

CONSTANT PRESSURE PUMP SYSTEMS



QuickPAK now available for
SubDrive 75, 150 & 300



What is SubDrive *QuickPAK*

SubDrive is Franklin Electric's variable frequency drive constant pressure system. SubDrive QuickPAK comprises of a Pump, Motor, Drive, Pressure tank and Sensor all in one quick and easy package. SubDrive controllers provide constant pressure by continually monitoring and adjusting the pump speed to meet water demands.

SubDrive also eliminates pressure fluctuations during long running applications such as reticulation/irrigation systems and other domestic and industrial uses.



Applications

- Residential Water Systems
 - City-like water pressure
 - Compact design saves space in garages and sheds
- Landscape Irrigation and Sprinkler Systems
 - Even distribution of water in zones
 - Eliminates need for separate system
- Water Treatment Systems
 - More efficient back-flushing
 - Eliminates need for multiple pumps
- Geothermal Heating Systems

Features and benefits

- Constant water pressure with a wide range of settings
- Soft start feature eliminates water hammer and increases motor life
- Works with small pressure tanks or with larger tanks already in place
- Smart Reset® technology allows well recovery before restarting the pump
- Single-phase input power with three-phase motor performance
- Excellent radio frequency interference shielding
- Wide operating voltage (190-260V)

Built-in Diagnostics and Protection

The SubDrive controller include diagnostic features and built-in protection for conditions that would be harmful to the system.

This protection includes:

- Surge protection
- Underload
- Undervoltage
- Locked pump
- Open circuit
- Short circuit
- Overheated controller

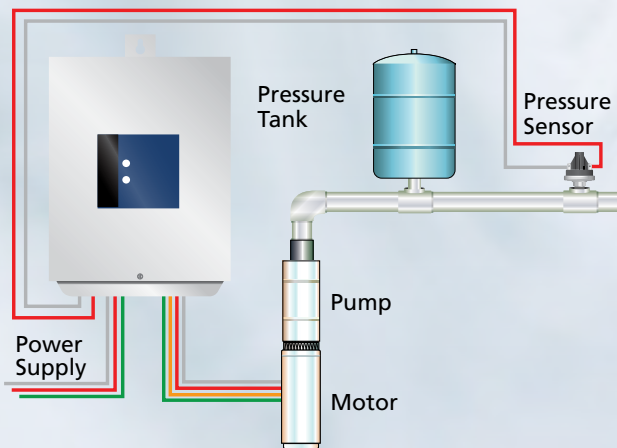


Franklin Electric

SubDrive 75



SubDrive System



SubDrive *QuickPAK*

All in one easy and quick package to get you pumping quickly.

- SubDrive Pump
- SubDrive Motor
- SubDrive Controller
- Pressure Gauge
- Pressure Sensor
- Splice Kit
- 18 Litre Pressure Tank

Also available:

- 8L to 80L Pressure Tanks
- Electrical Drop Cable
- Bore Accessories

* 5 Year Warranty

All SubDrive components: pump, motor, drive and tank are covered.

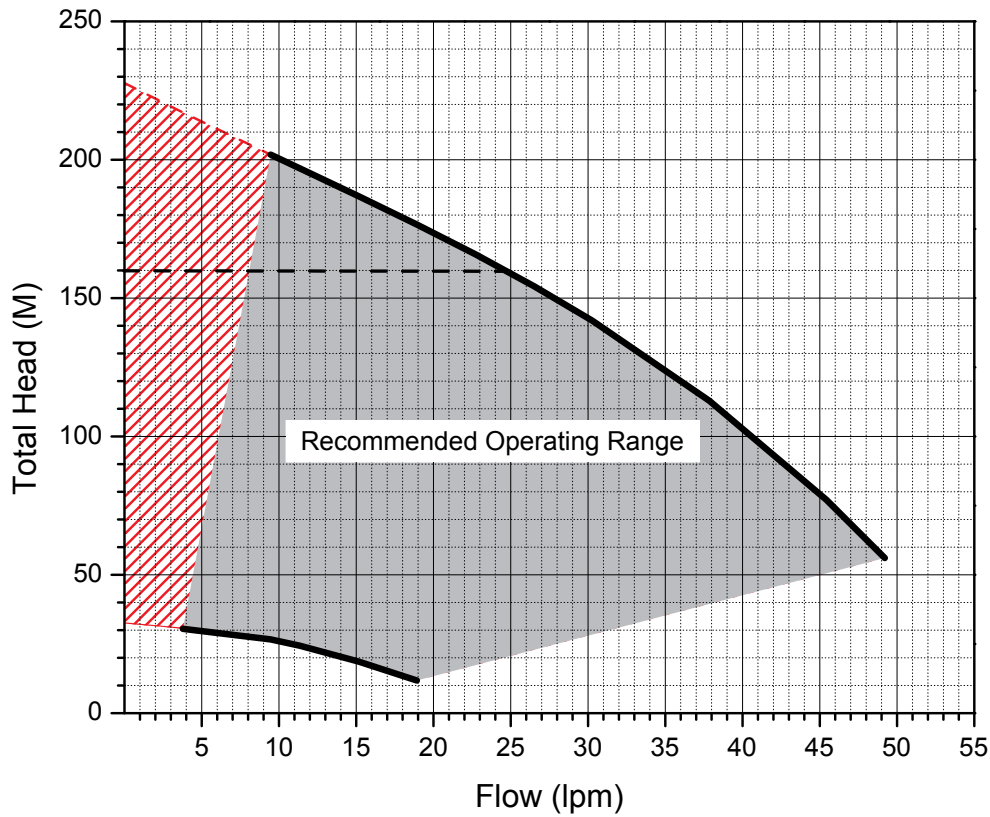
Model	Order number
SDQP75-25-160	93800705
SDQP75-30-135	93801005
SDQP75-45-105	93801505
SDQP75-60-83	93802005
SDQP75-70-82	93802505
SDQP75-100-55	93803505
18L Tank	106435103

- All pump ends up to 70 PM feature TriSeal hydraulics
- For river, creek and dam installations, recommend 316SS 4" motors with mechanical seal with price adder.
- SubDrive 75 enclosure is rated IP20 for indoor installation. Outdoor enclosure rated IP55 available with price adder.

For more information go to constantpressure.com

Constant Pressure – SubDrive QuickPAK

SDQP75-25-160



25 LPM – 1.5m³/h

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance

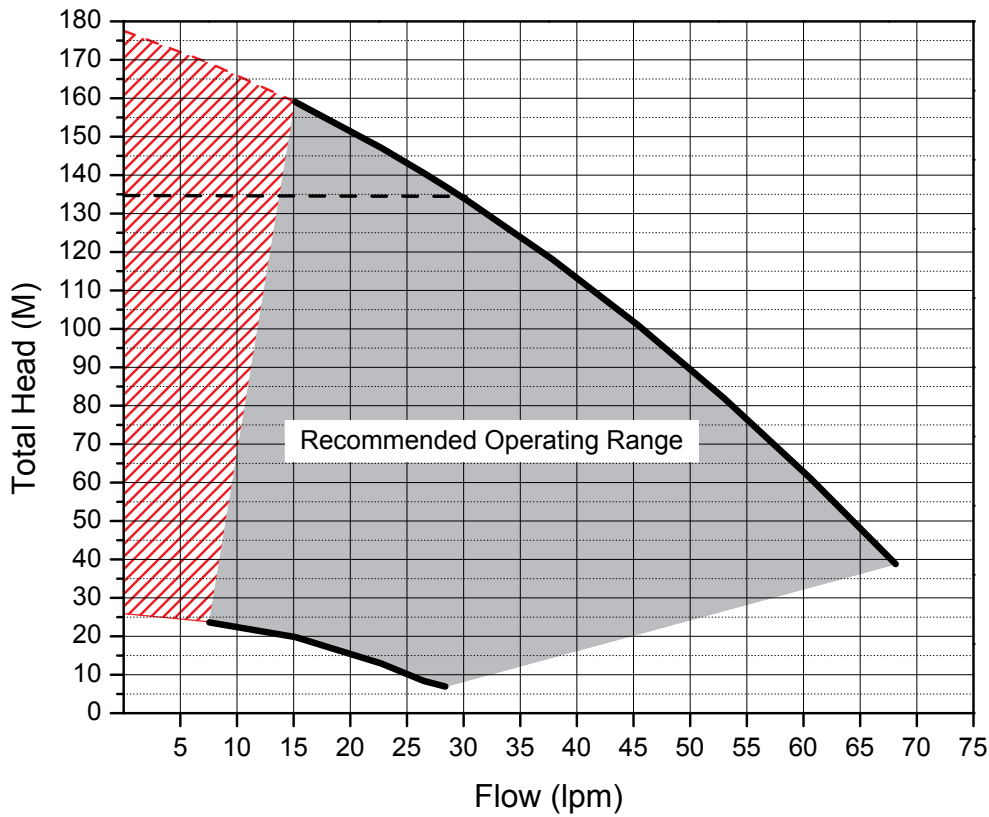
Motor kW	Metres	5	10	15	20	25	30	35	40	45	50	60	80	100	120	140	160	180	
1.1	0											49	45	41	36	31	25	18	
	5										49	48	44	40	35	29	23	16	
	10									49	49	47	43	39	34	28	21	14	
	20								49	49	48	47	45	41	36	31	25	18	
	30						49	49	48	47	46	45	43	39	34	28	21	14	
	40			49	49	48	47	46	45	44	43	41	36	31	25	18			
	50	49	49	48	47	46	45	44	43	42	41	39	34	28	21	14			
	60	48	47	46	45	44	43	42	41	40	39	36	31	25	18				
	70	46	45	44	43	42	41	40	39	37	36	34	28	21	14				
	80	44	43	42	41	40	39	37	36	35	34	31	25	18					
	90	42	41	40	39	37	36	35	34	32	31	28	21	14					
	100	40	39	37	36	35	34	32	31	29	28	25	18						
	110	37	36	35	34	32	31	29	28	26	25	21	14						
	120	35	34	32	31	29	28	26	25	23	21	18							
	130	32	31	29	28	26	25	23	21	19	18	14							
	140	29	28	26	25	23	21	19	18	16	14								
	150	26	25	23	21	19	18	16	14	12									
160	23	21	19	18	16	14	12	10											
170	19	18	16	14	12														
180	16	14	12																
190	12																		
Shut-off Metres		223	218	213	208	203	198	193	188	183	178	168	148	128	108	88	68	48	

