7						
	130	24	22	20	18	15	11								
	140	22	20	18	15	11									
	150	19	17	14	10										
160	7														
Shut-off psi		188	179	171	162	153	145	136	127	119	110	88	67	45	23

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

SD30 20 GPM (2 HP PUMP END, 3 HP MOTOR)

20SDQP-3.0HP-3R

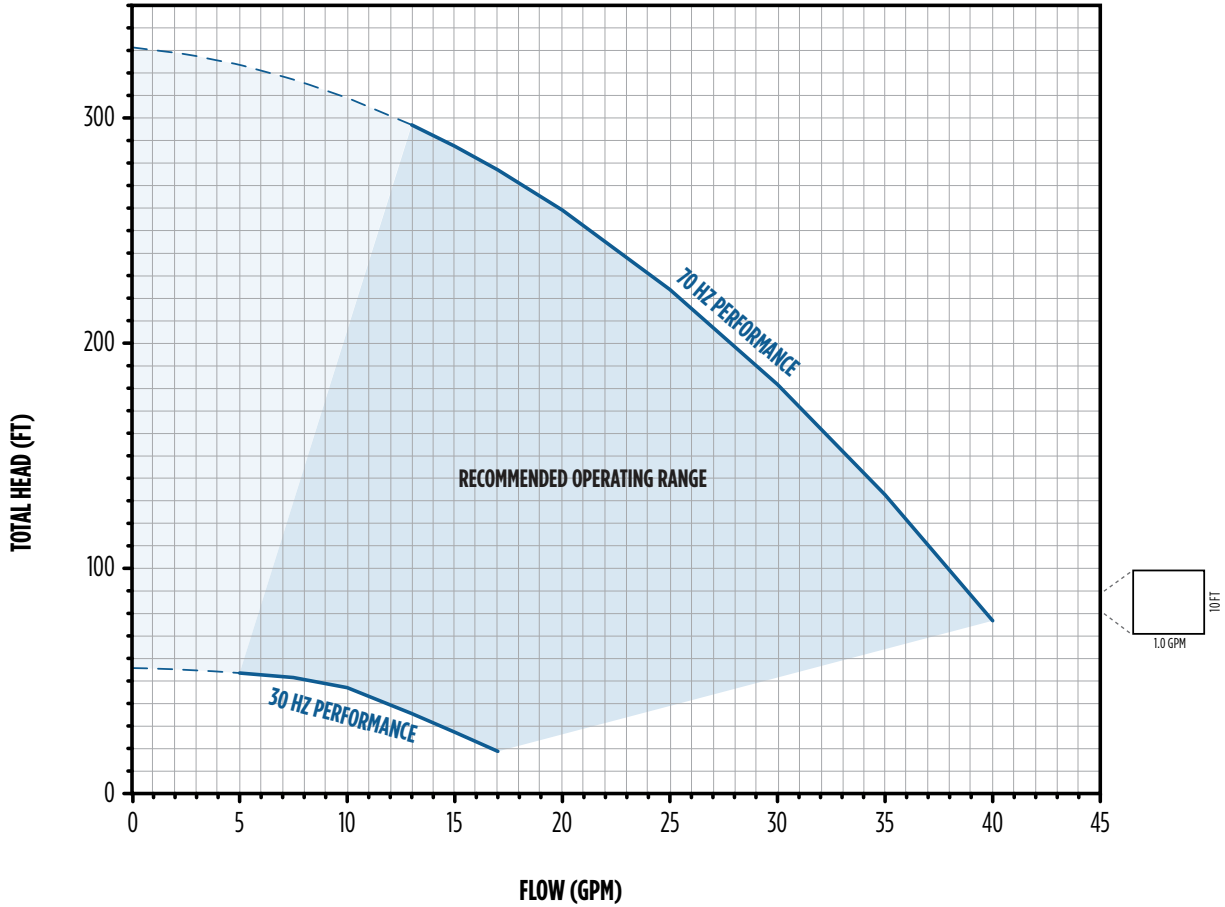


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																	
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550	600
3	0								35	34	33	31	29	27	24	22	19	17	13
	10							35	33	33	32	30	28	26	23	21	18	15	
	20						34	33	33	32	31	30	27	25	22	19	17	13	
	30					34	33	32	32	31	31	29	26	23	21	18	15	10	
	40				34	33	32	32	31	30	30	27	25	22	20	17	13		
	50		35	34	33	32	32	31	30	30	29	26	24	21	19	16	11		
	60	35	34	33	32	31	31	30	29	29	28	25	22	20	17	14			
	70	33	33	32	31	31	30	29	28	28	26	24	21	19	16	11			
	80	33	32	31	31	30	29	28	27	26	25	23	20	17	14				
	90	32	31	31	30	29	28	27	26	25	24	21	19	16	12				
	100	31	30	30	29	28	27	26	25	24	23	20	18	14					
	110	30	30	29	28	27	26	25	24	23	22	19	16	12					
	120	29	29	28	27	26	25	23	22	21	20	18	15						
	130	29	28	27	25	24	23	22	21	20	19	17	12						
	140	27	26	25	24	23	22	21	20	19	18	15							
	150	26	25	24	23	22	21	20	19	18	17	13							
160	22	21	20	19	18	17	16	15	13	11									
Shut-off psi		278	269	260	252	243	234	226	217	208	200	178	156	135	113	91	70	48	26

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

SD15 25 GPM (1 HP PUMP END, 1.5 HP MOTOR)

25SDQP-1.5HP-3R

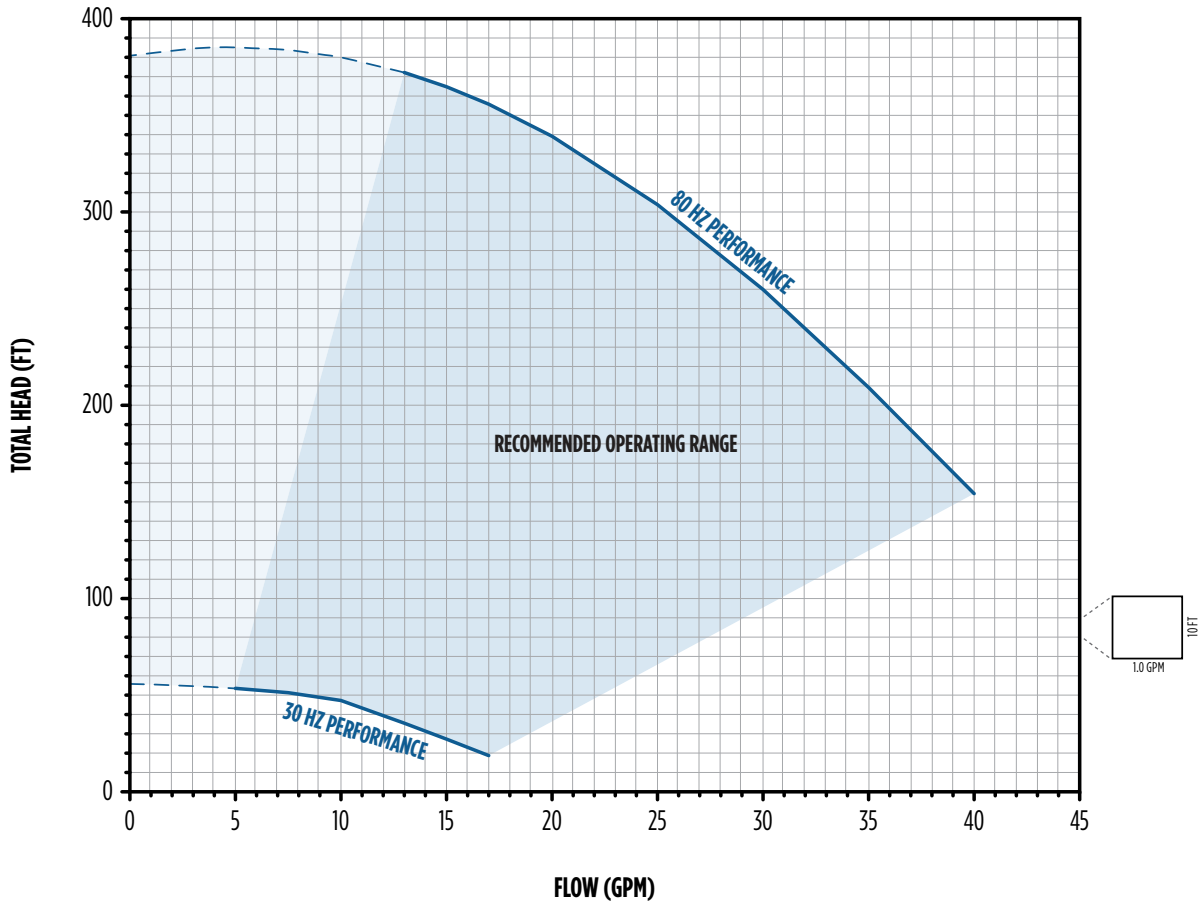


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)										
		20	40	60	80	100	120	140	160	180	200	250
1.5	0				39	37	36	34	33	30	28	21
	10			39	37	36	34	32	30	28	25	18
	20		39	37	35	34	32	30	27	24	22	
	30	38	36	35	34	32	29	27	24	21	18	
	40	36	35	33	31	29	26	24	21	18	14	
	50	35	33	31	29	26	23	20	17	14		
	60	33	31	28	25	23	20	17				
	70	30	28	25	22	19	16					
	80	27	25	22	19	16						
	90	24	21	19	15							
	100	21	18	15								
	110	18	14									
Shut-off psi		135	126	117	109	100	92	83	74	66	57	35

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

SD20 25 GPM (1 HP PUMP END, 2 HP MOTOR)

25SDQP-2.0HP-3R

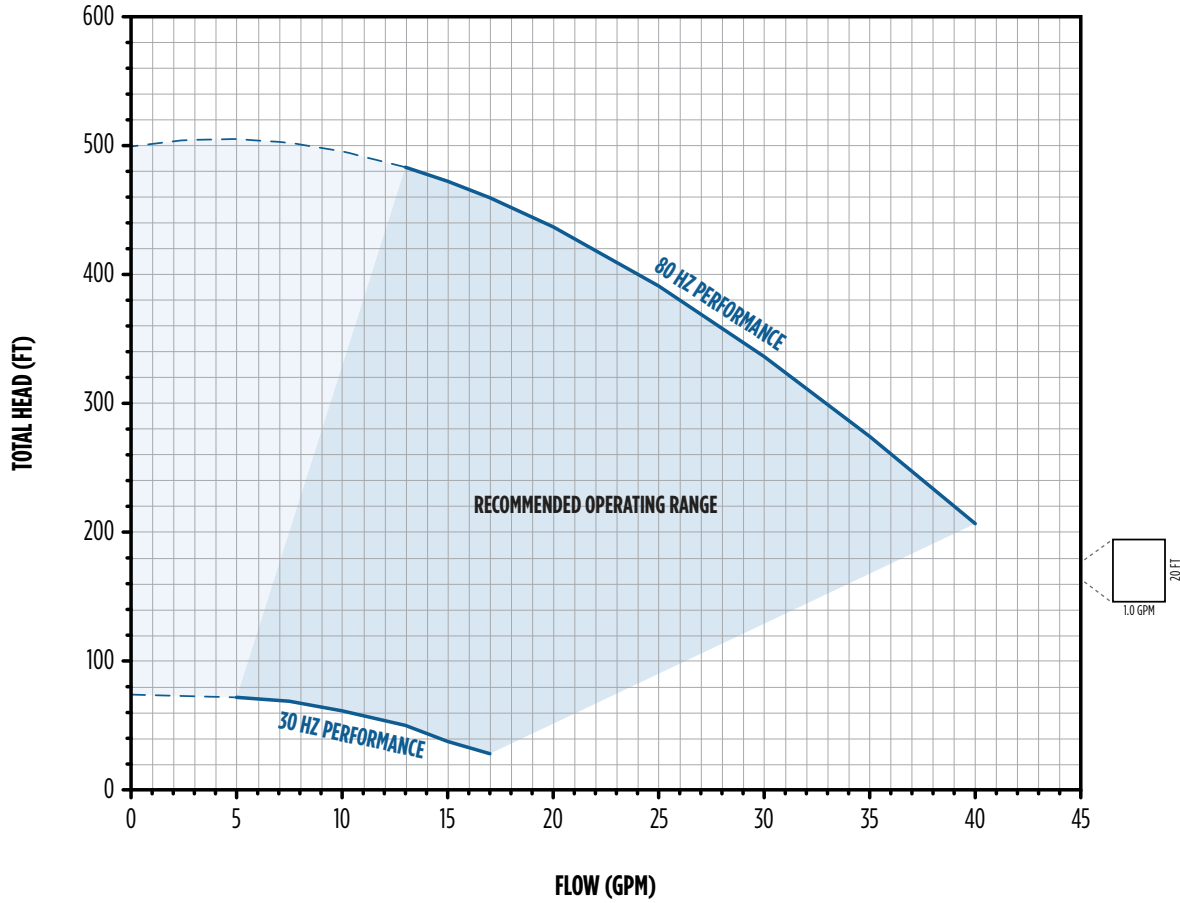


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)												
		20	40	60	80	100	120	140	160	180	200	250	300	350
2	0								39	36	35	31	25	19
	10							38	36	35	34	28	23	
	20						38	36	35	34	32	25	19	
	30					37	36	35	34	31	29	23		
	40				37	36	35	33	31	29	26	20		
	50		40	37	36	35	33	31	28	26	23	14		
	60	39	36	35	34	33	30	28	25	23	21			
	70	36	35	34	32	30	27	25	23	20	16			
	80	35	34	32	30	27	25	22	20	15				
	90	34	32	29	27	24	22	19						
	100	31	29	26	24	22	18							
	110	28	26	23	21	18								
	120	25	23	21	17									
	130	23	20	16										
	140	20	15											
150	14													
Shut-off psi		158	149	141	132	123	115	106	98	89	80	59	37	15

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

SD30 25 GPM (1.5 HP PUMP END, 3 HP MOTOR)

25SDQP-3.0HP-3R

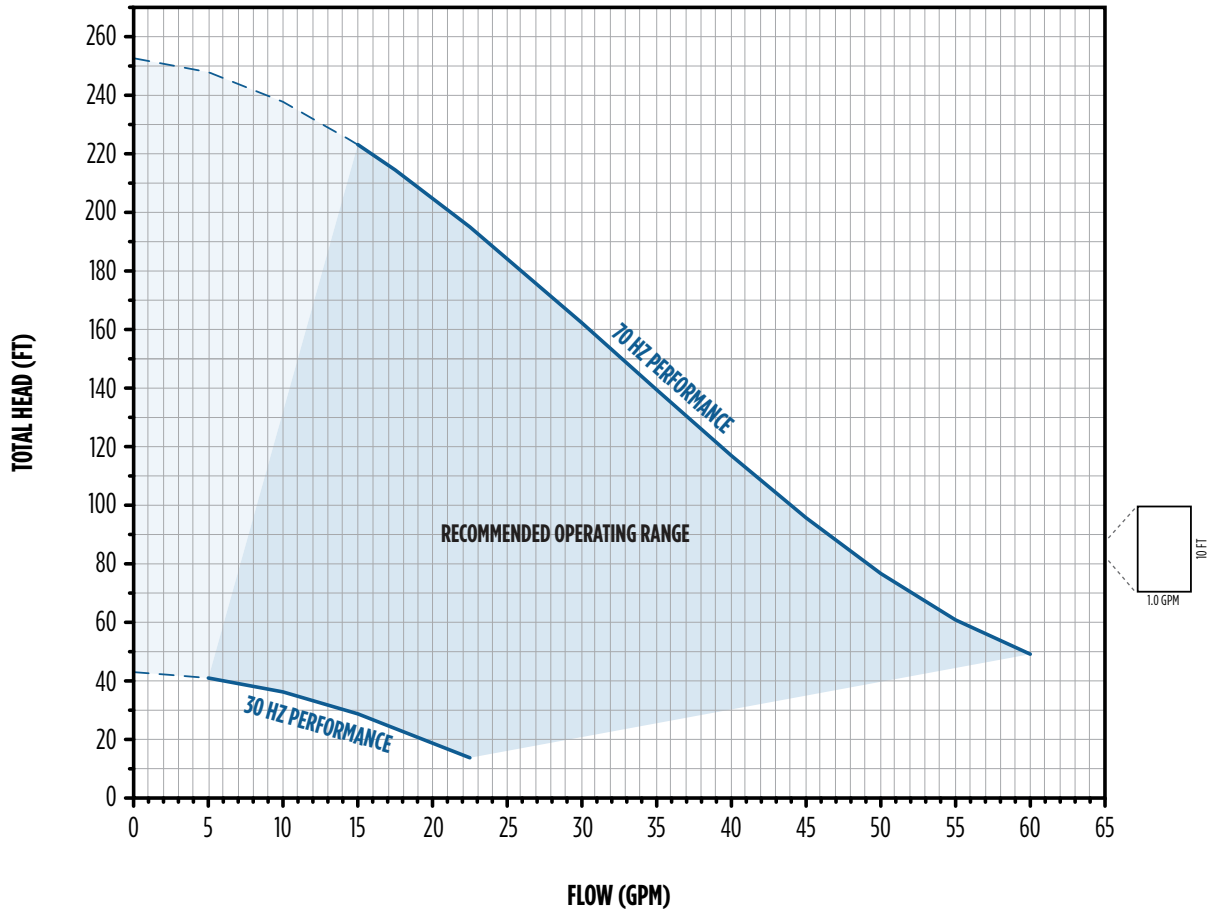


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)														
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450
3	0										36	33	29	24	19	
	10									38	35	31	26	22	15	
	20								38	36	34	29	24	19		
	30							40	37	36	35	32	27	22	16	
	40						39	37	36	35	34	30	24	20		
	50					39	37	36	35	34	32	27	22	16		
	60				38	37	36	35	33	32	30	25	20			
	70			38	37	36	35	33	32	30	28	23	17			
	80		38	36	35	34	33	31	29	27	25	21				
	90	37	36	35	34	33	31	29	27	25	23	18				
	100	36	35	34	33	31	29	27	25	23	21					
	110	35	34	32	30	28	26	24	23	21	18					
	120	34	32	30	28	26	24	22	20	18	14					
	130	32	30	28	26	24	22	20	17							
	140	29	27	25	23	22	20	17								
	150	27	25	23	21	19	16									
160	20	18	14													
Shut-off psi		210	201	193	184	175	167	158	149	141	132	110	89	67	46	24

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

SD15 35 GPM (1 HP PUMP END, 1.5 HP MOTOR)