Shut Off Head 228 metres

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.
 Flow Rate Units = LPM

Constant Pressure – SubDrive QuickPAK

SDQP75-30-135



30 LPM – 2m³/h

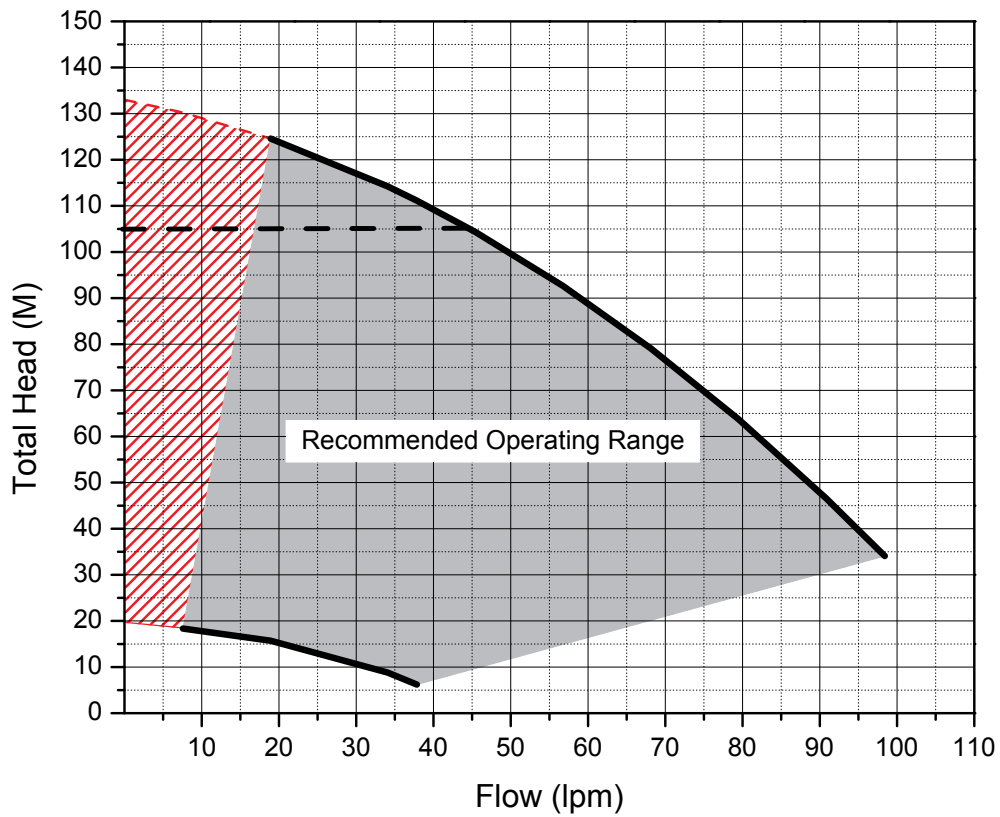
Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance																
Motor kW	Metres	5	10	15	20	25	30	35	40	45	50	60	80	100	120	140
1.1	0										64	61	54	46	37	27
	5									64	63	59	52	44	35	24
	10								64	63	61	57	50	41	32	21
	20						64	63	61	59	57	54	46	37	27	
	30				64	63	61	59	57	56	54	50	41	32	21	
	40		64	63	61	59	57	56	54	52	50	46	37	27		
	50	63	61	59	57	56	54	52	50	48	46	41	32	21		
	60	59	57	56	54	52	50	48	46	44	41	37	27			
	70	56	54	52	50	48	46	44	41	39	37	32	21			
	80	52	50	48	46	44	41	39	37	34	32	27				
	90	48	46	44	41	39	37	34	32	29	27	21				
	100	44	41	39	37	34	32	29	27	24	21					
	110	39	37	34	32	29	27	24	21	18						
	120	34	32	29	27	24	21	18								
	130	29	27	24	21	18										
	140	24	21	18												
150	18															
160																
Shut-off Metres		173	168	163	158	153	148	143	138	133	128	118	98	78	58	38

Shut Off Head 177.5 metres

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.
Flow Rate Units = LPM

SDQP75-45-105



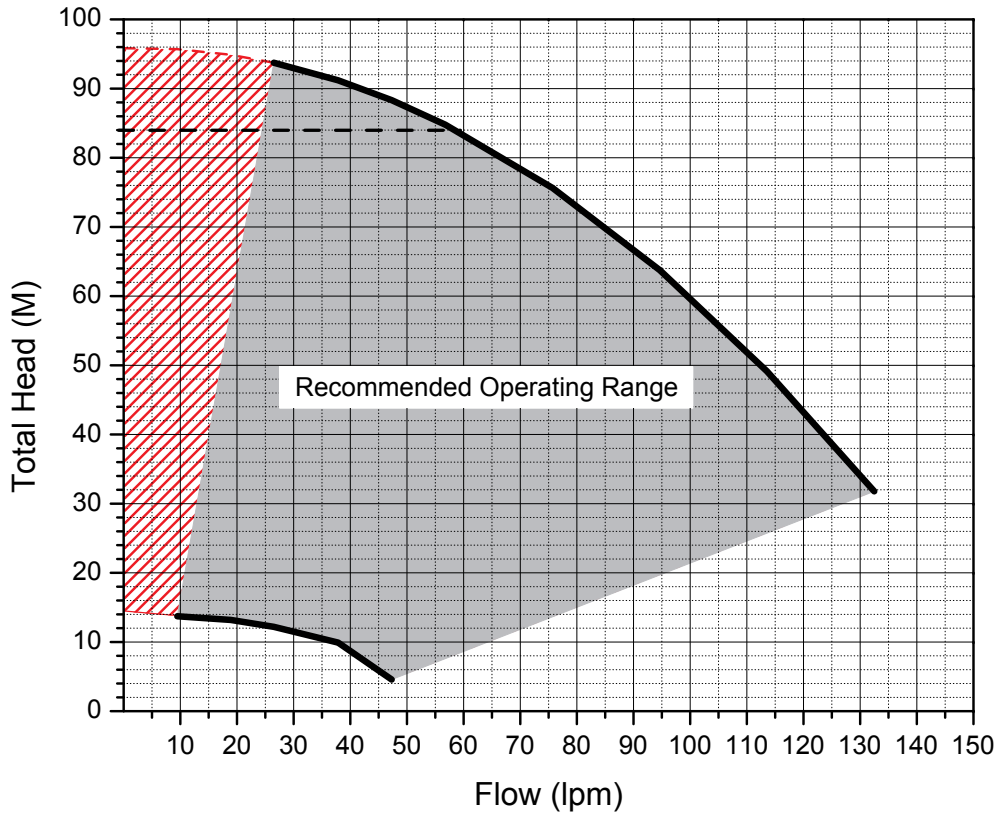
45 LPM – 3m³/h

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance															
kW	Metres	5	10	15	20	25	30	35	40	45	50	60	80	100	120
1.1	0									92	89	82	67	50	26
	5								92	89	86	79	63	45	
	10							92	89	86	82	75	59	39	
	20					92	89	86	82	79	75	67	50	26	
	30			92	89	86	82	79	75	71	67	59	39		
	40	92	89	86	82	79	75	71	67	63	59	50	26		
	50	86	82	79	75	71	67	63	59	54	50	39			
	60	79	75	71	67	63	59	54	50	45	39	26			
	70	71	67	63	59	54	50	45	39	33	26				
	80	63	59	54	50	45	39	33	26						
	90	54	50	45	39	33	26								
	100	45	39	33	26										
110	33	26													
120															
Shut-off Metres		128	123	118	113	108	103	98	93	88	83	73	53	33	13