35SDQP-1.5HP-3R

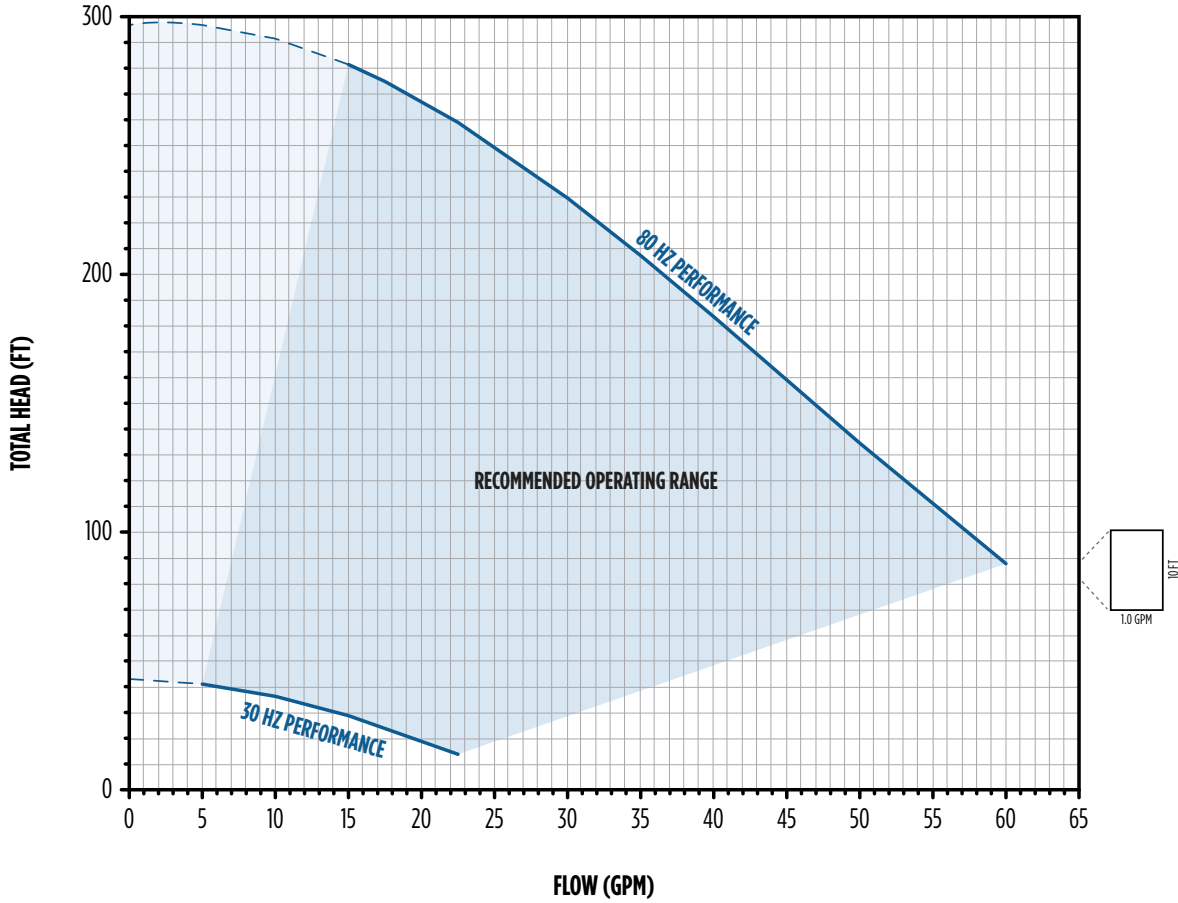


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)									
		20	40	60	80	100	120	140	160	180	200
1.5	0			55	49	44	40	35	30	26	21
	10		54	48	43	39	34	29	25	21	15
	20	53	47	43	38	33	29	24	20		
	30	47	42	37	33	28	24	19			
	40	41	37	32	27	23	18				
	50	36	31	27	22	18					
	60	30	26	22	17						
	70	25	21	16							
80	20	15									
Shut-off psi		101	92	83	75	66	57	49	40	31	23

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

SD20 35 GPM (1 HP PUMP END, 2 HP MOTOR)

35SDQP-2.0HP-3R

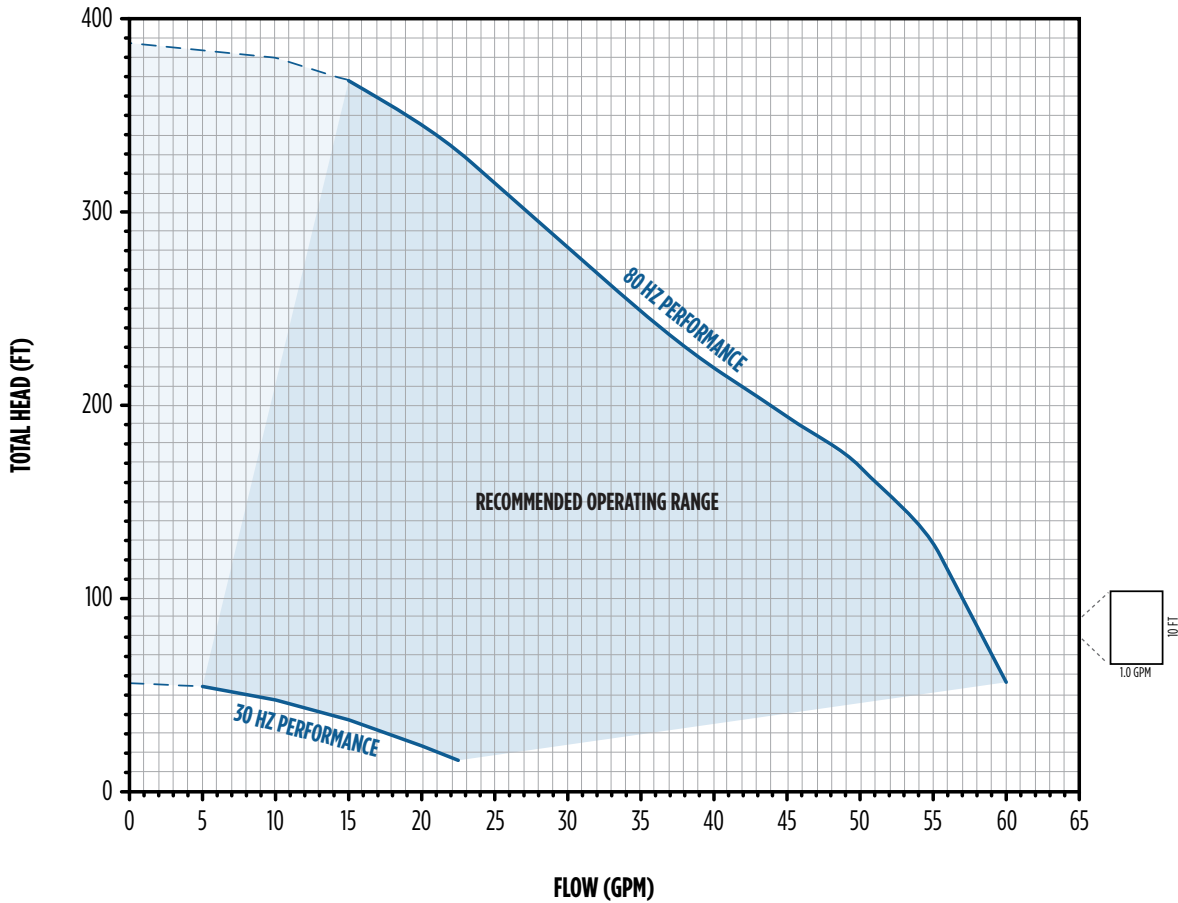


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)										
		20	40	60	80	100	120	140	160	180	200	250
2	0						53	49	46	41	36	25
	10					52	48	45	41	36	31	19
	20				51	48	44	40	35	30	26	
	30			51	47	44	39	34	30	26	20	
	40	54	50	47	43	38	33	29	25	19		
	50	50	46	42	38	33	28	24	18			
	60	46	42	37	32	28	23	16				
	70	41	36	31	27	22	15					
	80	35	31	26	22							
	90	30	26	21								
	100	25	20									
110	18											
Shut-off psi		120	111	103	94	85	77	68	59	51	42	20

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

SD30 35 GPM (1.5 HP PUMP END, 3 HP MOTOR)

35SDQP-3.0HP-3R

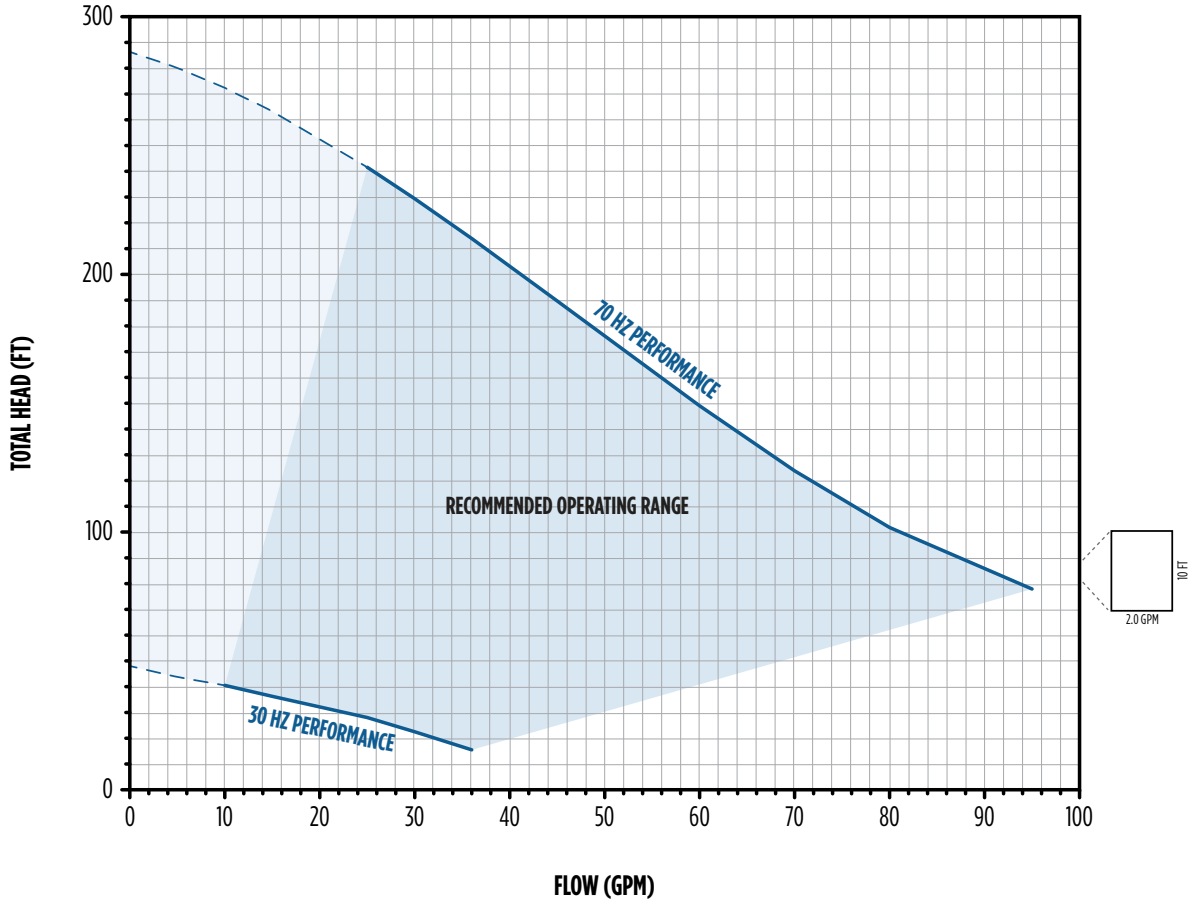


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)												
		20	40	60	80	100	120	140	160	180	200	250	300	350
3	0				58	57	55	53	51	48	44	36	27	18
	10		60	58	57	55	53	50	47	44	40	32	23	
	20	60	58	56	55	52	50	47	43	40	36	28	19	
	30	58	56	54	52	49	46	43	39	36	32	24		
	40	56	54	52	49	46	42	39	35	32	28	19		
	50	54	51	48	45	42	38	35	31	28	24			
	60	51	48	45	41	38	34	31	27	24	20			
	70	47	44	41	37	34	30	27	23	19	15			
	80	44	40	37	33	30	26	23	19					
	90	40	36	32	29	26	22	18						
	100	35	32	29	25	22	17							
	110	31	28	25	21	17								
	120	28	24	20	16									
	130	24	20	15										
140	19													
Shut-off psi		161	152	144	135	126	118	109	101	92	83	62	40	18

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

SD30 60 GPM (2 HP PUMP END, 3 HP MOTOR)

60SDQP-3.0HP-3R

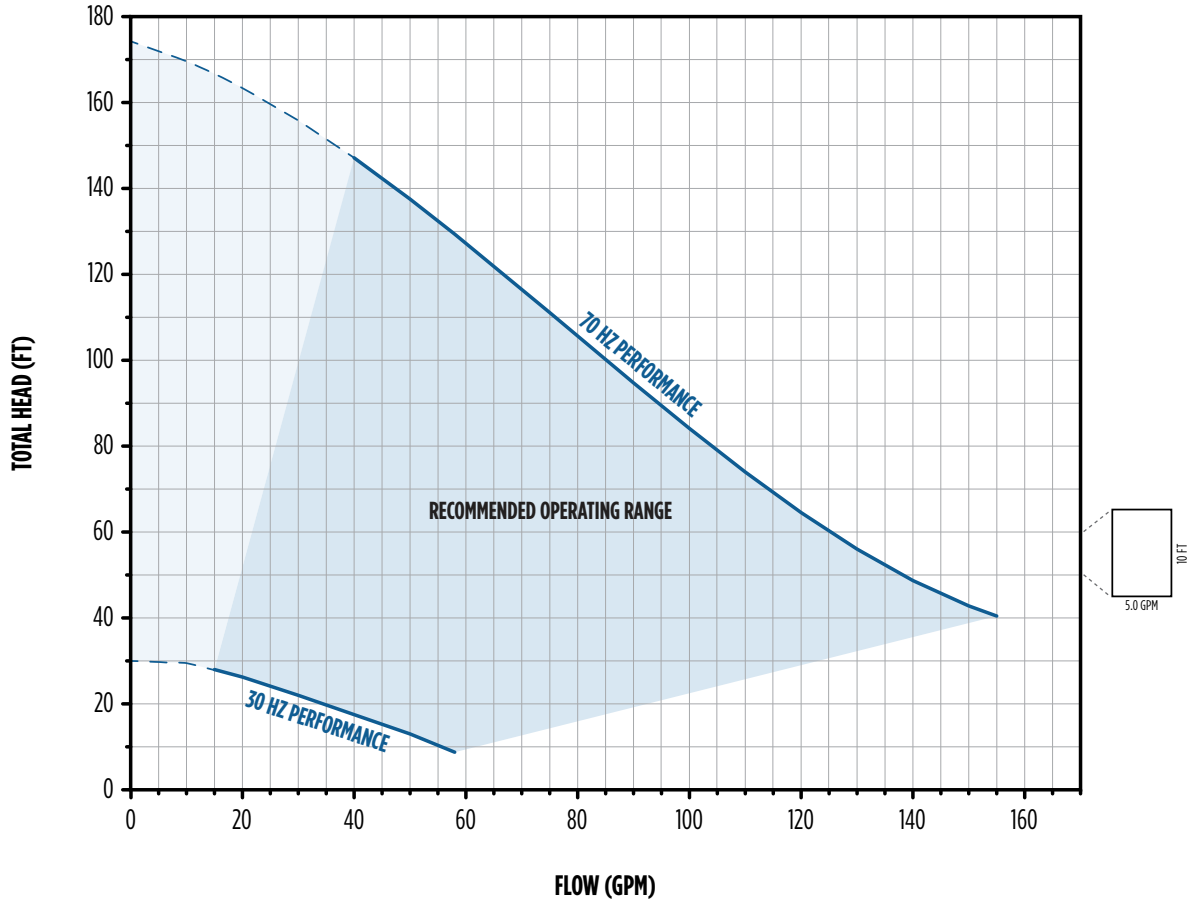


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)									
		20	40	60	80	100	120	140	160	180	200
3	0				93	81	72	64	56	49	41
	10			91	79	70	62	55	47	40	32
	20		89	78	69	61	54	46	39	31	
	30	87	76	68	60	53	45	38	30		
	40	75	66	59	51	44	36	29			
	50	65	58	50	43	35	28				
	60	57	49	42	34	26					
	70	48	40	33	25						
	80	39	32								
90	31										
Shut-off psi		115	107	98	89	81	72	63	55	46	37

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

SD30 90 GPM (2 HP PUMP END, 3 HP MOTOR)

90SDQP-3.0HP-3R



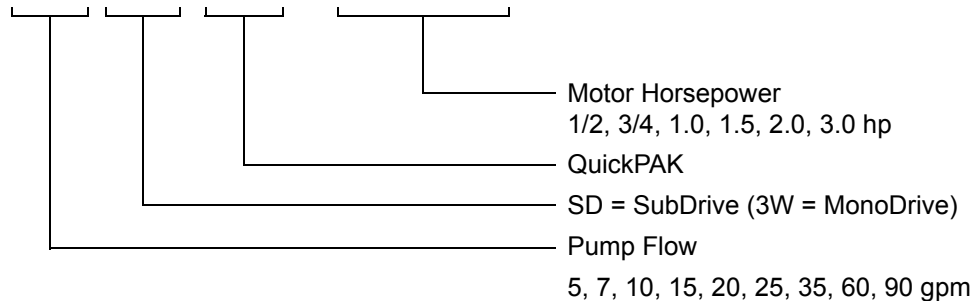
HP	PSI	Depth to Pumping Water Level, or Lift (in feet)						
		20	40	60	80	100	120	140
3	0			125	104	85	66	48
	10	150	121	101	82	64	44	
	20	118	98	79	61	41		
	30	95	77	58				
	40	74	55					
	50	52						
Shut-off psi		67	58	49	41	32	23	15

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible. Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.