Shut Off Head 133 metres

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.
 Flow Rate Units = LPM

SDQP75-60-83



60 LPM – 3.5m³/h

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance

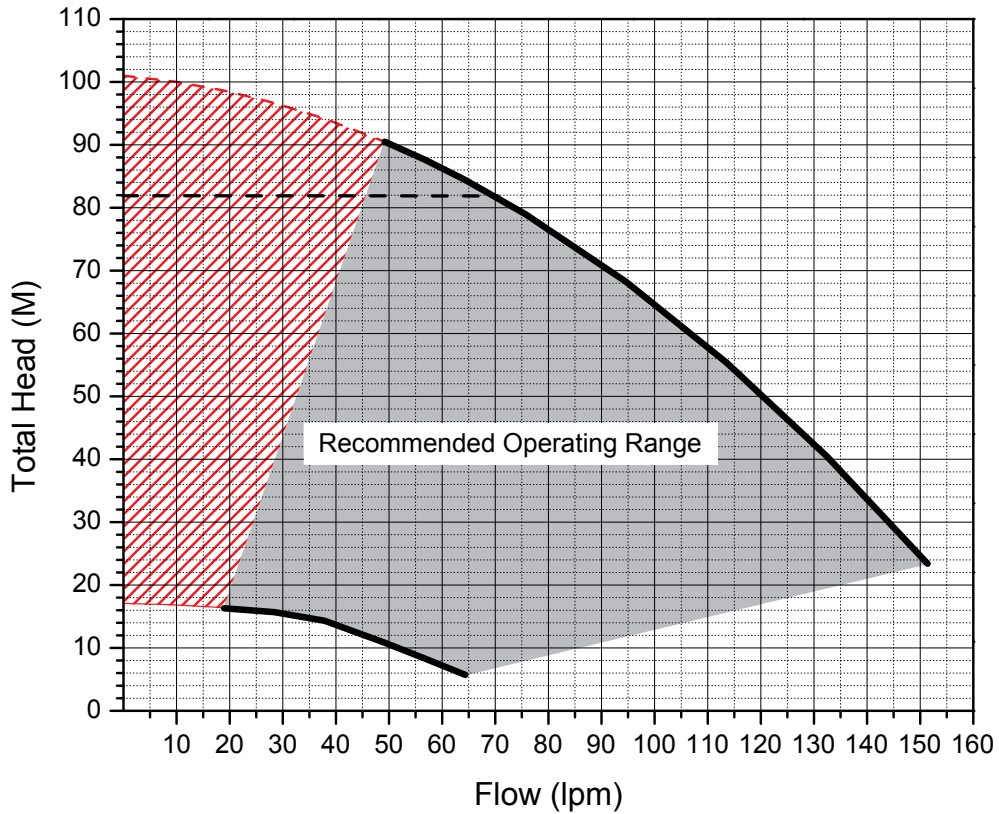
kW	Metres	5	10	15	20	25	30	35	40	45	50	60	80	
1.1	0							128	123	119	114	100	68	Shut Off Head 95.85 metres
	5						128	123	119	114	107	92	58	
	10					128	123	119	114	107	100	84	42	
	20			128	123	119	114	107	100	92	84	68		
	30	128	123	119	114	107	100	92	84	76	68	42		
	40	119	114	107	100	92	84	76	68	58	42			
	50	107	100	92	84	76	68	58	42					
	60	92	84	76	68	58	42							
	70	76	68	58	42									
	80	58	42											
	Shut-off Metres	91	86	81	76	71	66	61	56	51	46	36	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.

Flow Rate Units = LPM

SDQP75-70-82



70 LPM – 4m³/h

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance

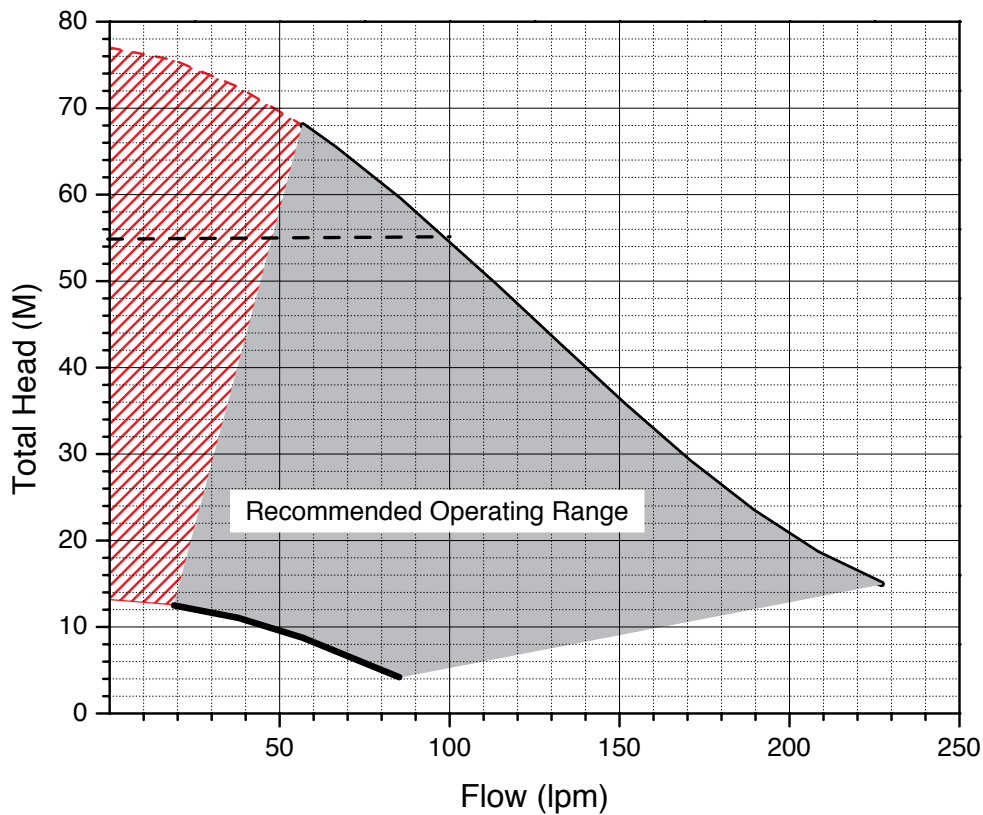
kW	Metres	5	10	15	20	25	30	35	40	45	50	60	80	
1.1	0					148	141	136	132	128	122	107	73	Shut Off Head 101 metres
	5				148	141	136	132	128	122	115	99	64	
	10			148	141	136	132	128	122	115	107	90		
	20	148	141	136	132	128	122	115	107	99	90	73		
	30	136	132	128	122	115	107	99	90	82	73			
	40	128	122	115	107	99	90	82	73	64				
	50	115	107	99	90	82	73	64						
	60	99	90	82	73	64								
	70	82	73	63										
80	63													
90														
Shut-off Metres		96	91	86	81	76	71	66	61	56	51	41	21	

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.

Flow Rate Units = LPM

SDQP75-100-55



100 LPM – 6m³/h

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance

kW	Metres	5	10	15	20	25	30	35	40	45	50	60	Shut Off Head 77.0 metres	
1.1	0			227	201	183	168	154	140	125	111	83		
	5		227	201	183	168	154	140	125	111	97	69		
	10	227	201	183	168	154	140	125	111	97	83			
	20	183	168	154	140	125	111	97	83	69				
	30	154	140	125	111	97	83	69						
	40	125	110	97	83	69								
	50	97	83	68										
	60	68												
70														
Shut-off Metres		72	67	62	57	52	47	42	37	32	27	17		

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

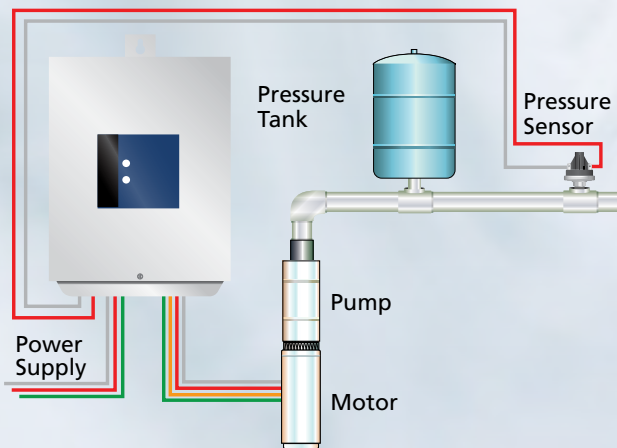
Actual maximum performance of the SubDrive QuickPAK system is power limited by the SubDrive unit. This limit is based on the maximum allowable AMP load of the submersible motor. The result is that in some installations an 80 Hz speed may not be attained.
Flow Rate Units = LPM

Notes

SubDrive 150



SubDrive System



SubDrive QuickPAK

All in one easy and quick package to get you pumping quickly.

- SubDrive Pump
- SubDrive Motor
- SubDrive Controller
- Pressure Gauge
- Pressure Sensor
- Splice Kit
- 35 Litre Pressure Tank

Also available:

- 8L to 80L Pressure Tanks
- Electrical Drop Cable
- Bore Accessories

5 Year Warranty

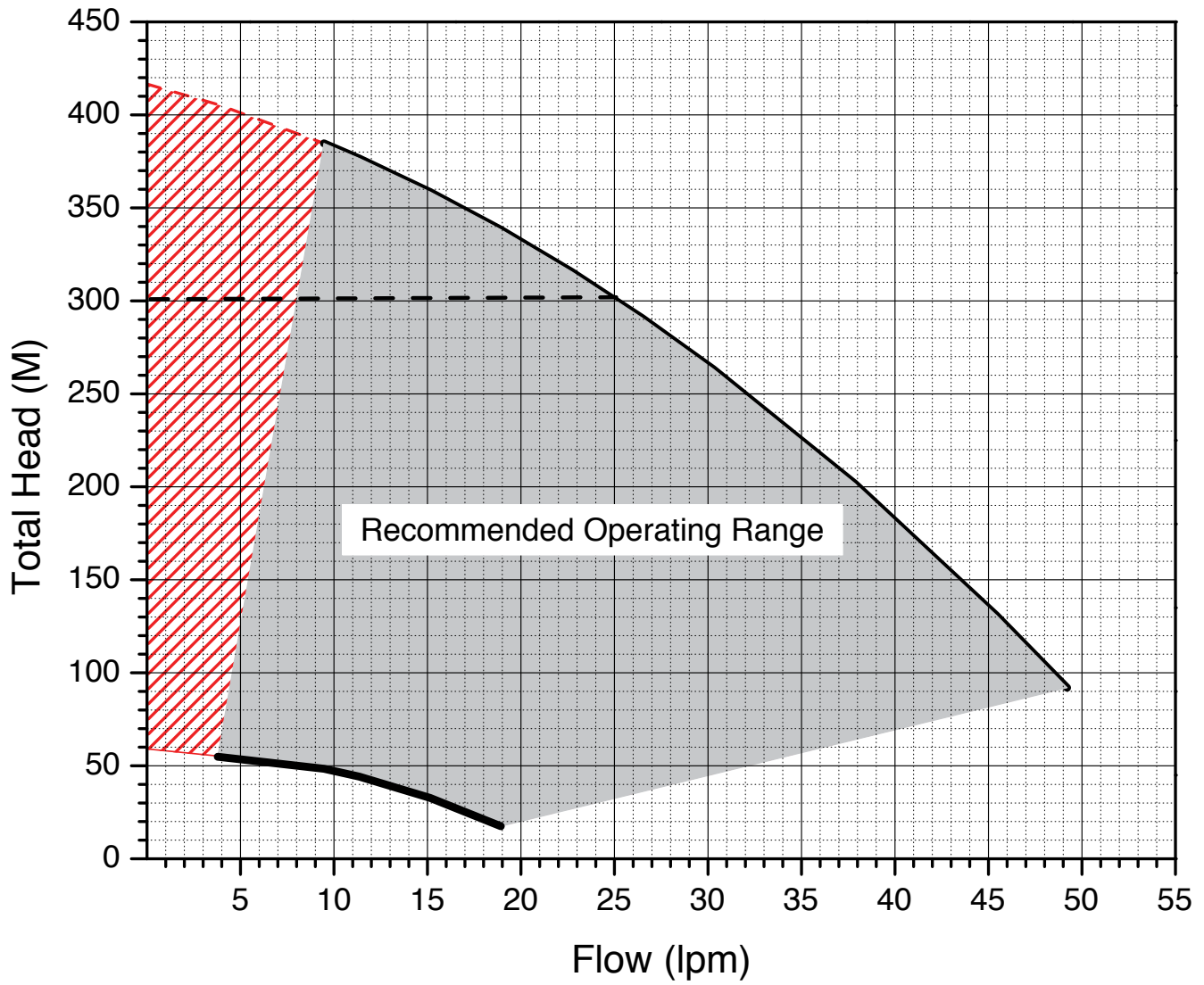
All SubDrive components: pump, motor, drive and tank are covered.

Model	Order number
SDQP150-25-300	93800790
SDQP150-30-245	93801090
SDQP150-45-195	93801590
SDQP150-60-155	93802090
SDQP150-65-137	93802590
SDQP150-100-94	93803590
SDQP150-150-65	93804590
35L Tank	106435104

- All pump ends up to 70 PM feature TriSeal hydraulics
- For river, creek and dam installations, recommend 316SS 4" motors with mechanical seal with price adder.
- SubDrive 150 enclosure is rated IP55 for outdoor/indoor installation.

For more information go to constantpressure.com

SDQP150-25-300



Constant Pressure – SubDrive QuickPAK

25 LPM – 1m³/h

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance

kW	Metres	5	10	15	20	25	30	35	40	45	50	60	80	100	
2.2	0													48	
	5													48	
	10													47	
	20												48	46	
	30												47	45	
	40											48	46	44	
	50										49	48	47	45	43
	60								49	48	48	47	46	44	42
	70					49	48	48	47	47	46	45	43	41	
	80			49	48	48	47	47	46	46	45	44	42	40	
	90	49	48	48	47	47	46	46	45	45	44	43	41	39	
	100	48	47	47	46	46	45	45	44	44	43	42	40	38	
	110	47	46	46	45	45	44	44	43	43	42	41	39	37	
	120	46	45	45	44	44	43	43	42	42	41	40	38	36	
	130	45	44	44	43	43	42	42	41	41	40	39	37	35	
	140	44	43	43	42	42	41	41	40	40	39	38	36	33	
	150	43	42	42	41	41	40	40	39	39	38	37	35	32	
	160	42	41	41	40	40	39	39	38	38	37	36	33	31	
170	41	40	40	39	39	38	38	37	36	36	35	32	29		
180	40	39	39	38	38	37	36	36	35	34	33	31	28		
190	39	38	38	37	36	36	35	34	34	33	32	29	26		
Shut-off Metres		5	10	15	20	25	30	35	40	45	50	60	80	100	

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance

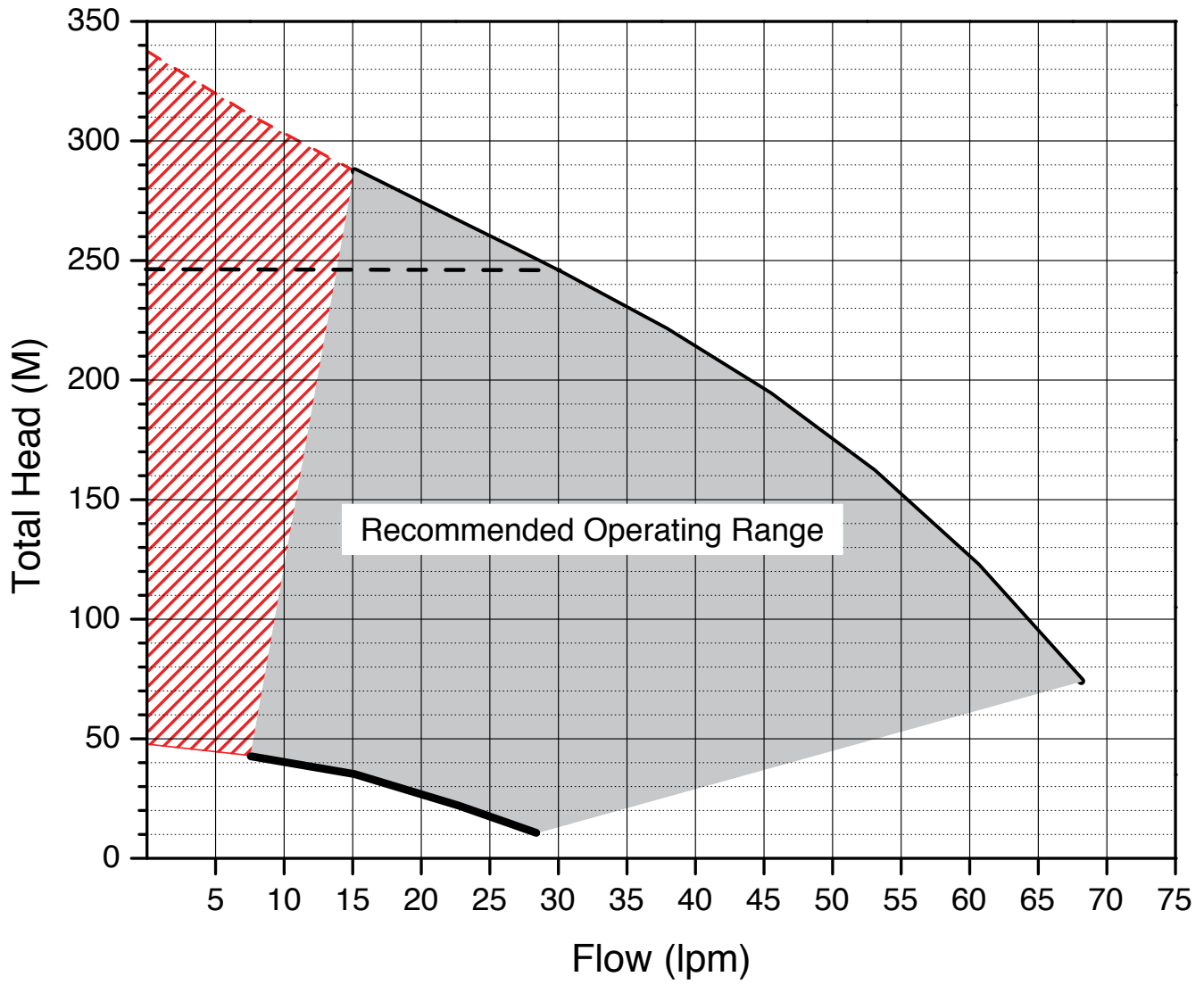
kW	Metres	120	140	160	180	200	220	240	260	280	300	320	340	360	380
2.2	0	46	44	42	40	38	36	33	31	28	25	22	19	15	11
	5	46	44	42	40	38	35	33	30	27	24	21	18	14	9
	10	45	43	41	39	37	35	32	29	27	24	20	17	13	
	20	44	42	40	38	36	33	31	28	25	22	19	15	11	
	30	43	41	39	37	35	32	29	27	24	20	17	13		
	40	42	40	38	36	33	31	28	25	22	19	15	11		
	50	41	39	37	35	32	29	27	24	20	17	13			
	60	40	38	36	33	31	28	25	22	19	15	11			
	70	39	37	35	32	29	27	24	20	17	13				
	80	38	36	33	31	28	25	22	19	15	11				
	90	37	35	32	29	27	24	20	17	13					
	100	36	33	31	28	25	22	19	15	11					
	110	35	32	29	27	24	20	17	13						
	120	33	31	28	25	22	19	15	11						
	130	32	29	27	24	20	17	13							
	140	31	28	25	22	19	15	11							
	150	29	27	24	20	17	13								
	160	28	25	22	19	15	11								
170	27	24	20	17	13										
180	25	22	19	15	10										
190	24	20	17	13											
Shut-off Metres		120	140	160	180	200	220	240	260	280	300	320	340	360	380