3-WIRE QUICKPAK - MODEL NOMENCLATURE & ORDERING INFORMATION

MODEL NOMENCLATURE

XX 3W QP - X.XHP



Examples:

253WQP-2.0HP = 25 gpm, 3-Wire MonoDrive QuickPAK, 2 hp

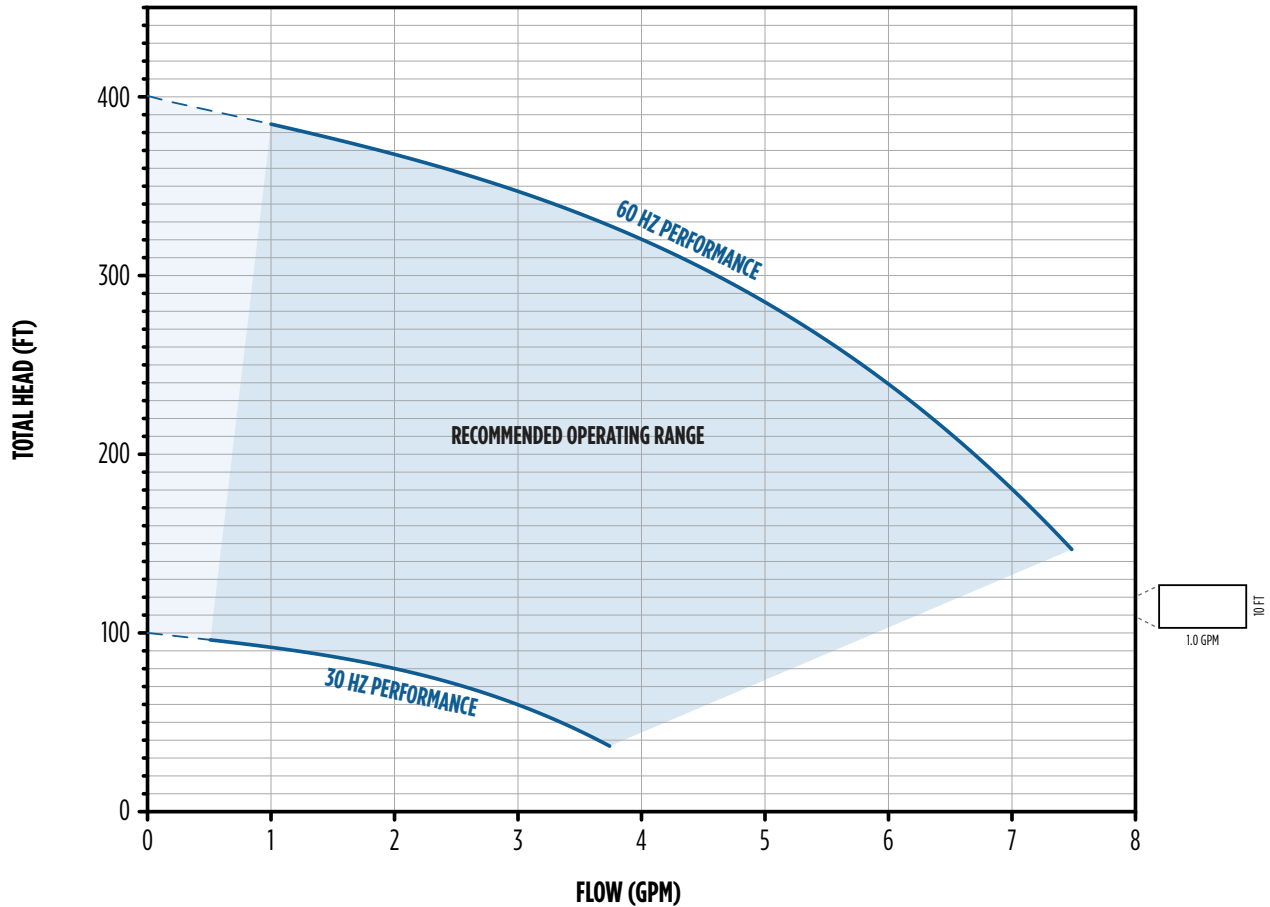
ORDERING INFORMATION

QuickPAK			MonoDrive		Pump			Motor			
Order No.	Model No.	GPM	Drive Type	Part No.	HP	GPM	Design	Hydraulics	Part No.	HP	Part No.
93975111	5-3WQP-0.5HP-3R	5	MD	5870205003	1/2	5	SS	3200	93870505	1/2	2145059004S
93975112	5-3WQP-0.75HP-3R	5	MD	5870205003	3/4	5		3200	93870507	3/4	2145079004S
93975113	5-3WQP-1.0HP-3R	5	MD	5870205003	1	5		3200	93870510	1	2145089003S
93975121	7-3WQP-0.5HP-3R	7	MD	5870205003	1/2	7		3200	93870705	1/2	2145059004S
93975122	7-3WQP-0.75HP-3R	7	MD	5870205003	3/4	7		3200	93870707	3/4	2145079004S
93975123	7-3WQP-1.0HP-3R	7	MD	5870205003	1	7		3200	93870710	1	2145089003S
93975131	10-3WQP-0.5HP-3R	10	MD	5870205003	1/2	10		DS-10	93871004	1/2	2145059004S
93975132	10-3WQP-0.75HP-3R	10	MD	5870205003	3/4	10		DS-10	93871006	3/4	2145079004S
93975133	10-3WQP-1.0HP-3R	10	MD	5870205003	1	10		DS-10	93871009	1	2145089003S
93975234	10-3WQP-1.5HP-3R	10	MDXT	5870205203	1.5	10		DS-10	93871014	1.5	2243009203S
93975235	10-3WQP-2.0HP-3R	10	MDXT	5870205203	2	10		Tri-Seal	93871020	2	2243019204S
93975141	15-3WQP-0.5HP-3R	15	MD	5870205003	1/2	15		Tri-Seal	93871505	1/2	2145059004S
93975142	15-3WQP-0.75HP-3R	15	MD	5870205003	3/4	15		Tri-Seal	93871507	3/4	2145079004S
93975143	15-3WQP-1.0HP-3R	15	MD	5870205003	1	15		Tri-Seal	93871510	1	2145089003S
93975244	15-3WQP-1.5HP-3R	15	MDXT	5870205203	1.5	15		Tri-Seal	93871515	1.5	2243009203S
93975245	15-3WQP-2.0HP-3R	15	MDXT	5870205203	2	15		Tri-Seal	93871520	2	2243019204S
93975152	20-3WQP-0.75HP-3R	20	MD	5870205003	3/4	20		Tri-Seal	93872007	3/4	2145079004S
93975153	20-3WQP-1.0HP-3R	20	MD	5870205003	1	20		Tri-Seal	93872010	1	2145089003S
93975254	20-3WQP-1.5HP-3R	20	MDXT	5870205203	1.5	20		Tri-Seal	93872015	1.5	2243009203S
93975250	20-3WQP-2.0HP-3R	20	MDXT	5870205203	2	20		Tri-Seal	93872020	2	2243019204S
93975163	25-3WQP-1.0HP-3R	25	MD	5870205003	1	25		Tri-Seal	93872510	1	2145089003S
93975264	25-3WQP-1.5HP-3R	25	MDXT	5870205203	1.5	25		Tri-Seal	93872515	1.5	2243009203S
93975265	25-3WQP-2.0HP-3R	25	MDXT	5870205203	2	25		Tri-Seal	93872525	2	2243019204S

Note: Verify dip switches are set properly. Please refer to the owner's manual for dip switch settings.

MONODRIVE 5 GPM (0.5 HP PUMP END, 0.5 HP MOTOR)

5-3WQP-0.5HP-3R

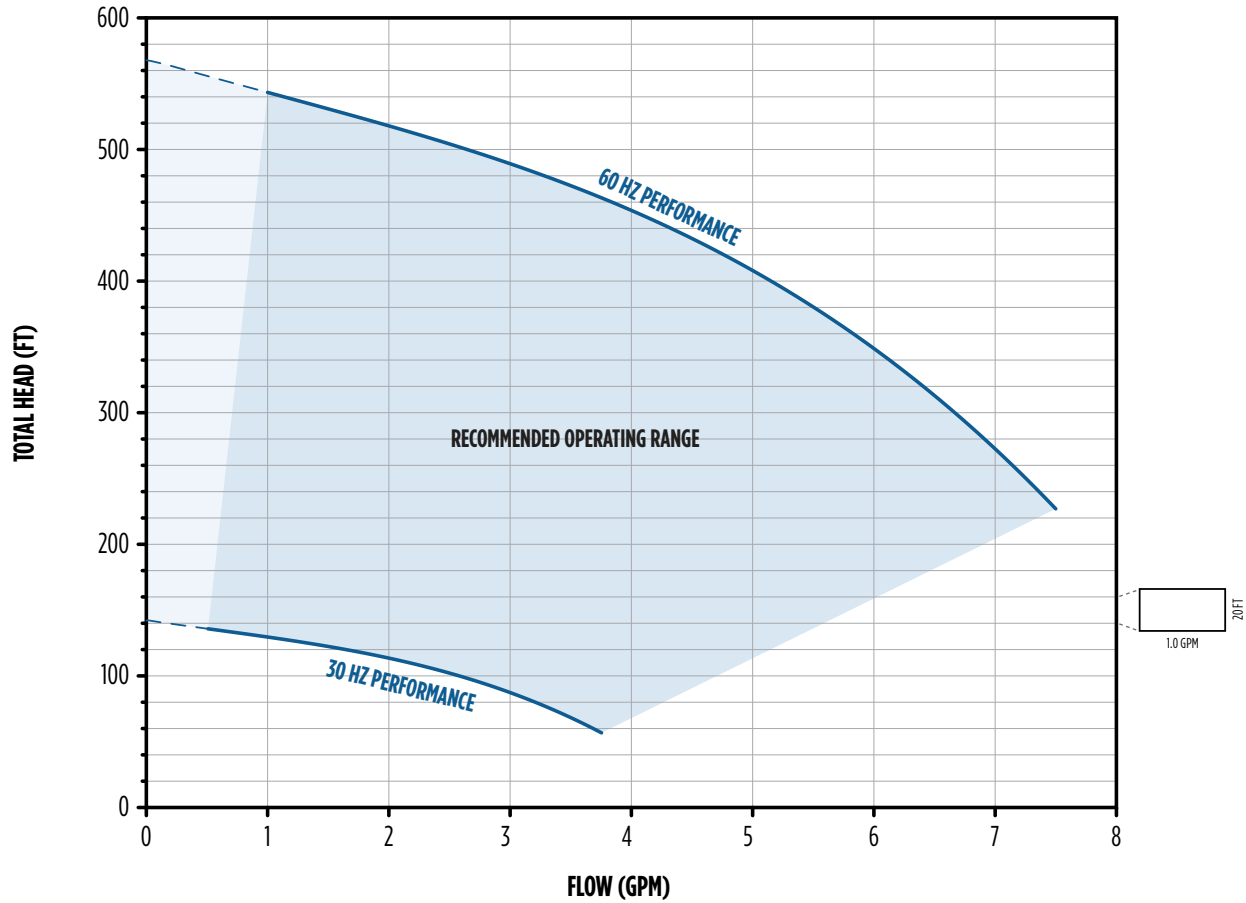


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																
		0	20	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440
1/2	0					8	8	8	8	7	7	7	6	5	4	3	0	
	10				8	8	8	8	7	7	7	6	5	5	3	1	0	
	20			8	8	8	7	7	7	6	6	5	4	4	2	0		
	30		8	8	8	7	7	7	6	6	6	5	4	3	0			
	40	8	8	8	7	7	7	6	6	6	5	5	4	2	0			
	50	8	8	7	7	7	6	6	6	5	5	4	3	0				
	60	8	7	7	7	6	6	6	5	5	4	4	2	0				
	70	7	7	7	6	6	5	5	5	4	3	3	0					
80	7	7	6	6	5	5	4	4	3	2	1	0						
Shut-off psi		173	165	156	147	139	130	121	113	104	95	87	69	52	35	17	0	

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVE 5 GPM (0.75 HP PUMP END, .075 HP MOTOR)

5-3WQP-0.75HP-3R

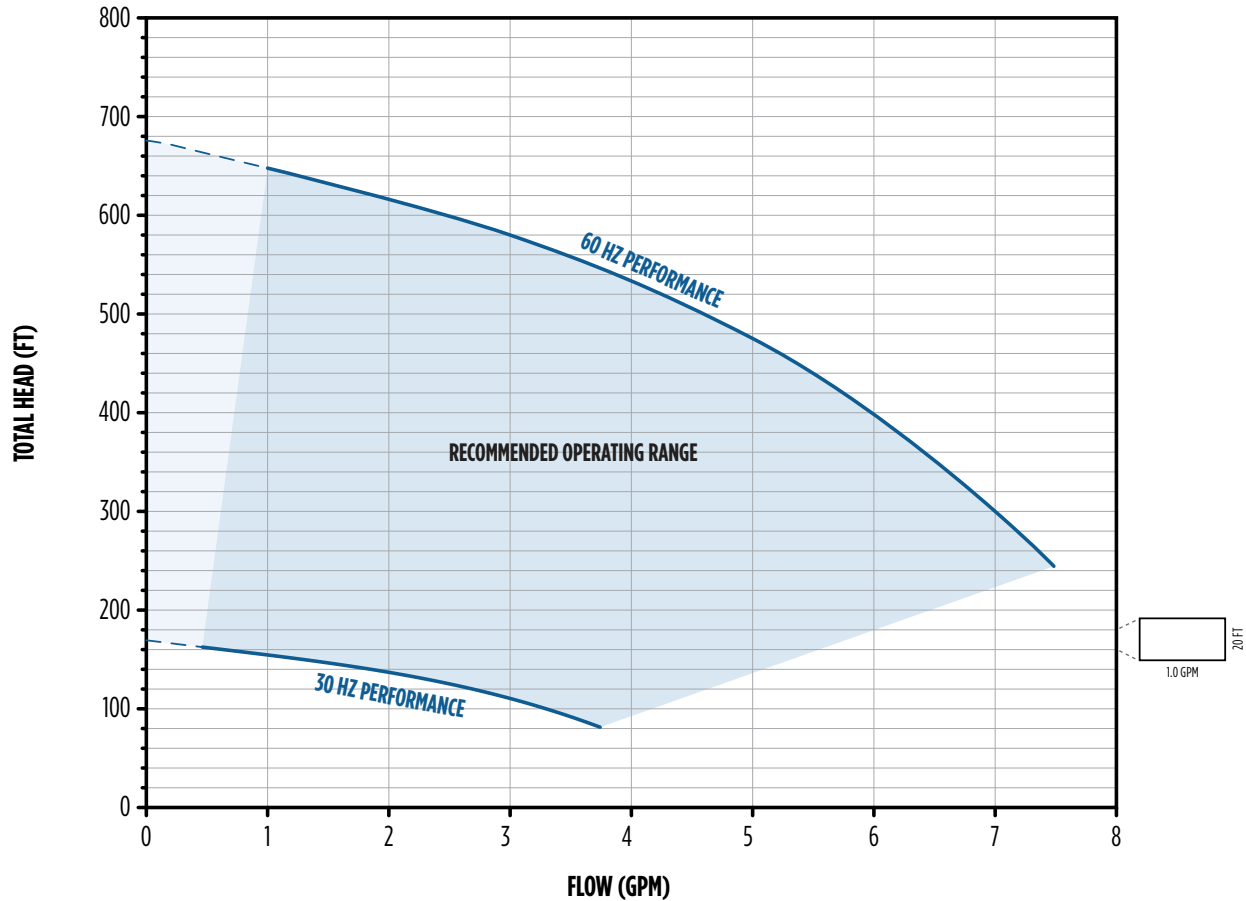


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																			
		0	20	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	500	550
3/4	0									8	8	7	7	6	6	5	4	3	3	0	
	10							8	8	8	7	7	6	5	5	4	3	2	0		
	20						8	8	8	7	7	6	6	5	4	3	2	0			
	30					8	8	8	7	7	7	6	6	5	5	4	3	0			
	40				8	8	8	7	7	7	7	6	6	5	4	3	2	0			
	50			8	8	8	7	7	7	7	6	6	5	4	4	2	0				
	60		8	8	8	8	7	7	7	7	6	6	5	4	3	1	0				
	70	8	8	8	8	7	7	7	7	6	6	6	5	4	3	2	0				
80	8	8	7	7	7	7	7	6	6	6	5	5	4	3	0						
Shut-off psi		243	235	226	217	209	200	191	183	174	165	157	139	122	105	87	70	53	35	27	5

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVE 5 GPM (1 HP PUMP END, 1 HP MOTOR)

5-3WQP-1.0HP-3R

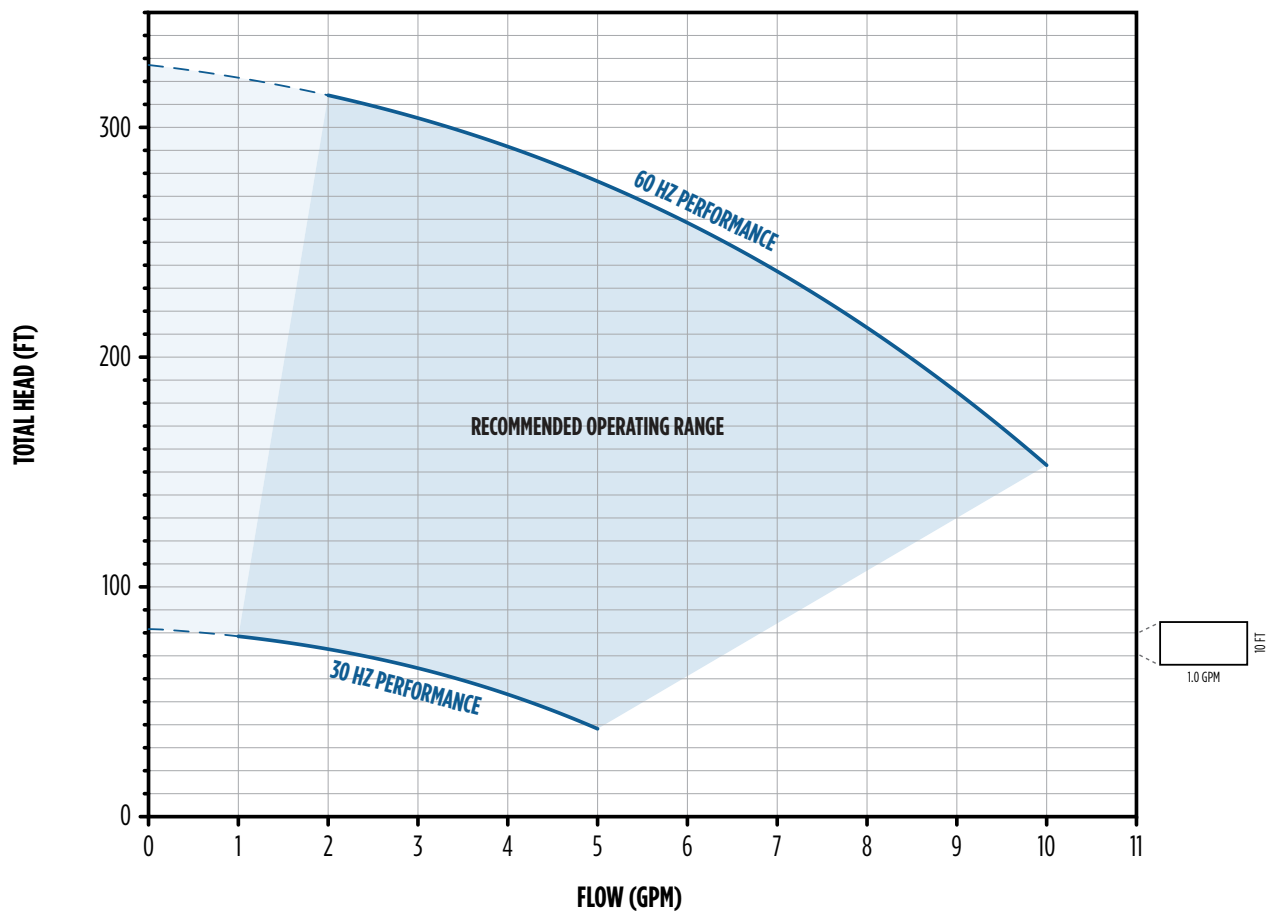


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																					
		0	20	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	500	550	600	650
1	0										8	8	7	7	6	6	5	5	5	4	3	0	
	10									8	8	7	7	7	6	6	5	5	4	3	2	0	
	20									8	8	7	7	6	6	5	5	4	4	3	0		
	30							8	8	7	7	7	6	6	6	5	4	4	3	2	0		
	40						8	8	7	7	7	7	6	6	5	5	4	3	3	1	0		
	50					8	8	7	7	7	7	6	6	5	5	4	4	3	2	0			
	60				8	8	7	7	7	7	7	6	6	5	5	4	3	2	1	0			
	70			8	8	7	7	7	7	7	6	6	5	5	4	4	3	1	0				
80		8	8	7	7	7	7	7	6	6	6	5	5	4	3	2	0						
Shut-off psi		290	281	273	264	255	247	238	229	221	212	203	186	169	152	134	117	100	82	74	52	30	9

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVE 7 GPM (0.5 HP PUMP END, 0.5 HP MOTOR)

7-3WQP-0.5HP-3R

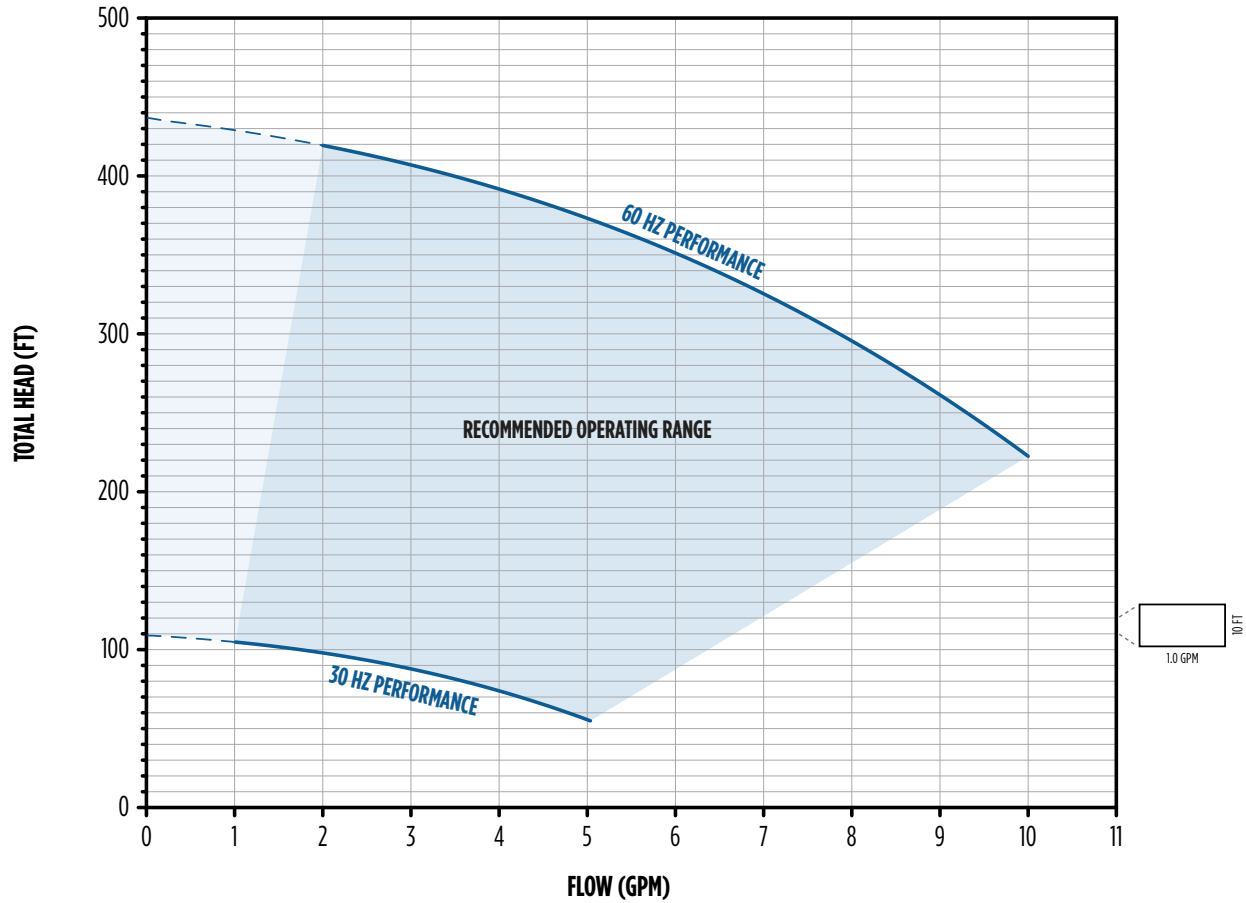


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)														
		0	20	40	60	80	100	120	140	160	180	200	240	280	320	360
1/2	0							11	10	10	9	8	7	5	1	0
	10						11	10	10	9	8	6	3	0		
	20					11	10	10	9	8	7	4	0			
	30				11	10	9	9	8	7	6	5	3	0		
	40			11	10	9	9	8	7	6	5	4	0			
	50		11	10	9	9	8	7	6	5	4	2	0			
	60	10	10	9	8	8	7	6	5	4	1	0				
	70	10	9	8	8	7	6	5	3	1	0					
80	9	8	7	7	6	5	3	0								
Shut-off psi		143	135	126	117	109	100	91	83	74	65	57	39	22	5	0

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVE 7 GPM (0.75 HP PUMP END, 0.75 HP MOTOR)

7-3WQP-0.75HP-3R

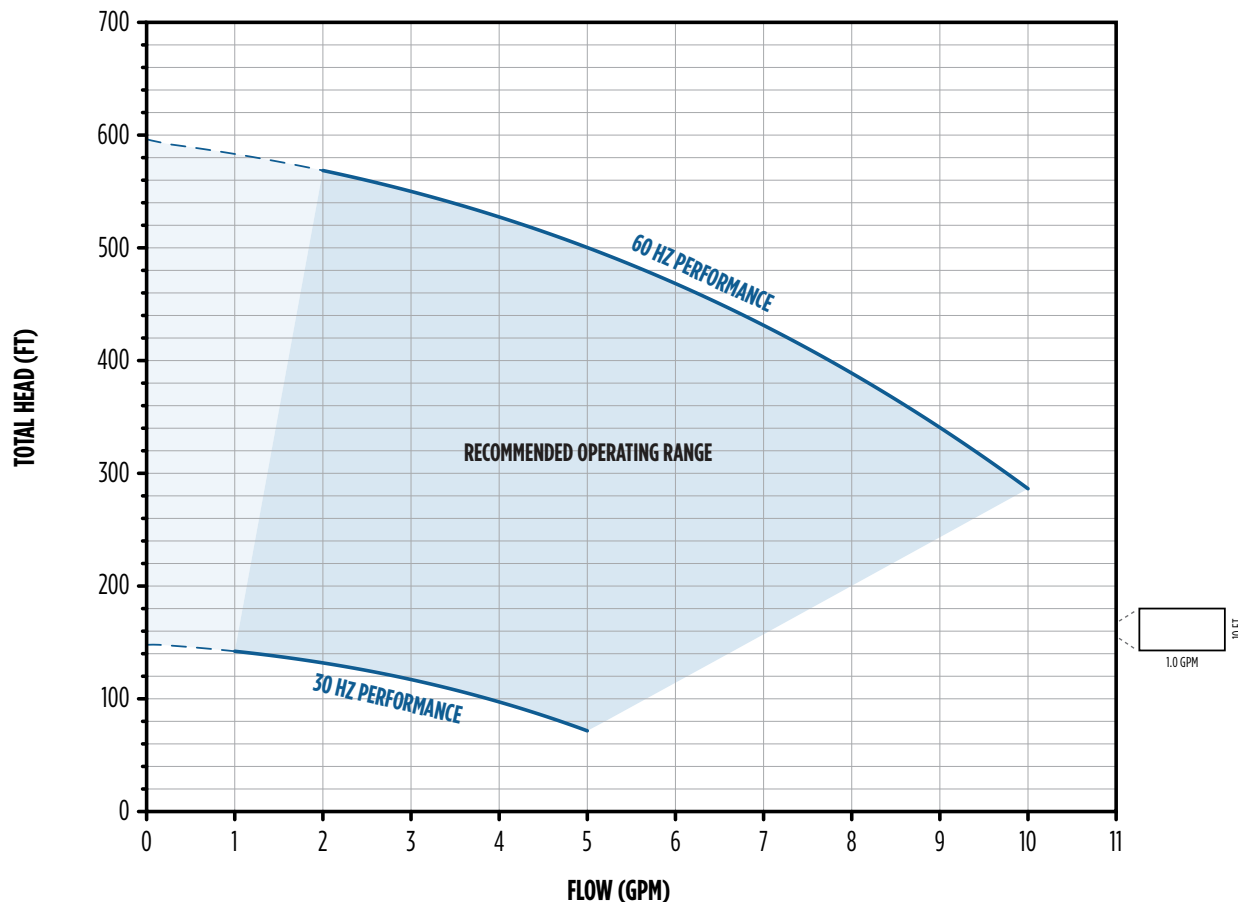


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)															
		0	20	40	60	80	100	120	140	160	180	200	240	280	320	360	400
3/4	0										11	11	10	8	7	6	4
	10								11	11	10	10	9	8	6	5	2
	20							11	11	10	10	9	8	7	5	3	0
	30						11	11	10	10	9	9	8	6	4	1	0
	40					11	11	10	10	9	9	8	7	5	3	0	
	50				11	11	10	10	9	9	8	7	6	4	0		
	60			11	11	10	10	9	8	8	7	6	5	2	0		
	70	11	11	10	10	9	9	8	8	7	6	6	3	0			
	80	11	10	10	9	9	8	8	7	6	5	4	1	0			
Shut-off psi		190	181	173	164	155	147	138	129	121	112	103	86	69	52	34	17

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVE 7 GPM (1 HP PUMP END, 1 HP MOTOR)

7-3WQP-1.0HP-3R

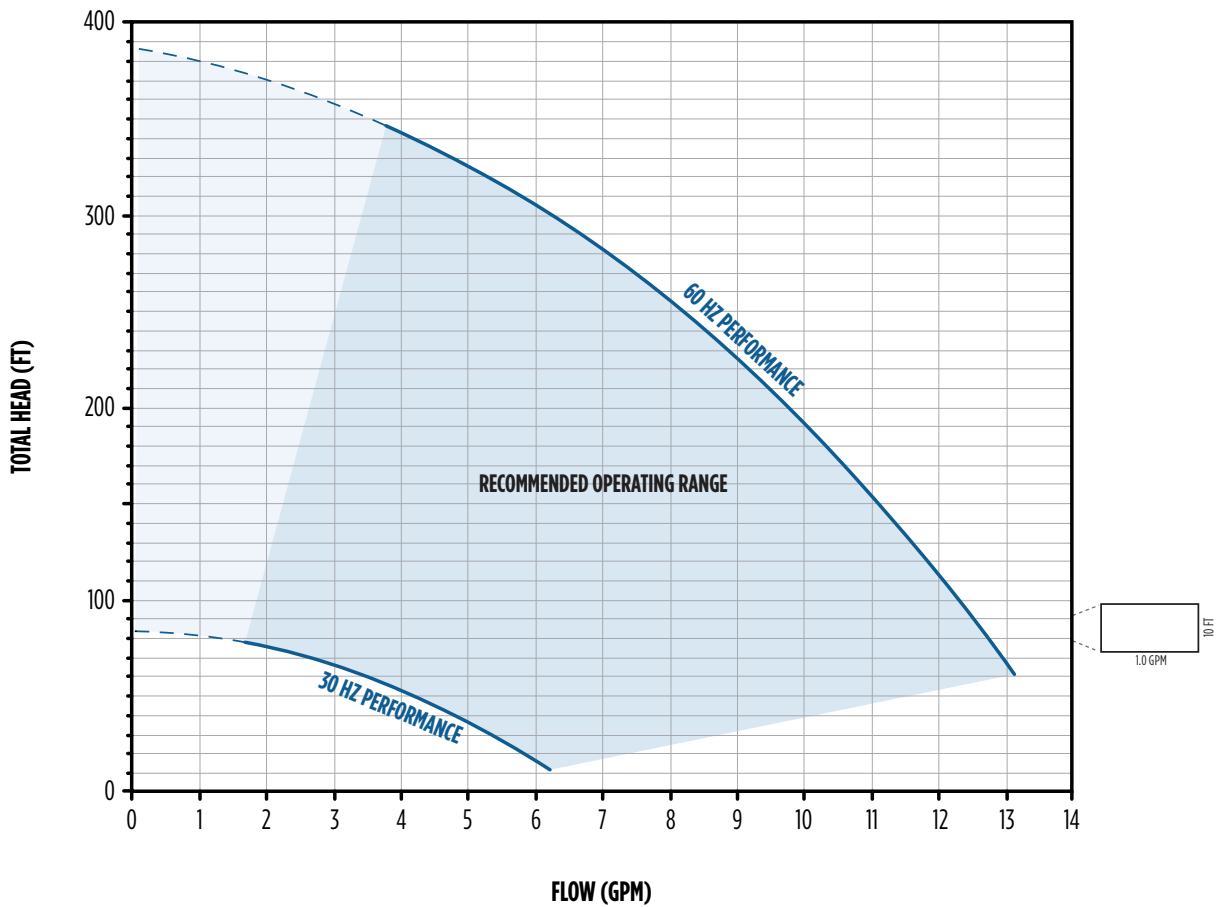


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																			
		0	20	40	60	80	100	120	140	160	180	200	240	280	320	360	400	440	480	500	550
1	0										11	11	10	9	9	8	7	6	5	3	
	10									11	11	10	10	9	8	7	6	5	4	2	
	20									11	11	10	9	8	8	7	6	4	3	0	
	30								11	11	10	10	9	8	7	6	5	3	2	0	
	40								11	10	10	9	8	7	6	5	4	2	0		
	50						11	10	10	10	9	9	8	7	6	5	3	0			
	60					11	10	10	10	9	9	8	7	6	5	4	1	0			
	70				11	10	10	10	9	9	9	8	7	6	4	2	0				
80			11	11	10	10	10	9	9	8	8	7	6	5	3	1	0				
Shut-off psi		258	249	241	232	223	215	206	197	189	180	171	154	137	119	102	85	68	50	42	20

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVE 10 GPM (0.5 HP PUMP END, 0.5 HP MOTOR)

10-3WQP-0.5HP-3R

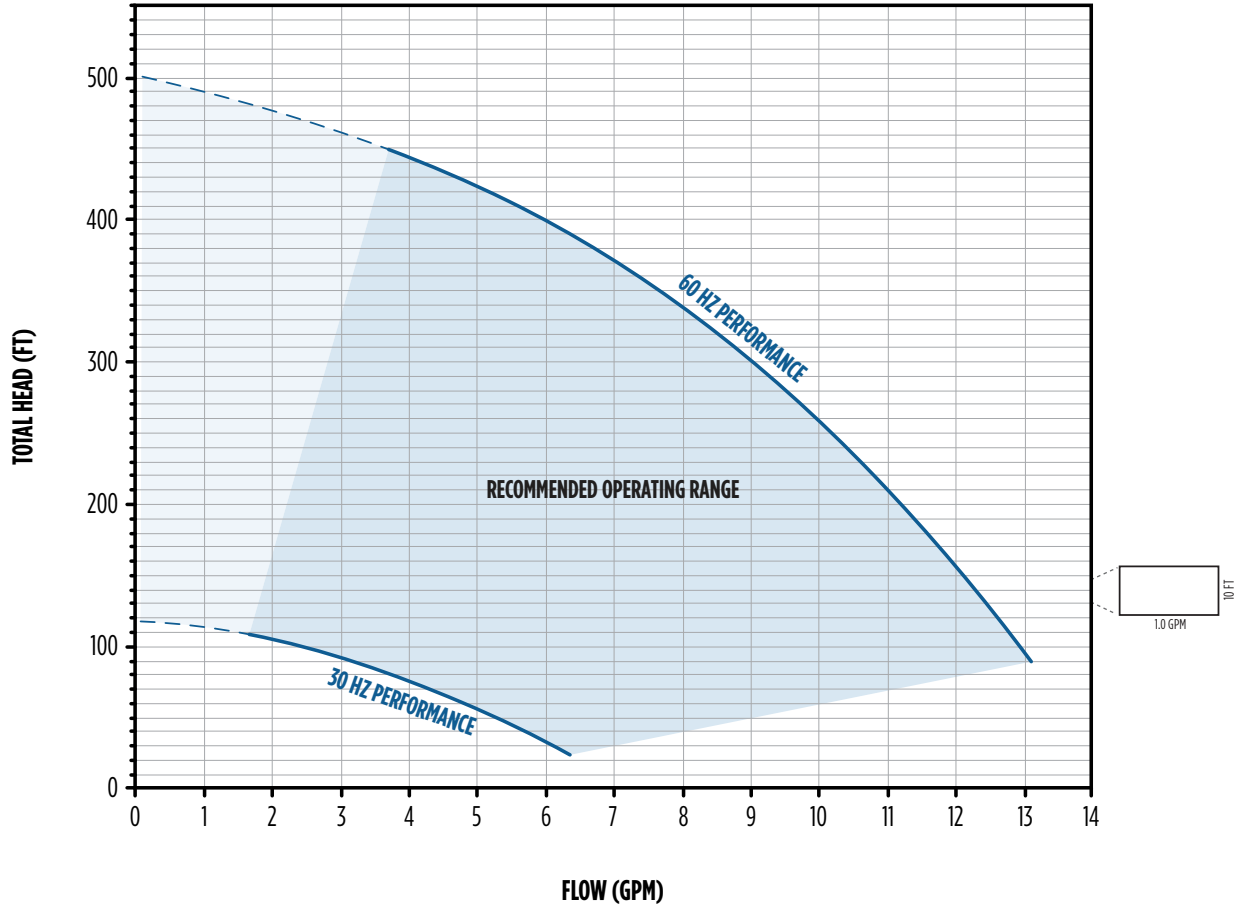


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)											
		20	40	60	80	100	120	140	160	180	200	250	300
1/2	0				12.7	12.3	11.9	11.4	10.9	10.4	9.8	8.3	6.3
	10			12.7	12.2	11.8	11.3	10.8	10.3	9.7	9.1	7.4	5.2
	20	13.0	12.6	12.2	11.7	11.2	10.7	10.2	9.6	9.0	8.4	6.5	3.9
	30	12.5	12.1	11.6	11.2	10.7	10.1	9.5	8.9	8.3	7.6	5.4	2.1
	40	12.0	11.6	11.1	10.6	10.0	9.5	8.8	8.2	7.4	6.6	4.1	
	50	11.5	11.0	10.5	9.9	9.4	8.7	8.1	7.3	6.5	5.6	2.5	
	60	10.9	10.4	9.9	9.3	8.6	8.0	7.2	6.4	5.4	4.3		
	70	10.3	9.8	9.2	8.5	7.8	7.1	6.2	5.3	4.2	2.8		
	80	9.7	9.1	8.4	7.7	7.0	6.1	5.1	4.0	2.5	0.4		
	90	9.0	8.3	7.6	6.8	6.0	5.0	3.8	2.2				
	100	8.2	7.5	6.7	5.8	4.8	3.6	2.0					
	110	7.4	6.6	5.7	4.6	3.3	1.7						
	120	6.4	5.5	4.4	3.1	1.3							
	130	5.4	4.2	2.9	1.0								
	140	4.1	2.6	0.6									
	150	2.4	0.2										
160													
Shut-off-psi		159	150	142	133	124	116	107	98	90	81	60	38

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVE 10 GPM (0.75 HP PUMP END, 0.75 HP MOTOR)