Shut-off 417m

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

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Flow Rate Units = LPM

SDQP150-30-245



Constant Pressure – SubDrive QuickPAK

30 LPM – 2m³/h

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance													
kW	Metres	5	10	15	20	25	30	35	40	45	50	60	
2.2	0												
	5												
	10												
	20											67	
	30									68	67	66	
	40								68	67	66	64	
	50						68	67	66	66	65	64	63
	60				68	67	66	66	65	64	63	63	61
	70	68	67	66	66	65	64	63	63	62	61	59	59
	80	66	66	65	64	63	63	62	61	60	59	57	57
	90	65	64	63	63	62	61	60	59	58	57	55	55
	100	63	63	62	61	60	59	58	57	56	55	53	53
	110	62	61	60	59	58	57	56	55	54	53	51	51
	120	60	59	58	57	56	55	54	53	52	51	49	49
	130	58	57	56	55	54	53	52	51	50	49	46	46
	140	56	55	54	53	52	51	50	49	48	46	44	44
150	54	53	52	51	50	49	48	46	45	44	41	41	
160	52	51	50	49	48	46	45	44	42	41	38	38	
Shut-off Metres		5	10	15	20	25	30	35	40	45	50	60	

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance												
kW	Metres	80	100	120	140	160	180	200	220	240	260	280
2.2	0	67	64	61	57	53	49	44	38	32	25	18
	5	66	63	60	56	52	48	42	36	30	23	16
	10	66	63	59	55	51	46	41	35	28	21	
	20	64	61	57	53	49	44	38	32	25	18	
	30	63	59	55	51	46	41	35	28	21		
	40	61	57	53	49	44	38	32	25	18		
	50	59	55	51	46	41	35	28	21			
	60	57	53	49	44	38	32	25	18			
	70	55	51	46	41	35	28	21				
	80	53	49	44	38	32	25	18				
	90	51	46	41	35	28	21					
	100	49	44	38	32	25	18					
	110	46	41	35	28	21						
	120	44	38	32	25	18						
	130	41	35	28	21							
	140	38	32	25	18							
150	35	28	21									
160	32	25	18									
Shut-off Metres		80	100	120	140	160	180	200	220	240	260	280

Shut-off 338m

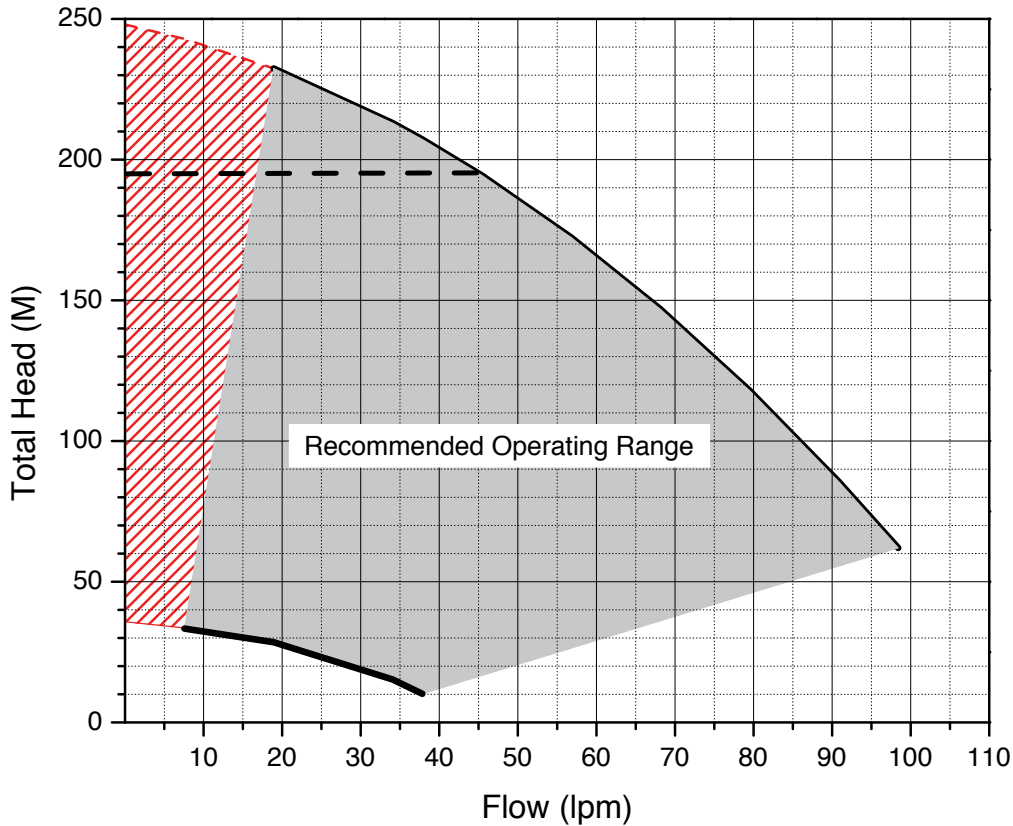
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Flow Rate Units = LPM

Constant Pressure – SubDrive QuickPAK

SDQP150-45-195



45 LPM – 3m³/h

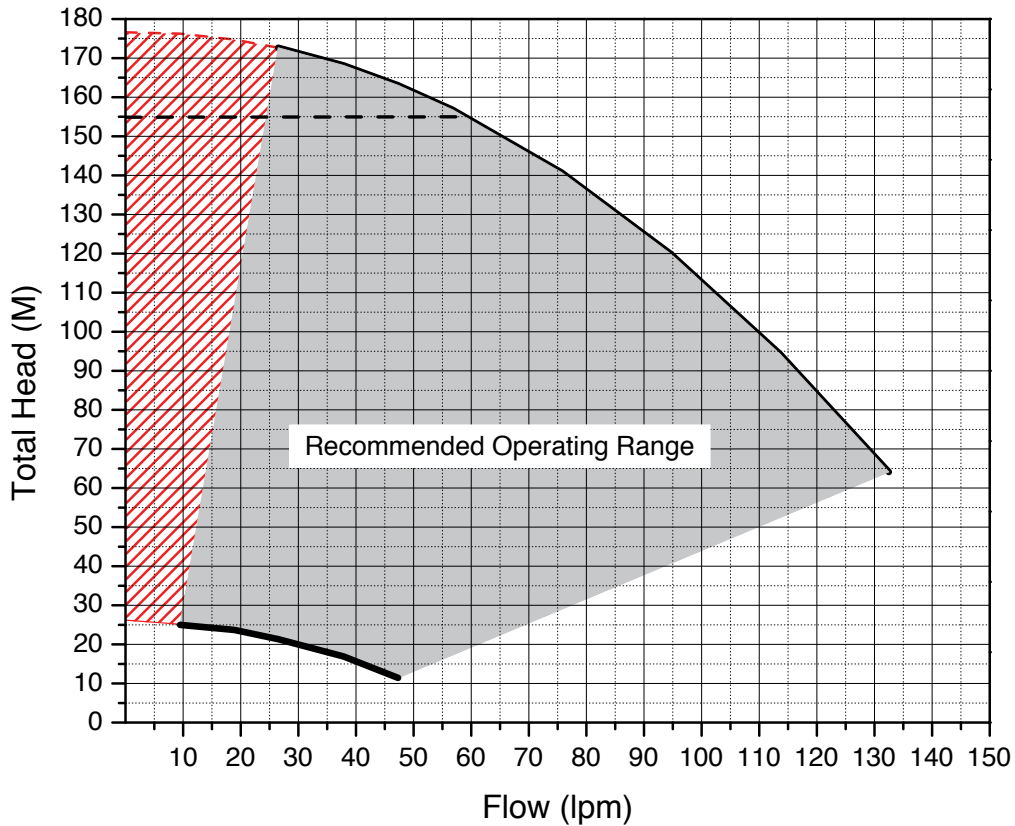
Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance

kW	Metres	5	10	15	20	25	30	35	40	45	50	60	80	100	120	140	160	180	200	220
2.2	0												92	86	79	71	62	53	42	29
	5											97	91	84	77	69	60	50	39	25
	10											96	89	83	75	67	58	48	36	21
	20									97	96	92	86	79	71	62	53	42	29	
	30						97	96	94	92	89	83	75	67	58	48	36	21		
	40					97	96	94	92	91	89	86	79	71	62	53	42	29		
	50			97	96	94	92	91	89	88	86	83	75	67	58	48	36	21		
	60	97	96	94	92	91	89	88	86	84	83	79	71	62	53	42	29			
	70	94	92	91	89	88	86	84	83	81	79	75	67	58	48	36	21			
	80	91	89	88	86	84	83	81	79	77	75	71	62	53	42	29				
	90	88	86	84	83	81	79	77	75	73	71	67	58	48	36	21				
	100	84	83	81	79	77	75	73	71	69	67	62	53	42	29					
110	81	79	77	75	73	71	69	67	64	62	58	48	36	21						
120	77	75	73	71	69	67	64	62	60	58	53	42	29							
Shut-off Metres		5	10	15	20	25	30	35	40	45	50	60	80	100	120	140	160	180	200	220

Shut-off 248m

NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.
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 Flow Rate Units = LPM