10-3WQP-0.75HP-3R

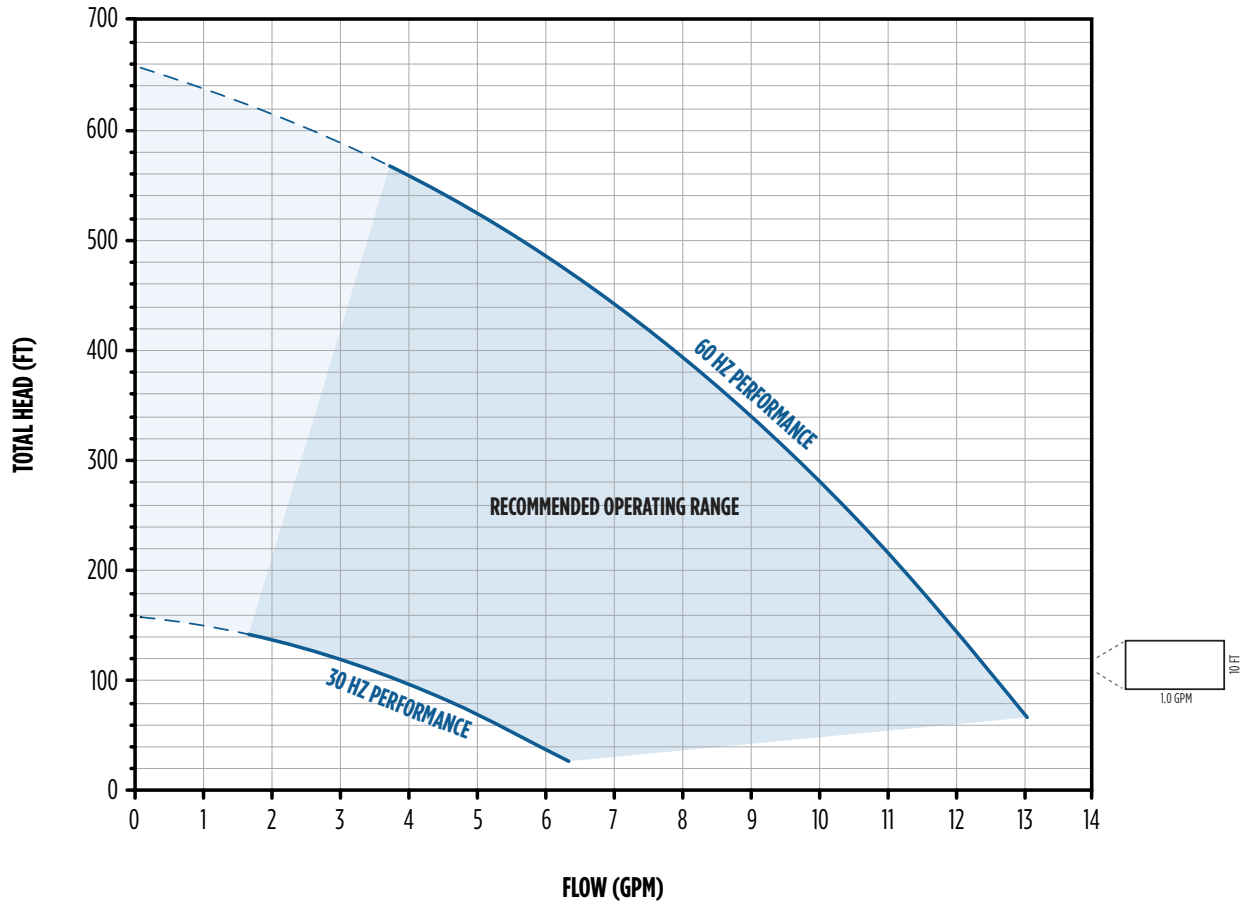


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)														
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450
3/4	0					13.0	12.6	12.3	12.0	11.6	11.2	10.2	9.1	7.7	6.0	3.7
	10				12.9	12.6	12.3	11.9	11.6	11.2	10.8	9.7	8.5	7.0	5.1	2.3
	20			12.9	12.5	12.2	11.9	11.5	11.1	10.7	10.3	9.2	7.8	6.1	3.9	0.5
	30		12.8	12.5	12.2	11.8	11.4	11.1	10.7	10.2	9.8	8.6	7.1	5.2	2.6	
	40	12.8	12.4	12.1	11.8	11.4	11.0	10.6	10.2	9.7	9.3	7.9	6.3	4.1	0.9	
	50	12.4	12.1	11.7	11.3	10.9	10.5	10.1	9.7	9.2	8.7	7.2	5.4	2.8		
	60	12.0	11.6	11.3	10.9	10.5	10.0	9.6	9.1	8.6	8.0	6.4	4.3	1.2		
	70	11.6	11.2	10.8	10.4	10.0	9.5	9.0	8.5	7.9	7.3	5.5	3.1			
	80	11.1	10.8	10.3	9.9	9.4	8.9	8.4	7.9	7.2	6.6	4.5	1.5			
	90	10.7	10.3	9.8	9.4	8.9	8.3	7.8	7.1	6.5	5.7	3.3				
	100	10.2	9.8	9.3	8.8	8.2	7.7	7.0	6.3	5.6	4.7	1.8				
	110	9.7	9.2	8.7	8.2	7.6	6.9	6.2	5.4	4.5	3.5					
	120	9.1	8.6	8.1	7.5	6.8	6.1	5.3	4.4	3.3	2.0					
	130	8.5	8.0	7.4	6.7	6.0	5.2	4.2	3.1	1.8						
	140	7.9	7.3	6.6	5.9	5.0	4.1	3.0	1.6							
	150	7.2	6.5	5.7	4.9	3.9	2.8	1.3								
160	6.4	5.6	4.8	3.8	2.6	1.1										
Shut-off-psi		208	200	191	182	174	165	156	148	139	130	109	87	66	44	22

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVE 10 GPM (1 HP PUMP END, 1 HP MOTOR)

10-3WQP-1.0HP-3R

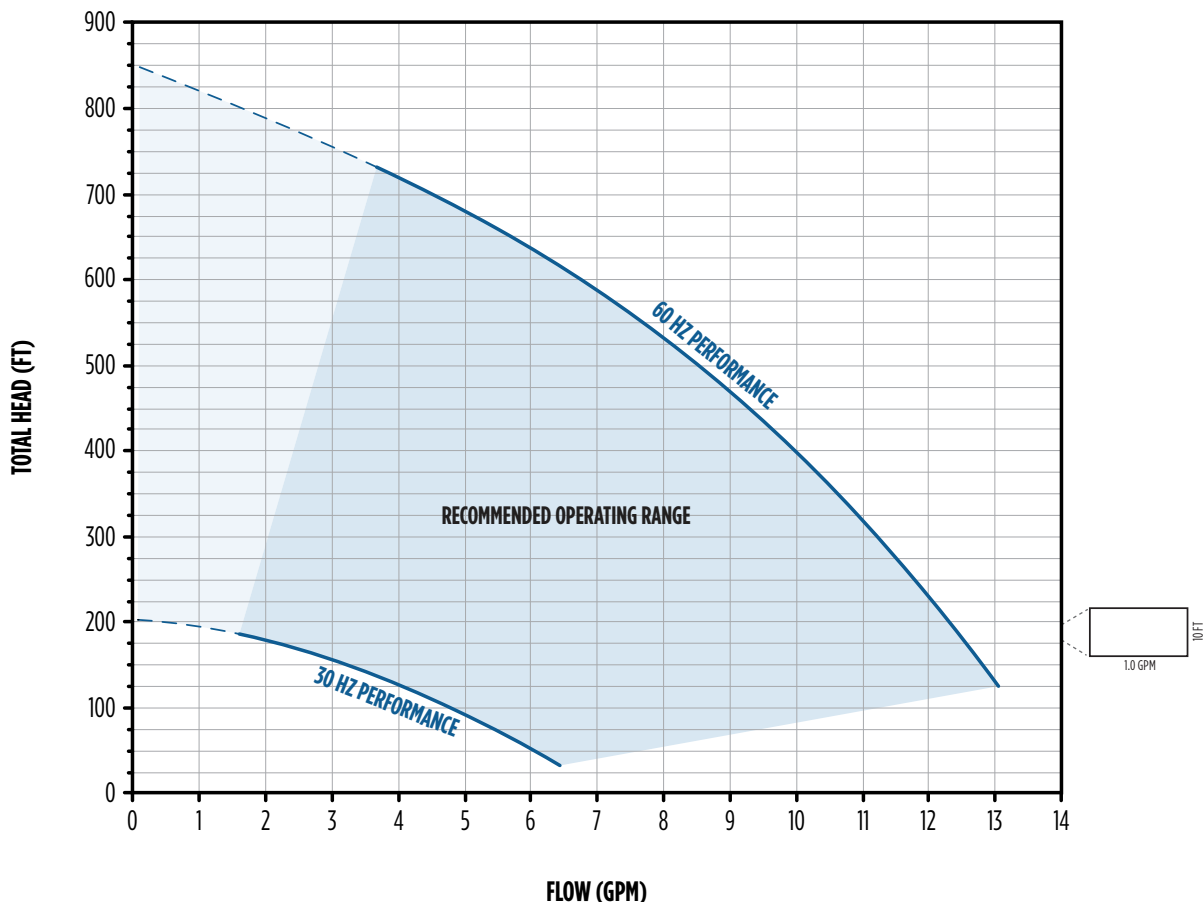


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550
1	0				12.9	12.7	12.4	12.1	11.9	11.6	11.3	10.5	9.7	8.9	7.9	6.9	5.7	4.4
	10			12.9	12.6	12.4	12.1	11.8	11.5	11.2	10.9	10.2	9.3	8.4	7.4	6.3	5.1	3.6
	20		12.9	12.6	12.3	12.1	11.8	11.5	11.2	10.9	10.6	9.8	8.9	8.0	7.0	5.8	4.5	2.9
	30	12.8	12.6	12.3	12.0	11.7	11.4	11.2	10.9	10.5	10.2	9.4	8.5	7.5	6.4	5.2	3.8	2.0
	40	12.5	12.2	12.0	11.7	11.4	11.1	10.8	10.5	10.2	9.8	9.0	8.1	7.0	5.9	4.6	3.0	0.9
	50	12.2	11.9	11.6	11.4	11.1	10.8	10.4	10.1	9.8	9.5	8.6	7.6	6.5	5.3	3.9	2.1	
	60	11.9	11.6	11.3	11.0	10.7	10.4	10.1	9.7	9.4	9.1	8.1	7.1	6.0	4.7	3.1	1.1	
	70	11.6	11.3	11.0	10.7	10.3	10.0	9.7	9.4	9.0	8.6	7.7	6.6	5.4	4.0	2.3		
	80	11.2	10.9	10.6	10.3	10.0	9.6	9.3	8.9	8.6	8.2	7.2	6.1	4.8	3.3	1.3		
	90	10.9	10.6	10.2	9.9	9.6	9.2	8.9	8.5	8.1	7.8	6.7	5.5	4.1	2.4			
	100	10.5	10.2	9.9	9.5	9.2	8.8	8.5	8.1	7.7	7.3	6.2	4.9	3.4	1.4			
	110	10.1	9.8	9.5	9.1	8.8	8.4	8.0	7.6	7.2	6.8	5.6	4.2	2.6	0.2			
	120	9.8	9.4	9.1	8.7	8.4	8.0	7.6	7.1	6.7	6.3	5.0	3.5	1.6				
	130	9.4	9.0	8.7	8.3	7.9	7.5	7.1	6.6	6.2	5.7	4.3	2.7	0.5				
	140	9.0	8.6	8.2	7.8	7.4	7.0	6.6	6.1	5.6	5.1	3.6	1.8					
	150	8.6	8.2	7.8	7.4	6.9	6.5	6.0	5.5	5.0	4.5	2.8	0.7					
	160	8.1	7.7	7.3	6.9	6.4	6.0	5.5	4.9	4.4	3.8	1.9						
Shut-off-psi		276	267	259	250	241	233	224	215	207	198	176	155	133	111	90	68	46

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVEXT 10 GPM (1.5 HP PUMP END, 1.5 HP MOTOR)

10-3WQP-1.5HP-3R

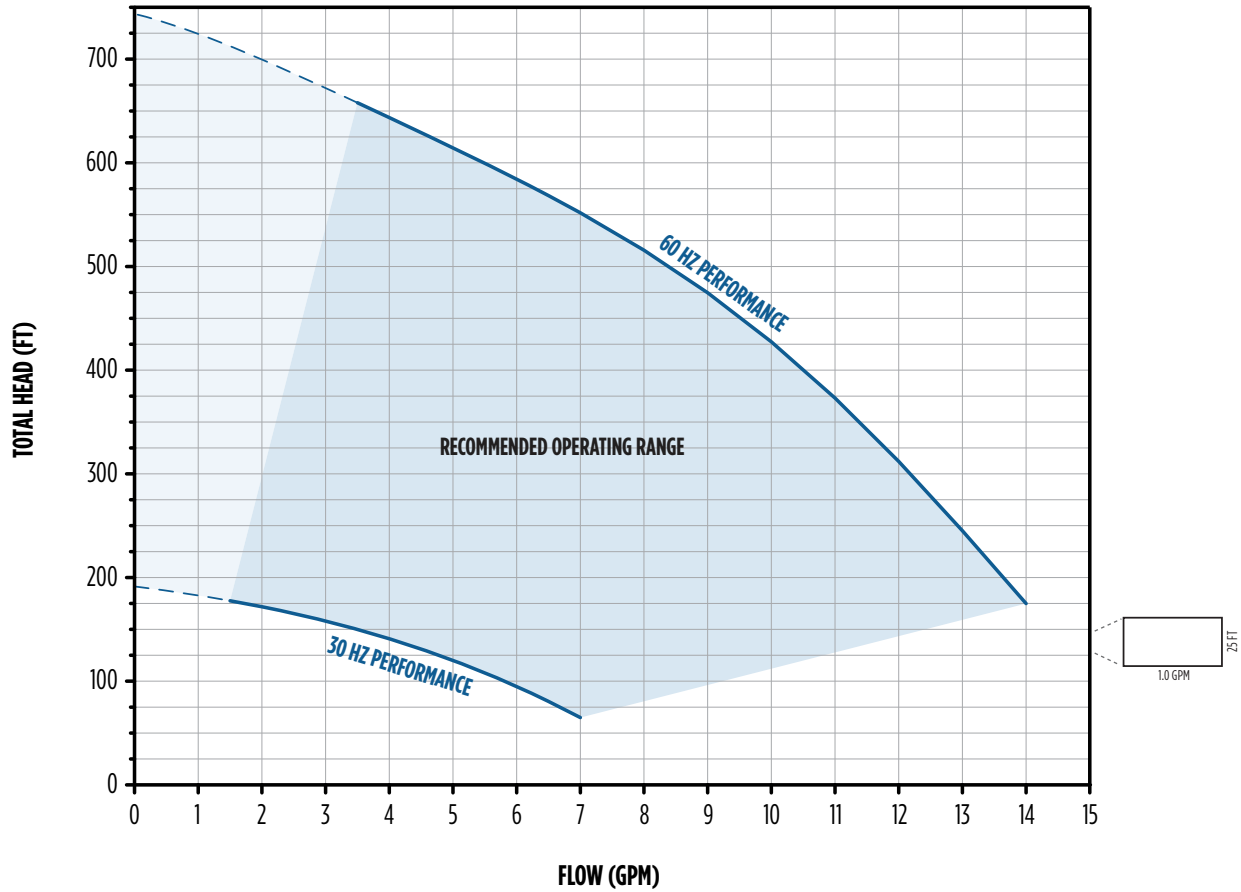


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																			
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550	600	650	700
1.5	0							13.0	12.8	12.6	12.4	11.8	11.3	10.7	10.0	9.3	8.6	7.7	6.8	5.8	4.6
	10						12.9	12.7	12.5	12.3	12.1	11.6	11.0	10.4	9.7	9.0	8.2	7.3	6.4	5.3	4.0
	20					12.9	12.7	12.5	12.3	12.1	11.9	11.3	10.7	10.1	9.4	8.6	7.8	6.9	5.9	4.7	3.4
	30			12.9	12.7	12.5	12.3	12.1	11.8	11.6	11.0	10.4	9.8	9.1	8.3	7.4	6.4	5.3	4.1	2.7	
	40		13.0	12.8	12.6	12.4	12.2	12.0	11.8	11.6	11.4	10.8	10.1	9.4	8.7	7.9	7.0	5.9	4.8	3.5	2.0
	50	13.0	12.8	12.6	12.4	12.2	12.0	11.8	11.6	11.3	11.1	10.5	9.8	9.1	8.3	7.5	6.5	5.4	4.2	2.8	1.2
	60	12.8	12.6	12.4	12.2	12.0	11.7	11.5	11.3	11.1	10.8	10.2	9.5	8.8	7.9	7.0	6.0	4.9	3.6	2.1	0.5
	70	12.5	12.3	12.1	11.9	11.7	11.5	11.3	11.0	10.8	10.5	9.9	9.2	8.4	7.5	6.6	5.5	4.3	2.9	1.4	
	80	12.3	12.1	11.9	11.7	11.4	11.2	11.0	10.7	10.5	10.2	9.6	8.8	8.0	7.1	6.1	5.0	3.7	2.2	0.6	
	90	12.1	11.9	11.6	11.4	11.2	10.9	10.7	10.4	10.2	9.9	9.2	8.5	7.6	6.7	5.6	4.4	3.0	1.5		
	100	11.8	11.6	11.4	11.1	10.9	10.7	10.4	10.2	9.9	9.6	8.9	8.1	7.2	6.2	5.1	3.8	2.3	0.7		
	110	11.6	11.3	11.1	10.9	10.6	10.4	10.1	9.8	9.6	9.3	8.5	7.7	6.7	5.7	4.5	3.1	1.6			
	120	11.3	11.1	10.8	10.6	10.3	10.1	9.8	9.5	9.2	8.9	8.1	7.3	6.3	5.2	3.9	2.5	0.9			
	130	11.0	10.8	10.5	10.3	10.0	9.8	9.5	9.2	8.9	8.6	7.7	6.8	5.8	4.6	3.2	1.7				
	140	10.8	10.5	10.3	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.3	6.3	5.2	4.0	2.6	1.0				
	150	10.5	10.2	9.9	9.7	9.4	9.1	8.8	8.5	8.1	7.8	6.9	5.9	4.7	3.4	1.9	0.2				
	160	10.2	9.9	9.6	9.3	9.0	8.7	8.4	8.1	7.8	7.4	6.4	5.3	4.1	2.7	1.1					
Shut-off-psi		360	351	343	334	325	317	308	299	291	282	260	239	217	195	174	152	131	109	87	66

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVEXT 10 GPM (2 HP PUMP END, 2 HP MOTOR)

10-3WQP-2.0HP-3R

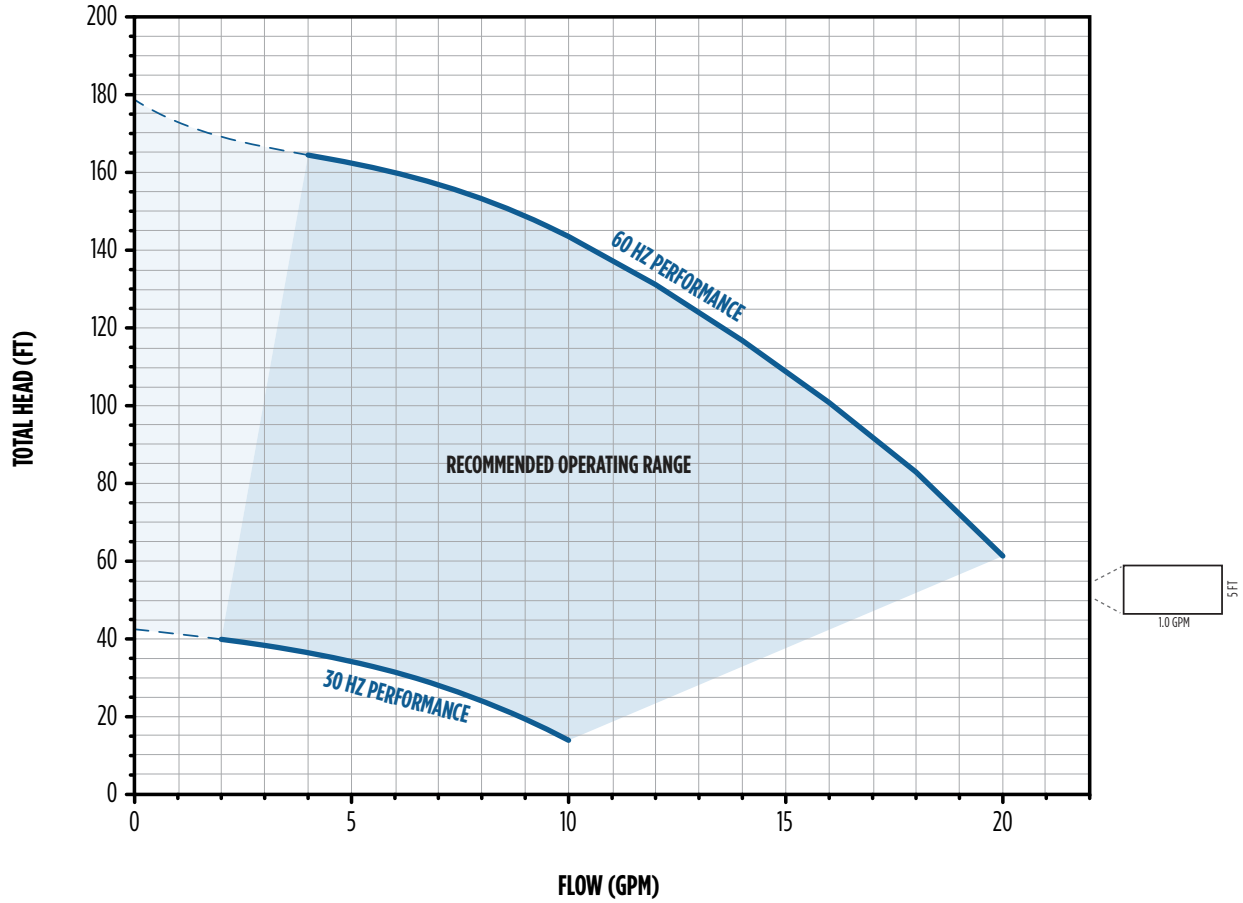


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																			
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550	600	650	700
2	0									13.9	13.6	12.9	12.2	11.4	10.6	9.5	8.3	7.0	5.5	3.8	2.0
	10								13.9	13.5	13.2	12.6	11.9	11.1	10.1	9.0	7.7	6.3	4.8	3.0	1.0
	20							13.8	13.5	13.2	12.9	12.2	11.5	10.6	9.6	8.4	7.1	5.6	4.0	2.1	
	30						13.8	13.5	13.2	12.9	12.6	11.9	11.1	10.2	9.1	7.8	6.4	4.9	3.1	1.2	
	40					13.7	13.4	13.1	12.8	12.6	12.3	11.6	10.7	9.7	8.5	7.2	5.7	4.1	2.3	0.2	
	50			14.0	13.7	13.4	13.1	12.8	12.5	12.3	12.0	11.2	10.3	9.2	7.9	6.6	5.0	3.3	1.3		
	60		14.0	13.6	13.3	13.0	12.8	12.5	12.2	11.9	11.6	10.8	9.8	8.6	7.3	5.9	4.2	2.4	0.3		
	70	13.9	13.6	13.3	13.0	12.7	12.4	12.2	11.9	11.6	11.3	10.3	9.3	8.0	6.7	5.1	3.4	1.5			
	80	13.5	13.2	12.9	12.7	12.4	12.1	11.8	11.5	11.2	10.8	9.9	8.7	7.4	6.0	4.4	2.6	0.5			
	90	13.2	12.9	12.6	12.4	12.1	11.8	11.5	11.1	10.8	10.4	9.4	8.1	6.8	5.3	3.6	1.6				
	100	12.9	12.6	12.3	12.0	11.7	11.4	11.1	10.7	10.4	9.9	8.8	7.5	6.1	4.5	2.7	0.7				
	110	12.6	12.3	12.0	11.7	11.4	11.0	10.7	10.3	9.9	9.4	8.2	6.9	5.4	3.7	1.8					
	120	12.2	11.9	11.6	11.3	11.0	10.6	10.2	9.8	9.4	8.9	7.6	6.2	4.6	2.9	0.8					
	130	11.9	11.6	11.3	10.9	10.6	10.2	9.7	9.3	8.8	8.3	7.0	5.5	3.8	2.0						
	140	11.5	11.2	10.9	10.5	10.1	9.7	9.2	8.8	8.3	7.7	6.3	4.7	3.0	1.0						
	150	11.2	10.8	10.4	10.0	9.6	9.2	8.7	8.2	7.7	7.1	5.6	4.0	2.1							
	160	9.8	9.4	8.9	8.5	7.9	7.4	6.8	6.3	5.6	5.0	3.3	1.3								
Shut-off psi		313	305	296	287	279	270	261	253	244	235	214	192	170	149	127	106	84	62	41	19

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVE 15 GPM (0.5 HP PUMP END, 0.5 HP MOTOR)

15-3WQP-0.5HP-3R

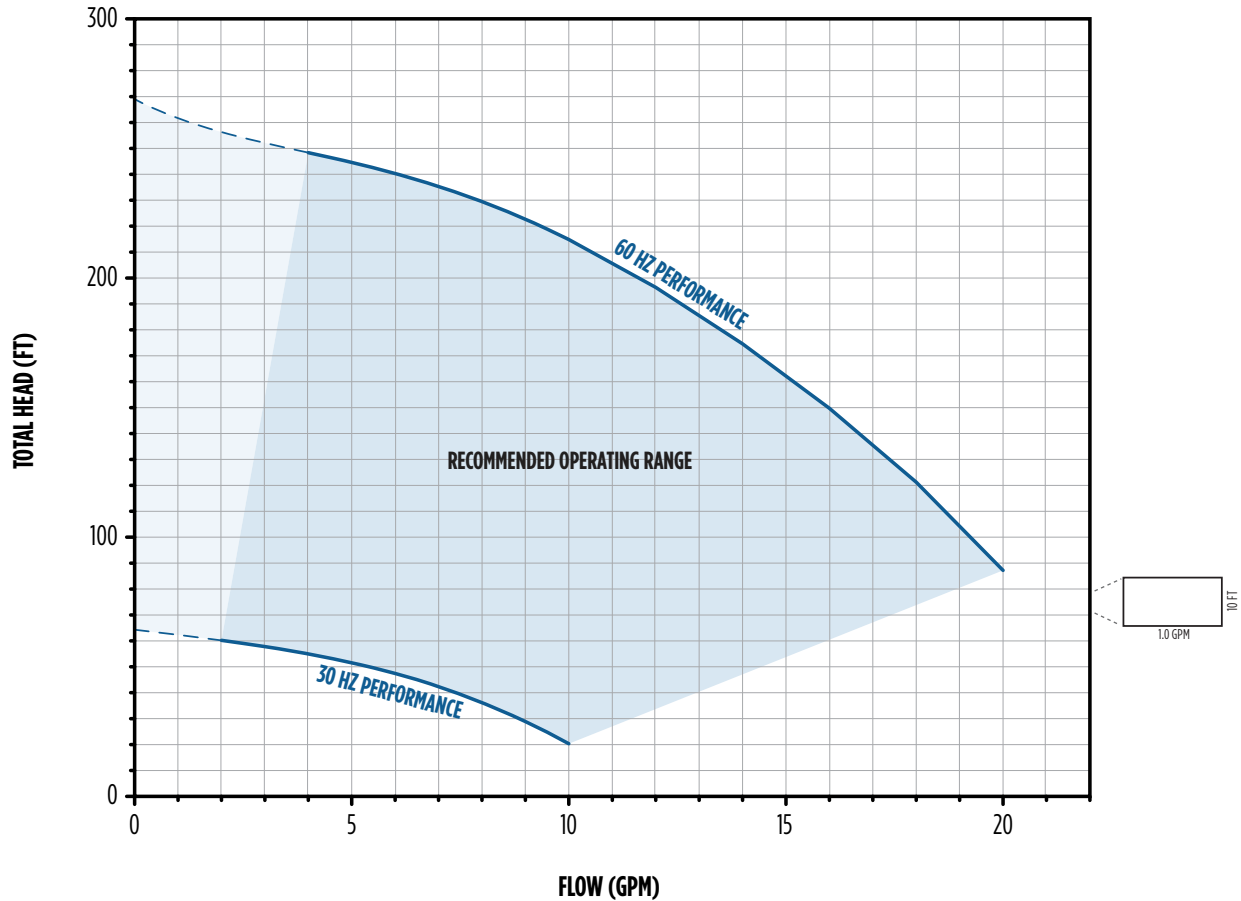


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)								
		20	40	60	80	100	120	140	160	180
1/2	0				18.8	15.6	13.7	11.1	5.5	
	10		20.2	18.3	15.2	13.4	10.5	4.4		
	20	20.3	17.7	14.9	13.1	9.8	3.4			
	30	17.2	14.6	12.8	9.0	2.3				
	40	14.3	12.4	8.0	1.3					
	50	11.9	7.1	0.4						
	60	6.0								
Shut-off psi		69	60	51	43	34	25	17	8	

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVE 15 GPM (0.75 HP PUMP END, 0.75 HP MOTOR)

15-3WQP-0.75HP-3R

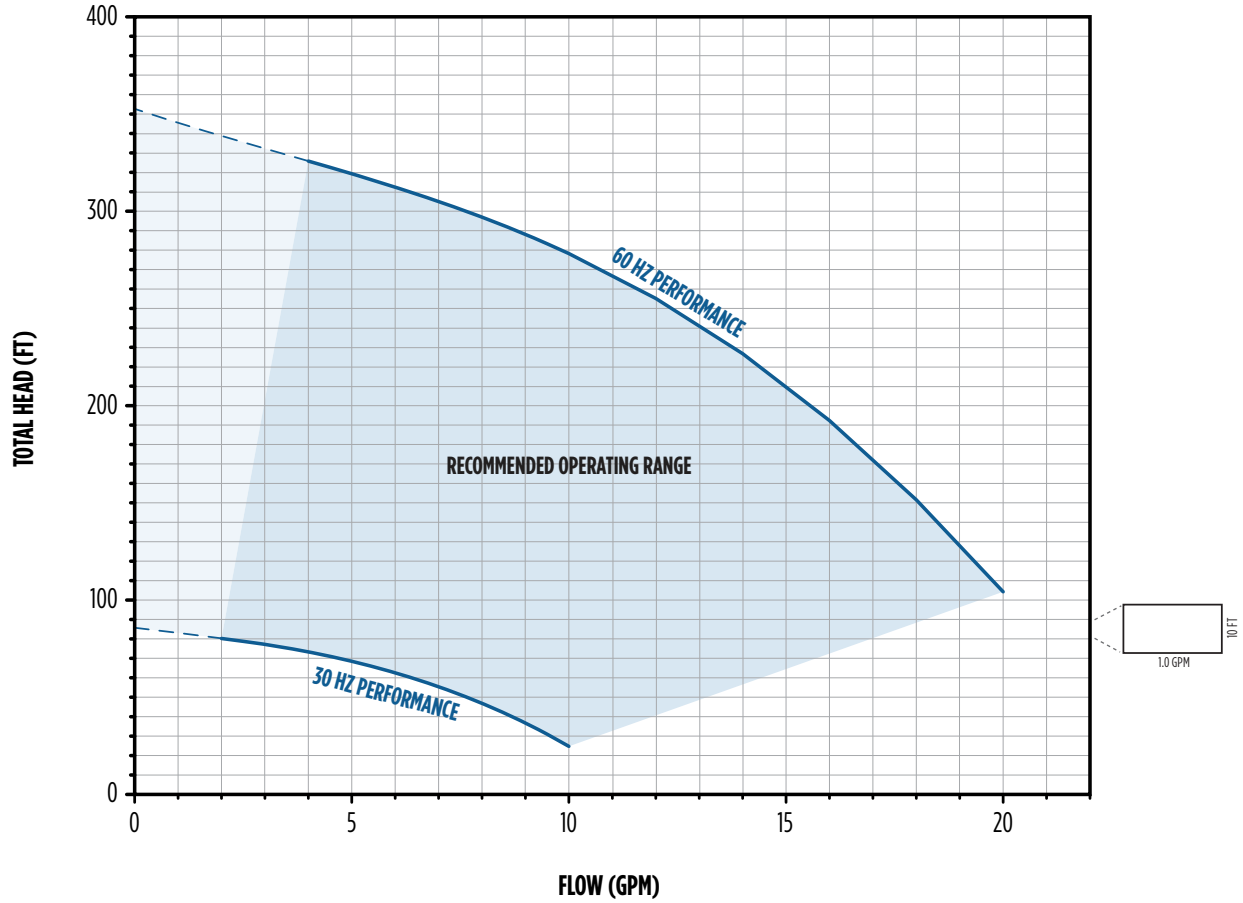


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)										
		20	40	60	80	100	120	140	160	180	200	250
3/4	0					20.0	18.3	16.4	14.9	13.6	12.0	3.6
	10				19.8	18.0	16.1	14.7	13.4	11.7	9.0	
	20			19.6	17.7	15.9	14.5	13.2	11.4	8.5	4.4	
	30	20.1	19.3	17.4	15.7	14.3	13.0	11.0	7.9	3.8		
	40	19.1	17.1	15.4	14.1	12.7	10.6	7.3	3.1			
	50	16.8	15.2	13.9	12.5	10.2	6.7	2.4				
	60	15.0	13.7	12.2	9.7	6.1	1.7					
	70	13.5	11.9	9.2	5.4	1.1						
	80	11.5	8.7	4.8	0.5							
	90	8.2	4.1									
	100	3.4										
Shut-off psi		108	99	90	82	73	65	56	47	39	30	8

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVE 15 GPM (1 HP PUMP END, 1 HP MOTOR)

15-3WQP-1.0HP-3R

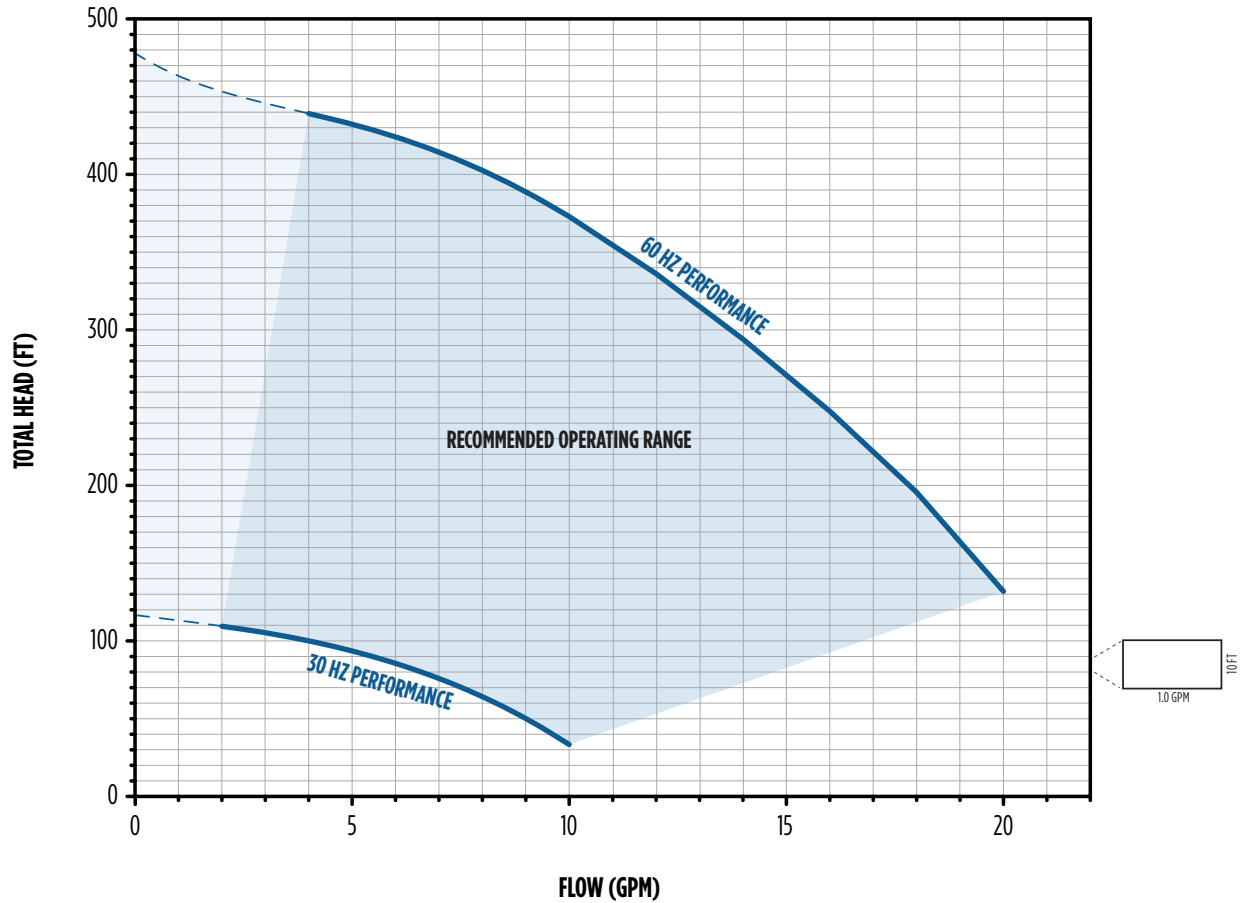


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)												
		20	40	60	80	100	120	140	160	180	200	250	300	
1	0						19.5	19.6	18.7	17.6	16.5	15.5	12.5	7.6
	10						19.5	18.5	17.4	16.4	15.3	14.2	10.6	4.4
	20			20.0	19.3	18.4	17.3	16.2	15.2	14.1	12.8	8.1	0.9	
	30		19.9	19.2	18.2	17.1	16.0	15.0	13.9	12.6	10.9	5.0		
	40	19.8	19.1	18.0	16.9	15.9	14.8	13.7	12.3	10.6	8.5	1.5		
	50	18.9	17.8	16.8	15.7	14.7	13.5	12.1	10.3	8.1	5.5			
	60	17.7	16.6	15.6	14.5	13.3	11.8	10.0	7.8	5.1	2.1			
	70	16.4	15.4	14.3	13.1	11.6	9.7	7.4	4.6	1.6				
	80	15.2	14.1	12.9	11.3	9.4	7.0	4.2	1.1					
	90	14.0	12.7	11.0	9.0	6.6	3.7	0.7						
	100	12.4	10.8	8.7	6.1	3.2	0.2							
	110	10.5	8.3	5.7	2.8									
	120	7.9	5.3	2.3										
	130	4.8	1.8											
140	1.3													
Shut-off psi		144	135	127	118	109	101	92	83	75	66	44	23	

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVEXT 15 GPM (1.5 HP PUMP END, 1.5 HP MOTOR)