SDQP150-60-155



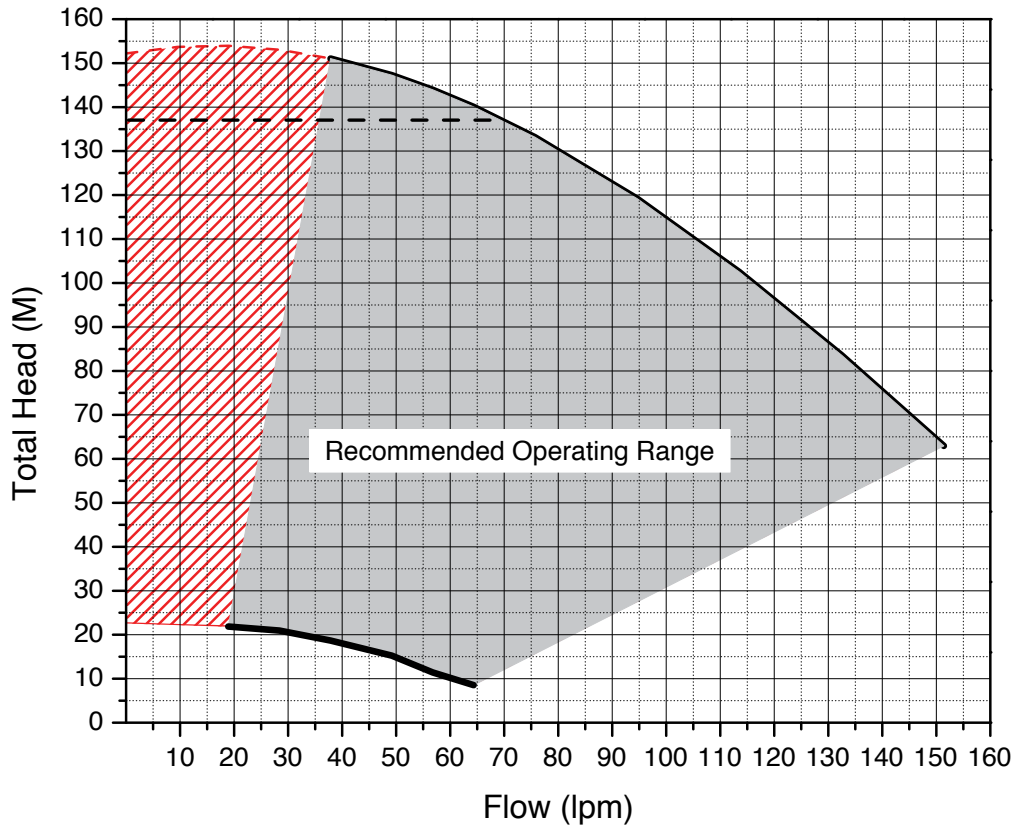
60 LPM – 3.5m³/h

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance																		
kW	Metres	5	10	15	20	25	30	35	40	45	50	60	80	100	120	140	160	
2.2	0												123	110	94	76	53	
	5												132	120	107	90	71	44
	10												128	117	103	85	66	32
	20										132	128	122	110	94	76	53	
	30								132	128	125	122	117	103	85	66	32	
	40						132	128	125	122	120	117	110	94	76	53		
	50			132	128	125	122	120	117	114	110	103	85	66	32			
	60	132	128	125	122	120	117	114	110	106	103	94	76	53				
	70	125	122	120	117	114	110	106	102	98	94	85	66	32				
	80	120	117	114	110	106	102	98	94	90	85	76	53					
90	114	110	106	102	98	94	90	85	81	76	66	32						
Shut-off Metres		5	10	15	20	25	30	35	40	45	50	60	80	100	120	140	160	

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. Flow Rate Units = LPM

Constant Pressure – SubDrive QuickPAK

SDQP150-65-137



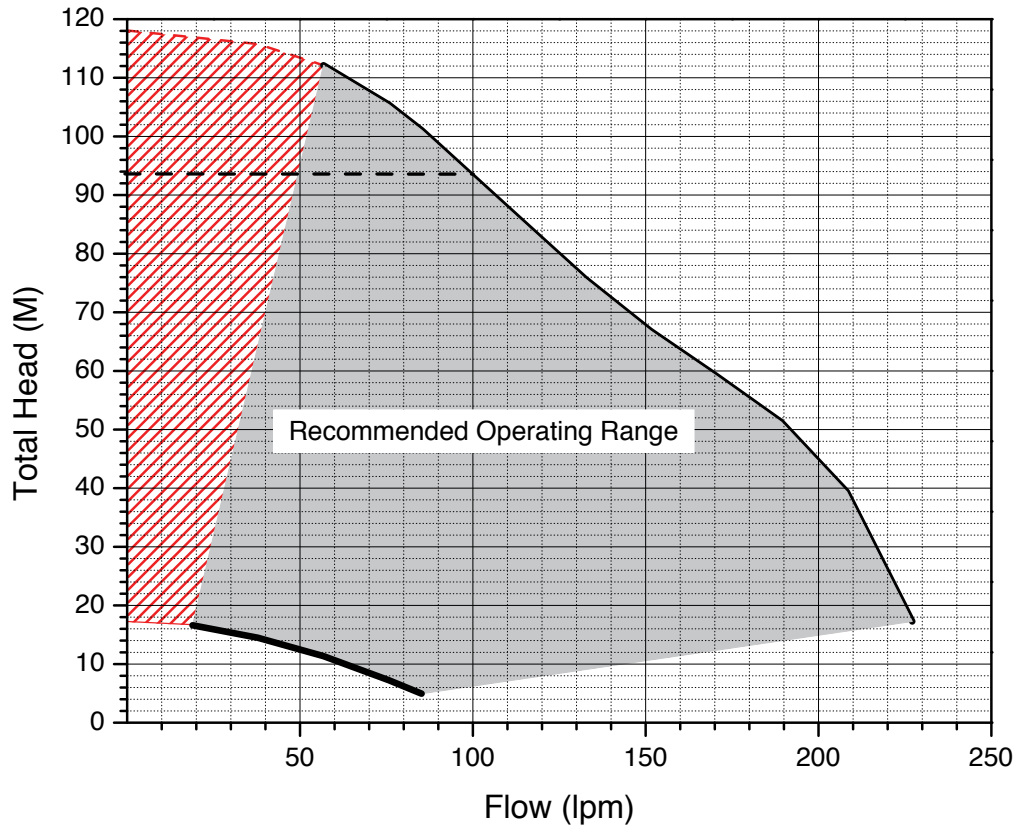
70 LPM – 4m³/h

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance																	
kW	Metres	5	10	15	20	25	30	35	40	45	50	60	80	100	120	140	
2.2	0												136	117	93	66	
	5												149	132	111	87	55
	10												144	127	104	81	39
	20									149	144	136	117	93	66		
	30							149	144	140	136	127	104	81	39		
	40					149	144	140	136	132	127	116	93	66			
	50			149	144	140	136	132	127	122	116	104	81	39			
	60	149	144	140	136	132	127	122	116	110	104	93	66				
	70	140	136	132	127	122	116	110	104	98	92	81	39				
	80	132	127	122	116	110	104	98	92	87	81	66					
90	122	116	110	104	98	92	87	81	74	66	38						
Shut-off Metres		5	10	15	20	25	30	35	40	45	50	60	80	100	120	140	

Shut-off 152m

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.
 Flow Rate Units = LPM

SDQP150-100-94



100 LPM – 6m³/h

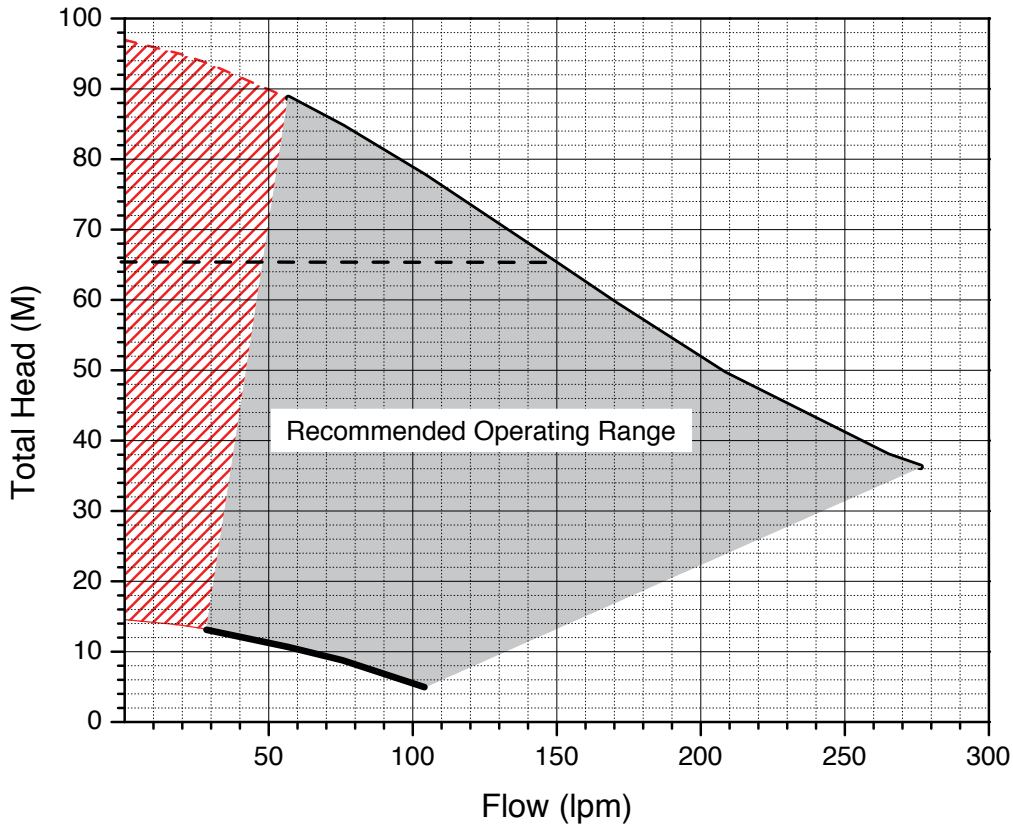
Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance														
kW	Metres	5	10	15	20	25	30	35	40	45	50	60	80	100
2.2	0				224	220	217	213	208	200	191	169	123	89
	5			224	220	217	213	208	200	191	181	157	114	79
	10		224	220	217	213	208	200	191	181	169	145	106	63
	20	220	217	213	208	200	191	181	169	157	145	123	89	
	30	213	208	200	191	180	169	157	145	133	123	105	63	
	40	200	191	180	169	157	144	133	123	114	105	89		
	50	180	169	156	144	133	123	114	105	98	89	63		
	60	156	144	133	123	114	105	98	89	78	63			
	70	133	123	114	105	98	89	78	63					
Shut-off Metres		5	10	15	20	25	30	35	40	45	50	60	80	100