15-3WQP-1.5HP-3R

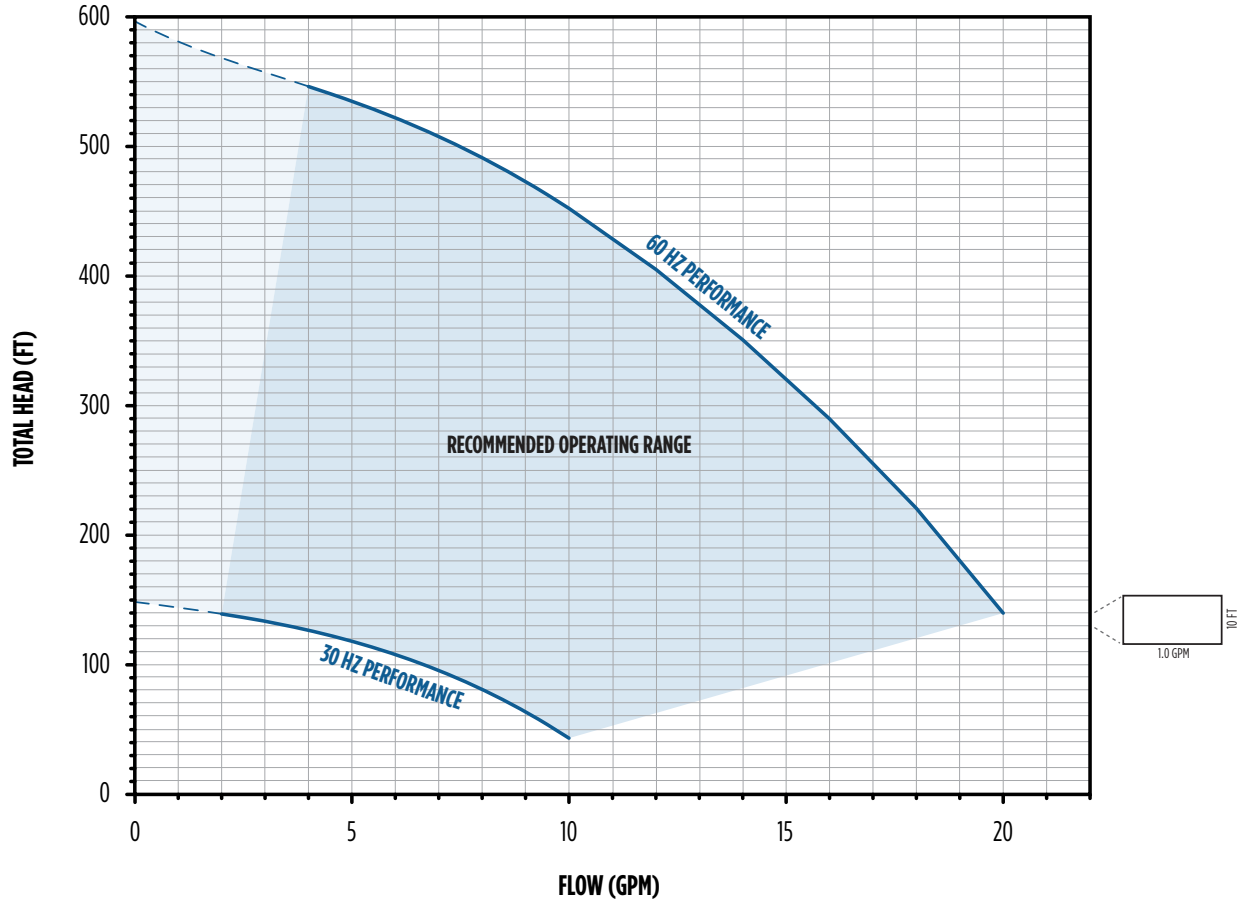


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)														
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450
1.5	0							20.1	19.9	19.1	18.0	15.5	13.7	11.7	8.1	2.7
	10						20.1	19.8	18.9	17.8	16.8	14.6	12.9	10.3	5.8	0.1
	20					20.1	19.7	18.8	17.7	16.6	15.7	13.8	11.9	8.5	3.1	
	30				20.1	19.6	18.6	17.5	16.5	15.5	14.7	13.1	10.6	6.2	0.5	
	40		20.0	20.1	19.4	18.4	17.3	16.3	15.4	14.6	14.0	12.1	8.8	3.5		
	50	20.1	20.0	19.3	18.3	17.2	16.1	15.3	14.5	13.9	13.2	10.8	6.6	0.9		
	60	19.9	19.1	18.1	17.0	16.0	15.1	14.4	13.8	13.1	12.3	9.1	4.0			
	70	19.0	17.9	16.8	15.9	15.0	14.3	13.7	13.0	12.1	11.1	7.0	1.3			
	80	17.8	16.7	15.7	14.9	14.2	13.6	12.9	12.0	10.9	9.4	4.4				
	90	16.5	15.6	14.8	14.1	13.5	12.7	11.8	10.7	9.2	7.4	1.8				
	100	15.5	14.7	14.0	13.4	12.6	11.7	10.5	8.9	7.0	4.9					
	110	14.6	13.9	13.2	12.5	11.5	10.3	8.7	6.7	4.5	2.2					
	120	13.8	13.1	12.3	11.3	10.0	8.4	6.4	4.2	1.8						
	130	13.0	12.2	11.2	9.8	8.1	6.1	3.8	1.5							
	140	12.1	11.0	9.6	7.8	5.7	3.4	1.1								
	150	10.8	9.3	7.5	5.4	3.1	0.8									
160	4.3	2.0														
Shut-off psi		198	190	181	172	164	155	146	138	129	120	99	77	55	34	12

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVEXT 15 GPM (2 HP PUMP END, 2 HP MOTOR)

15-3WQP-2.0HP-3R

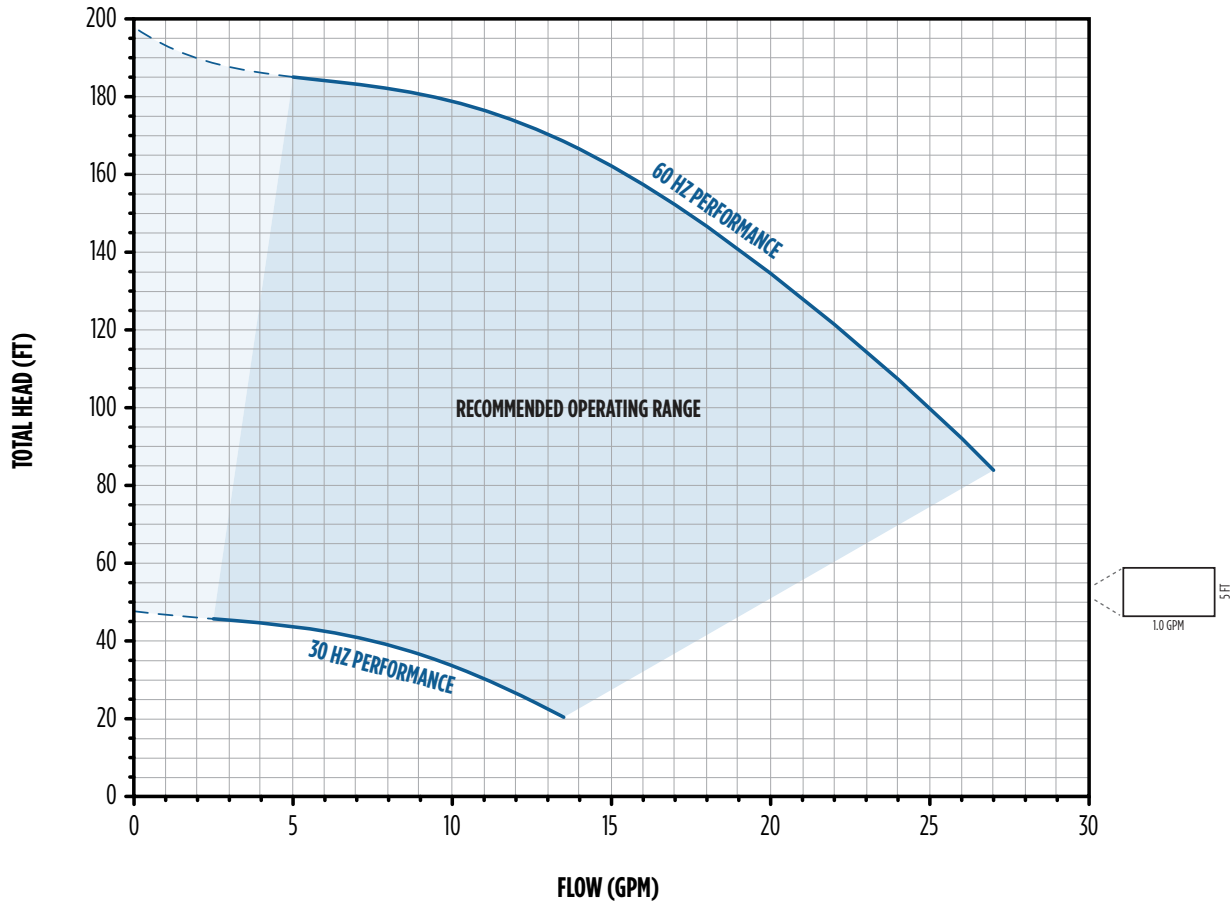


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)																
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550
2	0							20.0	19.8	19.4	18.8	17.1	15.5	14.0	12.4	10.3	7.4	3.7
	10						20.0	19.8	19.3	18.7	18.1	16.3	14.8	13.3	11.5	9.1	5.8	1.7
	20					20.0	19.7	19.2	18.6	18.0	17.3	15.6	14.1	12.5	10.5	7.6	4.0	
	30				19.9	19.6	19.1	18.5	17.8	17.1	16.5	14.9	13.4	11.6	9.3	6.0	2.1	
	40			19.9	19.6	19.1	18.4	17.7	17.0	16.4	15.7	14.2	12.6	10.6	7.9	4.3	0.1	
	50		19.9	19.5	19.0	18.3	17.6	16.9	16.3	15.6	15.0	13.5	11.8	9.5	6.3	2.4		
	60	19.8	19.4	18.9	18.2	17.5	16.8	16.2	15.5	14.9	14.3	12.8	10.8	8.1	4.6	0.4		
	70	19.4	18.8	18.1	17.4	16.7	16.1	15.4	14.8	14.2	13.6	11.9	9.7	6.6	2.7			
	80	18.7	18.0	17.3	16.6	16.0	15.3	14.7	14.1	13.5	12.9	11.0	8.4	4.9	0.8			
	90	17.9	17.2	16.5	15.9	15.2	14.6	14.0	13.4	12.8	12.1	9.9	6.9	3.0				
	100	17.1	16.4	15.8	15.1	14.5	13.9	13.3	12.7	12.0	11.2	8.6	5.2	1.1				
	110	16.3	15.7	15.0	14.4	13.8	13.2	12.6	11.8	11.0	10.1	7.1	3.3					
	120	15.6	15.0	14.4	13.8	13.1	12.5	11.7	10.9	9.9	8.8	5.5	1.4					
	130	14.9	14.3	13.7	13.0	12.4	11.6	10.7	9.8	8.6	7.4	3.6						
	140	14.2	13.6	12.9	12.2	11.5	10.6	9.6	8.5	7.2	5.7	1.7						
	150	13.5	12.8	12.1	11.3	10.5	9.4	8.3	7.0	5.5	3.9							
	160	10.9	10.0	8.9	7.7	6.3	4.8	3.2	1.5									
Shut-off psi		250	241	232	224	215	206	198	189	180	172	150	128	107	85	63	42	20

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVE 20 GPM (0.75 HP PUMP END, 0.75 HP MOTOR)

20-3WQP-0.75HP-3R

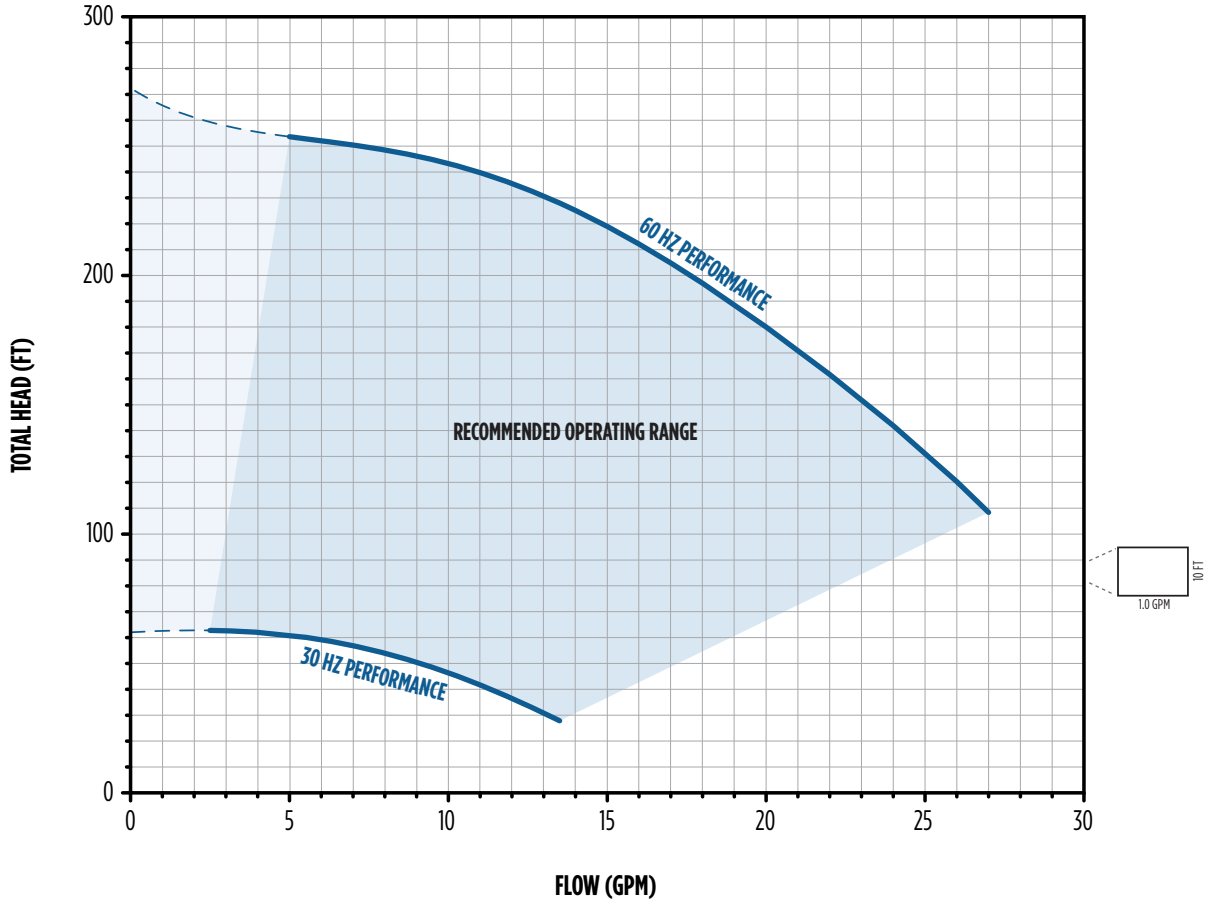


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)								
		20	40	60	80	100	120	140	160	180
3/4	0					25.1	22.3	18.4	14.0	8.3
	10				24.7	21.7	17.8	13.3	7.1	
	20		26.7	24.3	21.2	17.1	12.5	5.8		
	30	26.3	23.9	20.6	16.4	11.7	4.3			
	40	23.5	20.0	15.8	10.8	2.6				
	50	19.4	15.1	9.8	0.7					
	60	14.3	8.8							
	70	7.7								
Shut-off psi		77	68	60	51	42	34	25	16	8

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVE 20 GPM (1 HP PUMP END, 1 HP MOTOR)

20-3WQP-1.0HP-3R

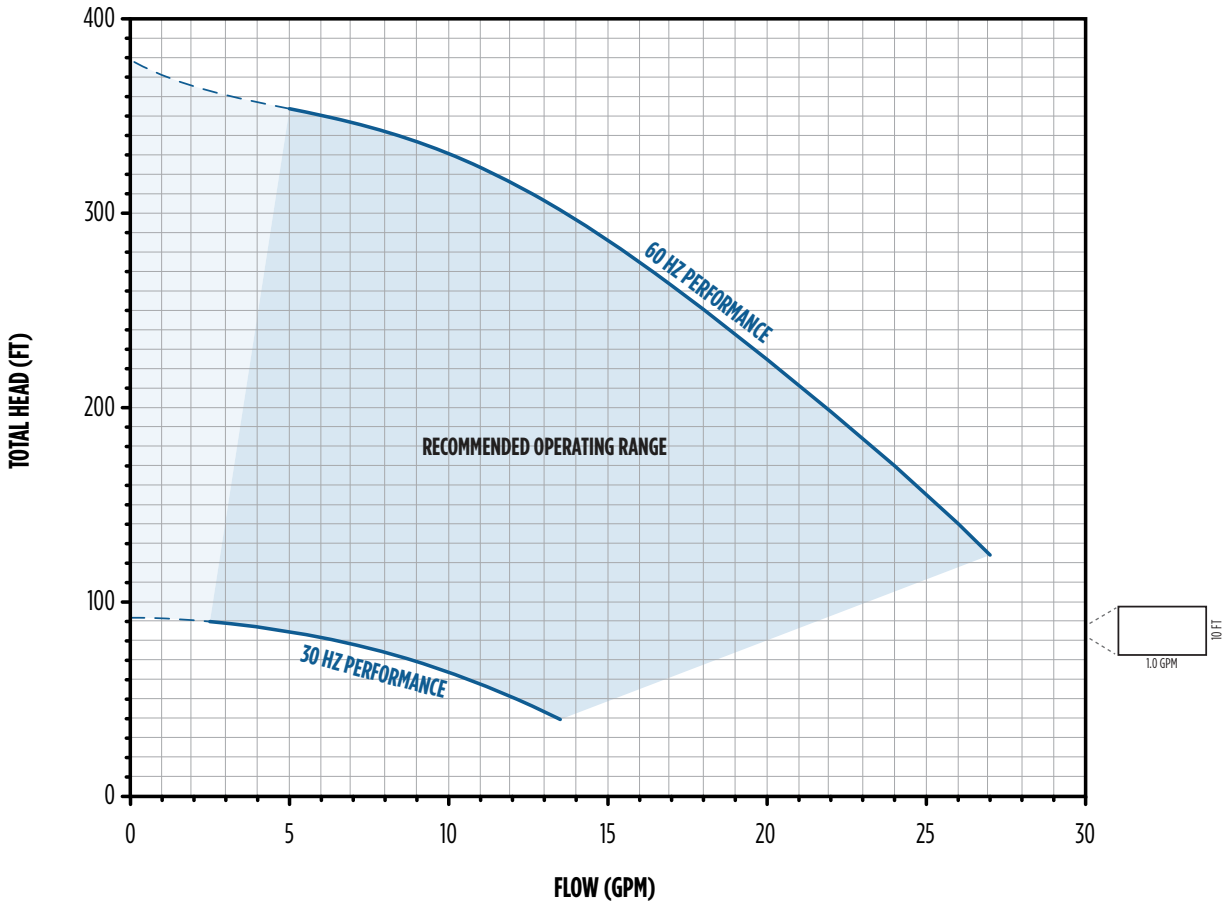


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)										
		20	40	60	80	100	120	140	160	180	200	250
1	0						26.0	24.4	22.3	19.6	16.5	7.3
	10					25.7	24.1	21.9	19.1	16.0	12.7	
	20				25.5	23.8	21.5	18.7	15.5	12.2	8.2	
	30		26.9	25.2	23.5	21.1	18.2	15.0	11.6	7.4	0.7	
	40	26.6	25.0	23.2	20.7	17.7	14.5	11.1	6.6			
	50	24.8	22.8	20.2	17.2	14.0	10.5	5.7				
	60	22.5	19.8	16.7	13.5	9.9	4.8					
	70	19.3	16.2	13.0	9.2	3.7						
	80	15.7	12.4	8.5	2.6							
	90	11.9	7.8	1.3								
100	7.0											
Shut-off psi		109	101	92	83	75	66	57	49	40	31	10

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVEXT 20 GPM (1.5 HP PUMP END, 1.5 HP MOTOR)

20-3WQP-1.5HP-3R

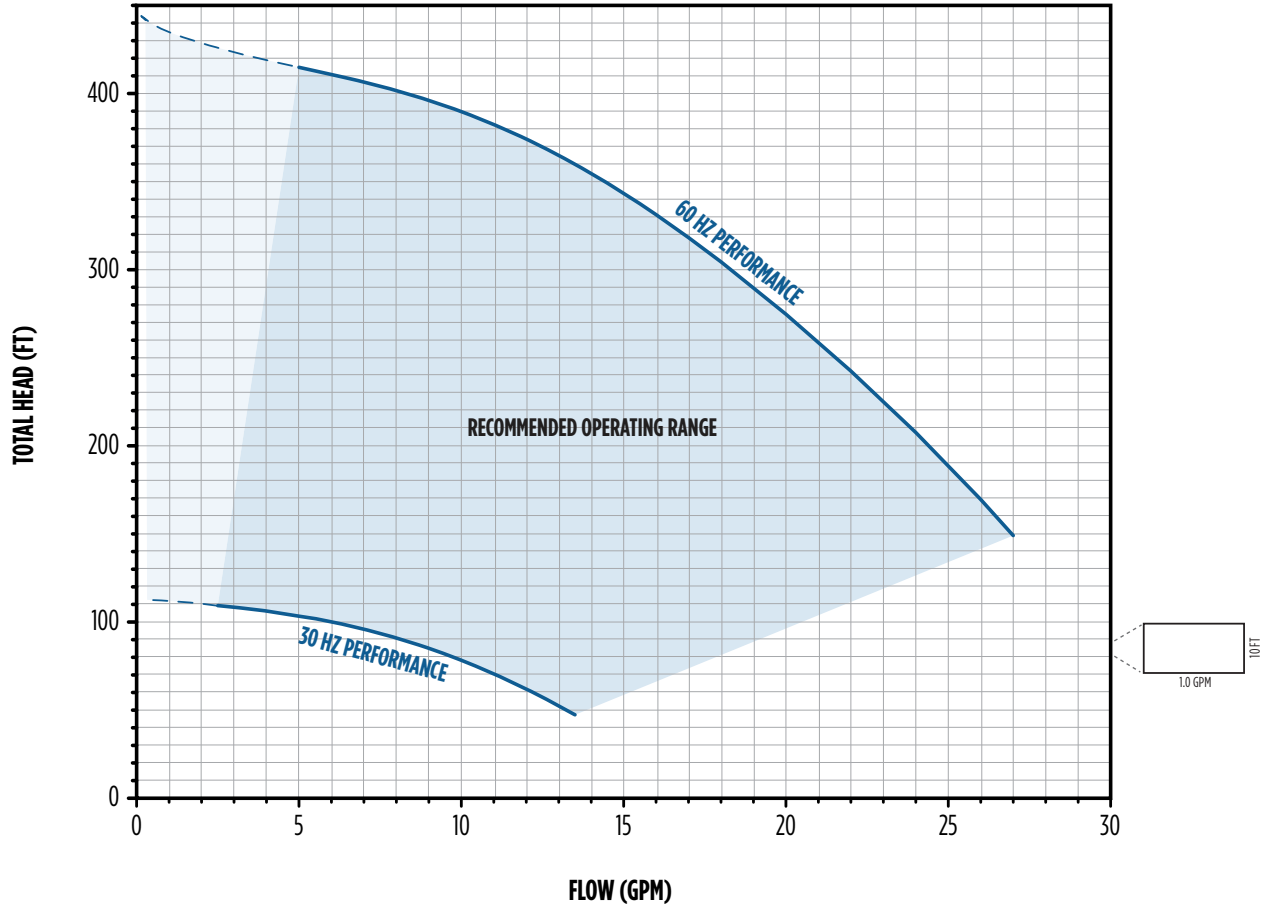


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)												
		20	40	60	80	100	120	140	160	180	200	250	300	350
1.5	0							25.8	24.7	23.6	22.1	17.0	11.9	6.8
	10						25.6	24.5	23.4	21.9	19.9	14.5	9.9	1.5
	20				26.9	25.4	24.4	23.2	21.6	19.6	17.4	12.3	7.4	
	30			26.6	25.2	24.2	23.0	21.3	19.3	17.0	14.8	10.3	2.6	
	40		26.3	25.1	24.0	22.7	21.0	18.9	16.7	14.5	12.6	7.9		
	50	26.1	24.9	23.9	22.5	20.7	18.6	16.3	14.2	12.3	10.6	3.6		
	60	24.7	23.7	22.3	20.4	18.2	16.0	13.9	12.1	10.3	8.4			
	70	23.5	22.0	20.1	17.9	15.7	13.6	11.8	10.1	8.0	4.6			
	80	21.7	19.8	17.5	15.3	13.3	11.5	9.8	7.6	3.8				
	90	19.4	17.2	15.0	13.0	11.3	9.5	7.1	3.0					
	100	16.8	14.7	12.7	11.0	9.2	6.6	2.1						
	110	14.4	12.4	10.7	8.9	6.1	1.2							
	120	12.2	10.5	8.5	5.5	0.1								
	130	10.2	8.2	4.9										
	140	7.8	4.2											
150	3.4													
Shut-off psi		155	147	138	129	121	112	103	95	86	77	56	34	13

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVEXT 20 GPM (2 HP PUMP END, 2 HP MOTOR)

20-3WQP-2.0HP-3R

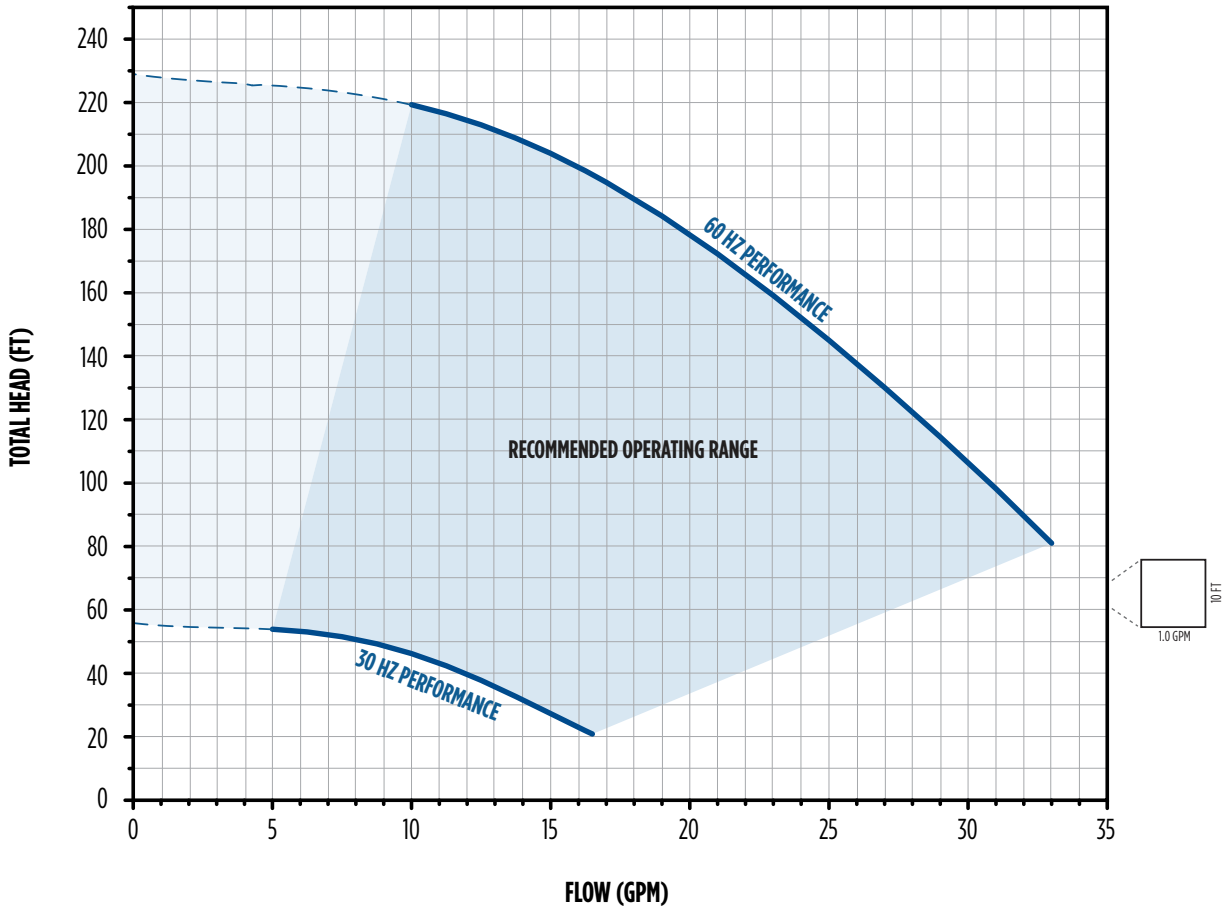


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)													
		20	40	60	80	100	120	140	160	180	200	250	300	350	400
2	0								26.2	25.2	24.5	21.8	17.3	12.6	8.1
	10							26.0	25.1	24.4	23.5	19.9	15.0	10.7	4.8
	20						25.8	25.0	24.3	23.3	22.1	17.7	13.0	8.6	
	30				27.1	25.7	24.9	24.1	23.2	21.9	20.2	15.4	11.0	5.5	
	40			26.8	25.5	24.7	24.0	23.0	21.6	19.9	18.0	13.3	9.0	0.2	
	50		26.6	25.4	24.6	23.9	22.8	21.4	19.7	17.7	15.8	11.3	6.1		
	60	26.3	25.3	24.5	23.7	22.6	21.1	19.4	17.4	15.5	13.6	9.3	1.3		
	70	25.1	24.4	23.6	22.4	20.9	19.1	17.1	15.2	13.4	11.7	6.7			
	80	24.3	23.4	22.2	20.6	18.8	16.8	14.9	13.1	11.4	9.7	2.3			
	90	23.3	22.0	20.3	18.5	16.5	14.6	12.8	11.1	9.4	7.2				
	100	21.7	20.1	18.2	16.2	14.3	12.6	10.9	9.1	6.8	3.2				
	110	19.8	17.9	15.9	14.0	12.3	10.6	8.8	6.3	2.4					
	120	17.6	15.6	13.8	12.0	10.4	8.5	5.8	1.7						
	130	15.3	13.5	11.8	10.1	8.1	5.3	0.8							
	140	13.2	11.5	9.8	7.8	4.7									
	150	11.3	9.5	7.4	4.1										
160	2.0														
Shut-off psi		184	175	166	158	149	140	132	123	114	106	84	63	41	19

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVE 25 GPM (1 HP PUMP END, 1 HP MOTOR)

25-3WQP-1.0HP-3R

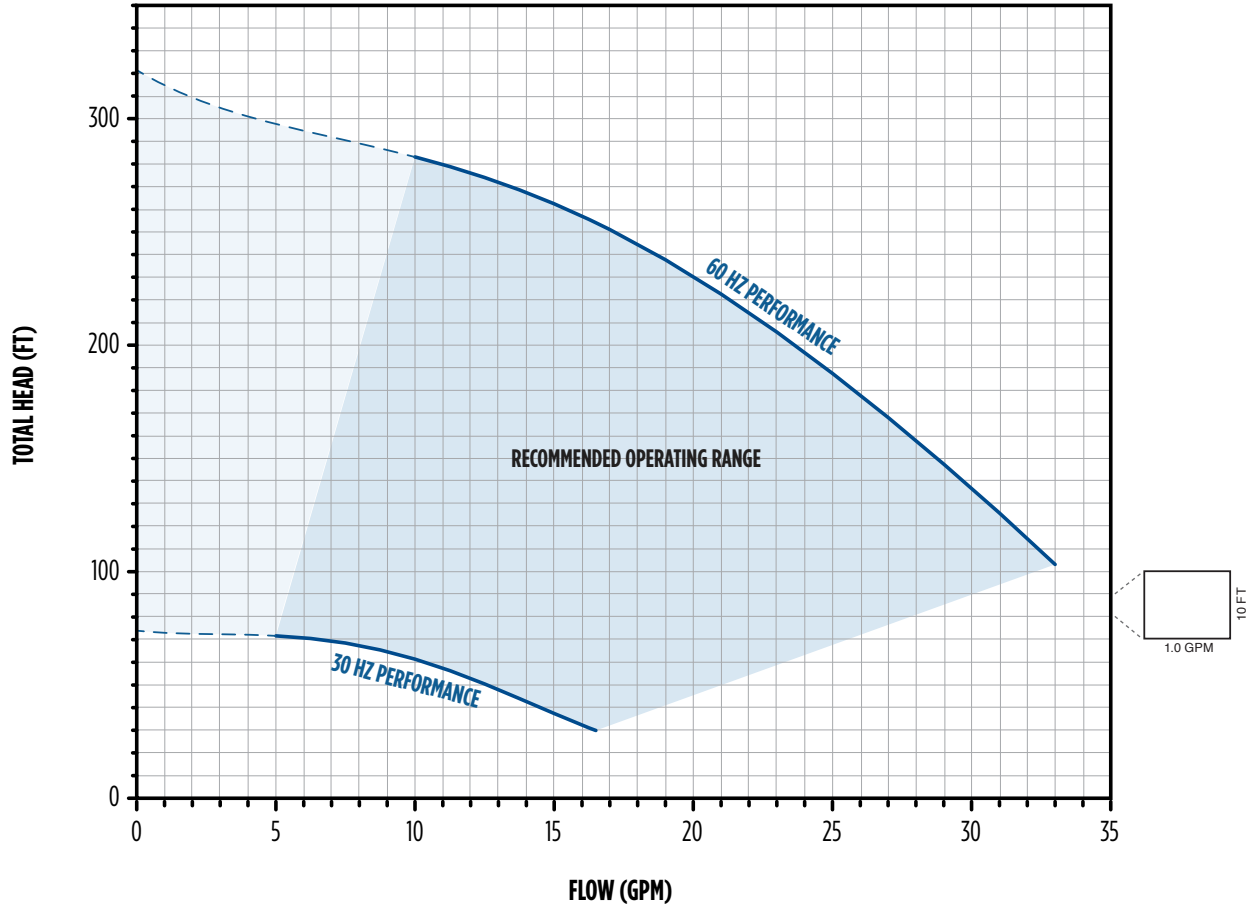


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)									
		20	40	60	80	100	120	140	160	180	200
1	0					30.1	28.9	26.1	22.2	19.1	16.5
	10			32.6	29.9	28.6	25.5	21.6	18.7	15.9	6.4
	20		31.8	29.8	28.3	24.9	21.1	18.4	15.2	3.5	
	30	31.2	29.6	27.9	24.3	20.6	18.0	14.3			
	40	29.5	27.4	23.7	20.1	17.7	13.1				
	50	26.9	23.1	19.7	17.3	11.6					
	60	22.5	19.3	16.8	9.8						
	70	18.9	16.2	7.6							
	80	15.6	4.9								
90	1.6										
Shut-off psi		90	82	73	65	56	47	39	30	21	13

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVEXT 25 GPM (1.5 HP PUMP END, 1.5 HP MOTOR)

25-3WQP-1.5HP-3R

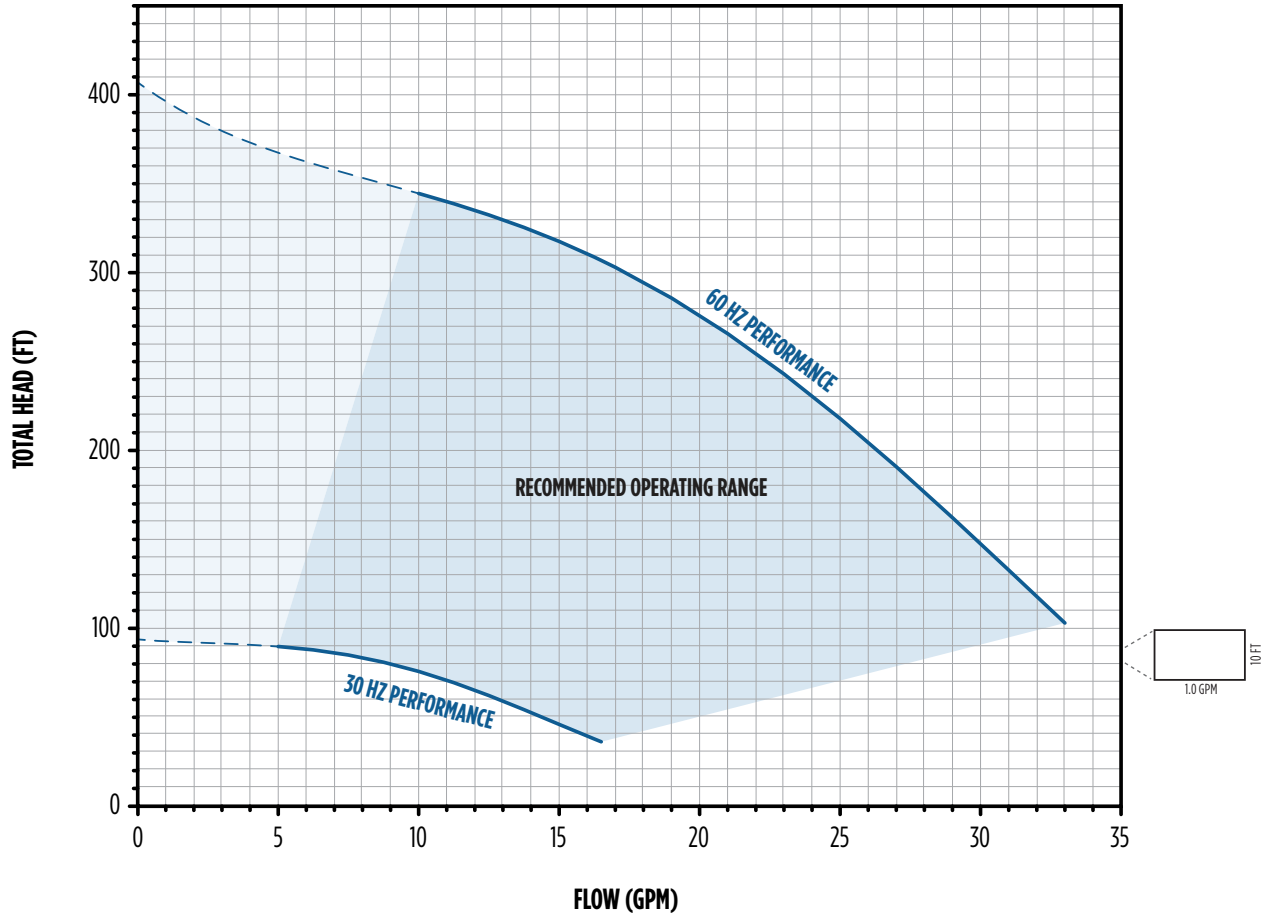


HP	PSI	Depth to Pumping Water Level, or Lift (in feet)											
		20	40	60	80	100	120	140	160	180	200	250	300
1.5	0						32.2	29.9	27.4	25.3	23.6	17.5	4.6
	10					31.9	29.5	27.0	25.1	23.4	21.4	12.2	
	20			32.8	31.5	29.1	26.7	24.8	23.1	21.1	18.2	5.7	
	30		32.8	31.2	28.7	26.4	24.5	22.8	20.7	17.6	13.2		
	40	32.7	30.8	28.3	26.1	24.3	22.5	20.3	17.0	12.4	6.8		
	50	30.4	27.9	25.8	24.0	22.2	19.9	16.4	11.5	5.9	0.7		
	60	27.6	25.5	23.7	21.9	19.4	15.7	10.7	5.0	0.1			
	70	25.2	23.5	21.6	18.9	15.0	9.8	4.1					
	80	23.2	21.3	18.4	14.3	9.0	3.3						
	90	20.9	17.9	13.5	8.1	2.5							
	100	17.3	12.7	7.2	1.7								
	110	11.9	6.3	1.0									
120	5.4	0.4											
Shut-off psi		130	122	113	105	96	87	79	70	61	53	31	9

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

MONODRIVEXT 25 GPM (2 HP PUMP END, 2 HP MOTOR)

25-3WQP-2.0HP-3R



HP	PSI	Depth to Pumping Water Level, or Lift (in feet)													
		20	40	60	80	100	120	140	160	180	200	250	300	350	400
2	0						32.3	30.8	29.1	27.4	26.0	22.7	17.5	8.7	0.5
	10				32.8	31.9	30.3	28.6	27.0	25.6	24.3	23.0	18.0	9.4	0.8
	20			32.8	31.7	30.0	28.3	26.7	25.4	24.1	22.7	21.1	14.5	4.9	
	30		32.8	31.7	30.0	28.3	26.7	25.4	24.1	22.7	21.1	14.5	4.9		
	40	32.7	31.4	29.8	28.0	26.5	25.2	23.9	22.5	20.8	18.5	10.2	1.2		
	50	31.2	29.5	27.8	26.3	25.0	23.7	22.3	20.5	18.1	15.1	5.6			
	60	29.2	27.5	26.1	24.8	23.5	22.0	20.2	17.7	14.6	10.9	1.7			
	70	27.3	25.9	24.6	23.3	21.8	19.8	17.3	14.1	10.3	6.4				
	80	25.7	24.4	23.1	21.5	19.5	16.8	13.5	9.7	5.8	2.3				
	90	24.2	22.8	21.2	19.1	16.4	13.0	9.1	5.2	1.8					
	100	22.6	20.9	18.7	15.9	12.4	8.5	4.6	1.4						
	110	20.6	18.3	15.4	11.8	7.9	4.0	1.1							
	120	17.9	14.9	11.2	7.3	3.5	0.7								
	130	14.3	10.6	6.6	3.0	0.5									
	140	10.0	6.0	2.5	0.3										
150	5.4	2.0	0.1												
Shut-off psi		167	159	150	142	133	124	116	107	98	90	68	46	25	3

Note: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