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.
Flow Rate Units = LPM

Constant Pressure – SubDrive QuickPAK

SDQP150-150-65



150 LPM – 9m³/h

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance													
kW	Metres	5	10	15	20	25	30	35	40	45	50	60	80
2.2	0								252	227	206	169	95
	5							252	227	206	187	150	75
	10						252	227	206	187	168	132	
	20				252	227	206	187	168	150	132	95	
	30		252	227	206	187	168	150	132	113	95		
	40	227	206	187	168	150	131	113	95	74			
	50	187	168	150	131	113	95	74					
	60	150	131	113	95	74							
	70	113	94	74									
Shut-off Metres		5	10	15	20	25	30	35	40	45	50	60	80

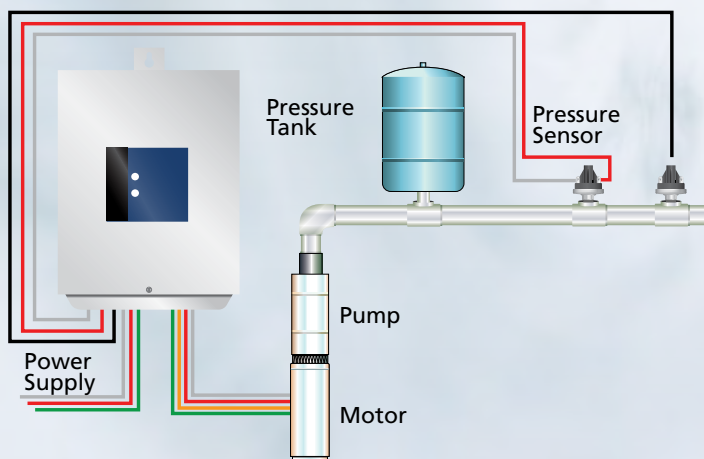
Shut-off 97m

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.
 Flow Rate Units = LPM

SubDrive 300



SubDrive System



SubDrive QuickPAK

All in one easy and quick package to get you pumping quickly.

- SubDrive Pump
- SubDrive Motor
- SubDrive Controller
- Pressure Gauge
- Pressure Sensors
- Splice Kit
- 80 Litre Pressure Tank

Also available:

- 8L to 80L Pressure Tanks
- Electrical Drop Cable
- Bore Accessories

5 Year Warranty

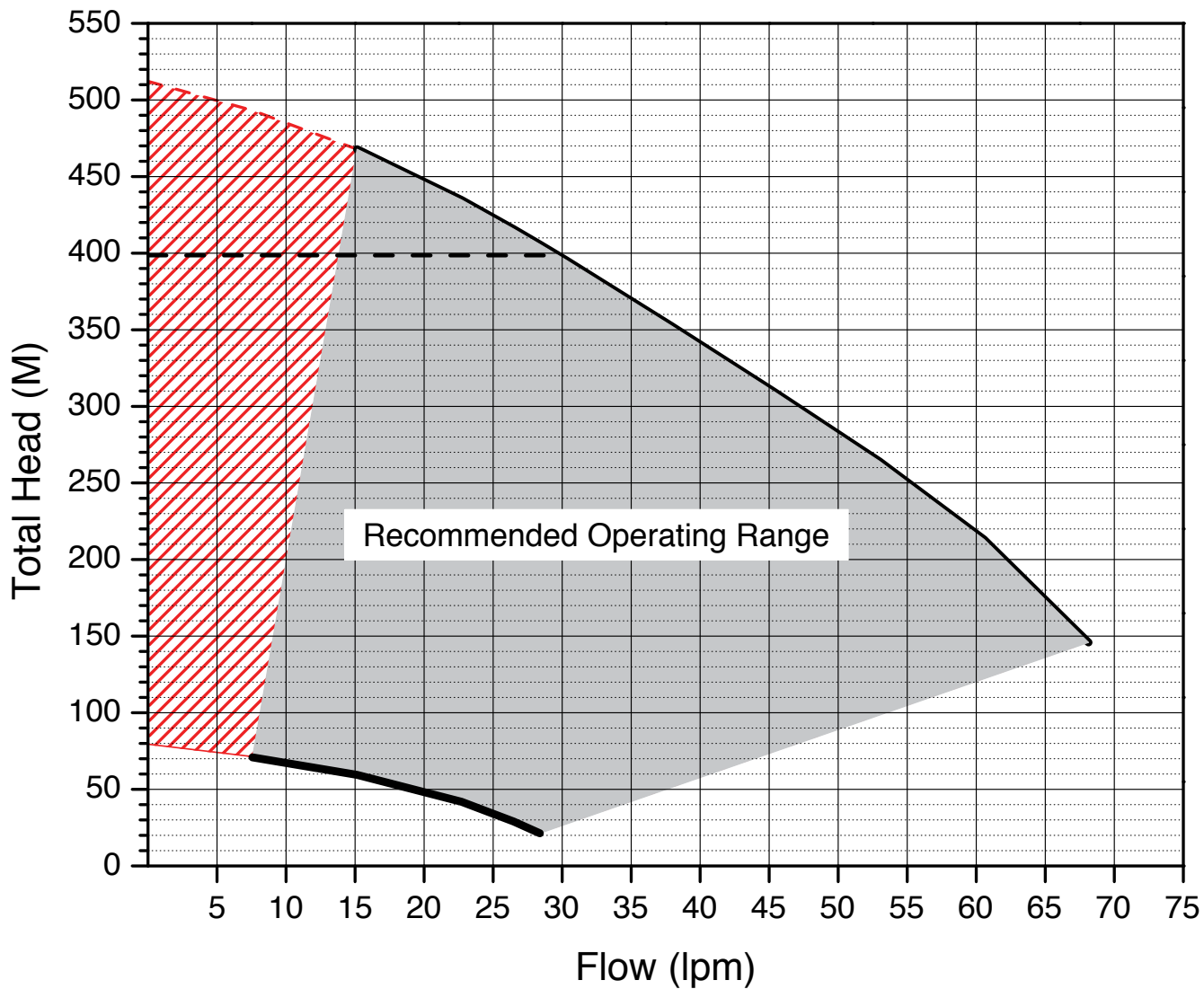
All SubDrive components: pump, motor, drive and tank are covered.

Model	Order number
SDQP300-30-400	93801095
SDQP300-45-335	93801595
SDQP300-60-265	93802095
SDQP300-70-240	93802595
SDQP300-100-165	93803595
SDQP300-150-118	93804595
SDQP300-200-82	93806095
SDQP300-270-60	93809095
80L Tank	106435106

- All pump ends up to 70 PM feature TriSeal hydraulics
- For river, creek and dam installations, recommend 316SS 4" motors with mechanical seal with price adder.
- SubDrive 300 enclosure is rated IP55 for outdoor/indoor installation.

For more information go to constantpressure.com

SDQP300-30-400



Constant Pressure – SubDrive QuickPAK

30 LPM – 2m³/h

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance																	
kW	Metres	5	10	15	20	25	30	35	40	45	50	60	80	100	120	140	
3.7	0																
	5																
	10															68	
	20															67	
	30														68	66	
	40														67	65	
	50														68	66	63
	60														67	65	62
	70													68	66	63	61
	80													67	65	62	60
	90												68	66	63	61	58
	100											68	67	65	62	60	57
	110								68	67	67	66	63	61	58	55	
	120							68	67	67	66	66	65	62	60	57	54
	130				68	67	67	66	66	65	65	63	61	58	55	52	
	140		68	67	67	66	66	65	65	64	63	62	60	57	54	50	
150	67	67	66	66	65	65	64	63	63	62	61	58	55	52	49		
160	66	66	65	65	64	63	63	62	62	61	60	57	54	50	47		
Shut-off Metres		5	10	15	20	25	30	35	40	45	50	60	80	100	120	140	

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance																	
kW	Metres	160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460
3.7	0	67	65	62	60	57	54	50	47	44	40	37	33	29	26	22	17
	5	66	64	62	59	56	53	50	46	43	39	36	32	29	25	21	16
	10	66	63	61	58	55	52	49	45	42	38	35	31	28	24	20	15
	20	65	62	60	57	54	50	47	44	40	37	33	29	26	22	17	
	30	63	61	58	55	52	49	45	42	38	35	31	28	24	20	15	
	40	62	60	57	54	50	47	44	40	37	33	29	26	22	17		
	50	61	58	55	52	49	45	42	38	35	31	28	24	19	15		
	60	60	57	54	50	47	44	40	36	33	29	26	22	17			
	70	58	55	52	49	45	42	38	35	31	28	24	19	15			
	80	57	54	50	47	44	40	36	33	29	26	22	17				
	90	55	52	49	45	42	38	35	31	28	24	19	15				
	100	54	50	47	44	40	36	33	29	26	22	17					
	110	52	49	45	42	38	35	31	28	24	19	15					
	120	50	47	44	40	36	33	29	26	22	17						
	130	49	45	42	38	35	31	28	24	19	15						
	140	47	44	40	36	33	29	26	22	17							
150	45	42	38	35	31	28	24	19	15								
160	44	40	36	33	29	26	22	17									
Shut-off Metres		160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460

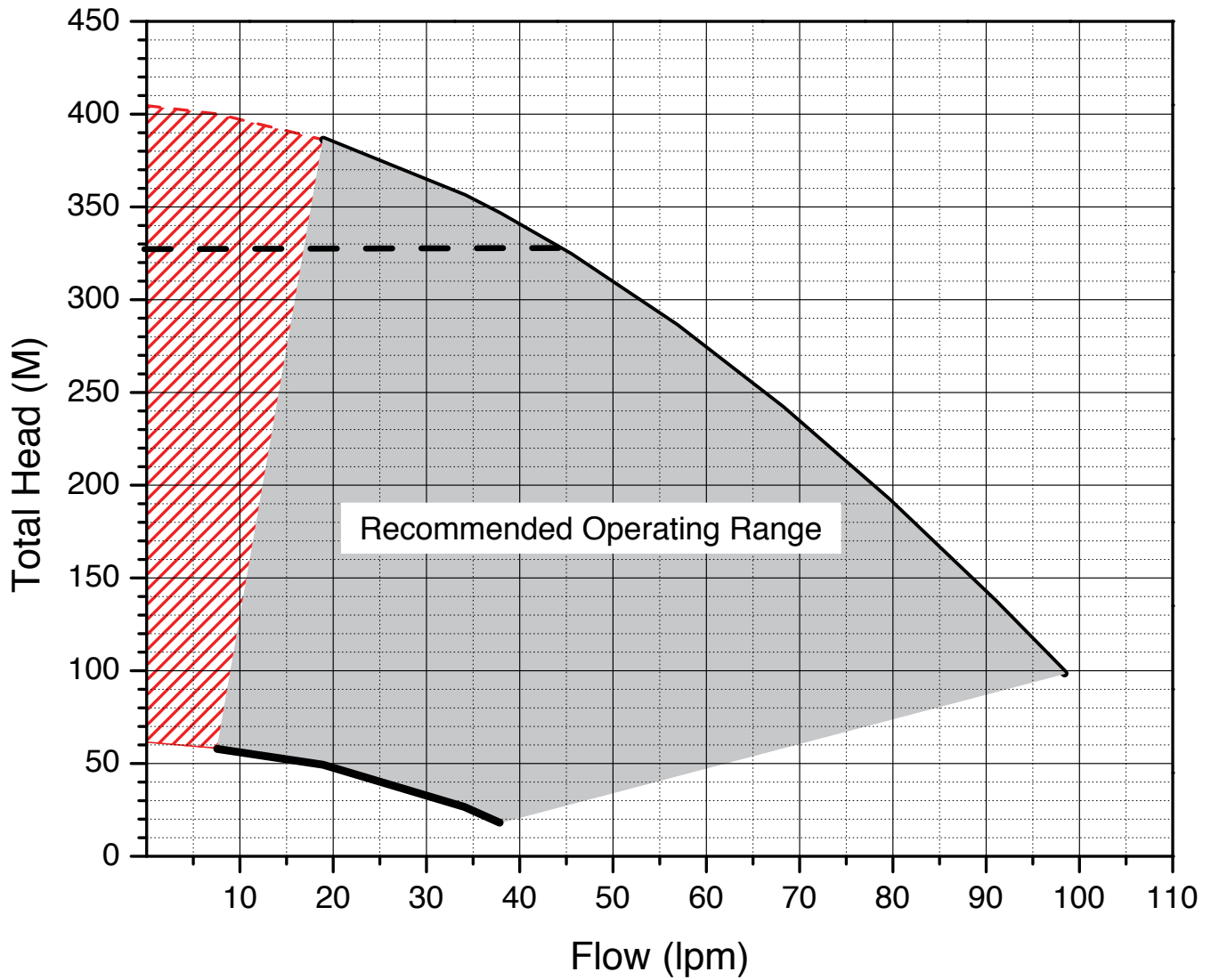
Shut-off 512M

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.

Flow Rate Units = LPM

SDQP300-45-335



Constant Pressure – SubDrive QuickPAK

45 LPM – 3m³/h

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance

kW	Metres	5	10	15	20	25	30	35	40	45	50	60	80	100	
3.7	0													98	
	5													97	
	10													96	
	20												98	93	
	30												96	92	
	40												98	93	90
	50											98	96	92	88
	60									98	97	96	93	90	86
	70							98	97	96	94	93	92	88	85
	80				98	97	96	94	93	93	92	90	86	83	
	90		98	97	96	94	93	93	92	91	90	88	85	81	
	100	97	96	94	93	93	92	91	90	89	88	86	83	78	
	110	94	93	93	92	91	90	89	88	87	86	85	81	76	
120	93	92	91	90	89	88	87	86	86	85	83	78	73		
Shut-off Metres		5	10	15	20	25	30	35	40	45	50	60	80	100	

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance

kW	Metres	120	140	160	180	200	220	240	260	280	300	320	340	360	380
3.7	0	94	90	86	83	78	73	68	63	58	52	47	40	33	22
	5	93	89	86	82	77	72	67	62	56	51	45	39	30	19
	10	92	88	85	81	76	71	66	60	55	49	44	37	28	
	20	90	86	83	78	73	68	63	58	52	47	40	33	22	
	30	88	85	81	76	71	66	60	55	49	44	37	28		
	40	86	83	78	73	68	63	58	52	47	40	33	22		
	50	85	81	76	71	66	60	55	49	44	37	28			
	60	83	78	73	68	63	58	52	47	40	33	22			
	70	81	76	71	66	60	55	49	44	37	28				
	80	78	73	68	63	57	52	47	40	33	22				
	90	76	71	66	60	55	49	44	37	28					
	100	73	68	63	57	52	47	40	33	22					
	110	71	66	60	55	49	44	37	28						
120	68	63	57	52	47	40	33	22							
Shut-off Metres		120	140	160	180	200	220	240	260	280	300	320	340	360	380

Shut-off 405M

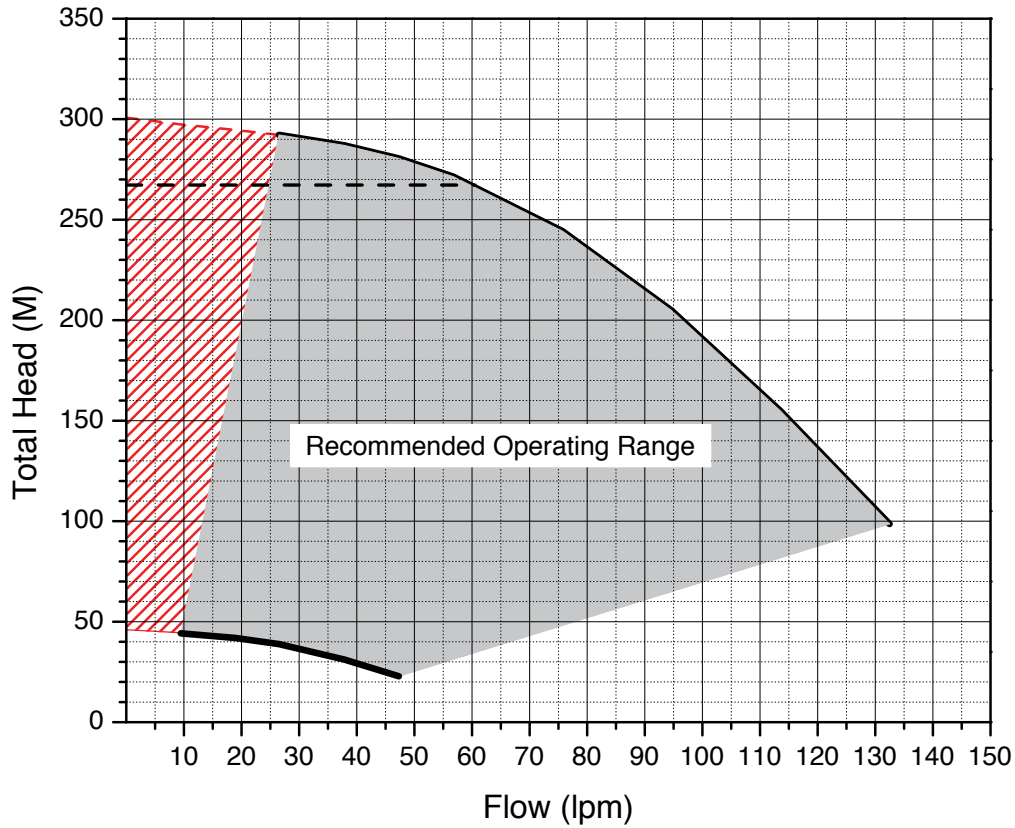
NOTE: Running outside of 'Recommended Operating Range' for short periods of time is permissible.

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.

Flow Rate Units = LPM

Constant Pressure – SubDrive QuickPAK

SDQP300-60-265



60 LPM – 3.5m³/h

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance

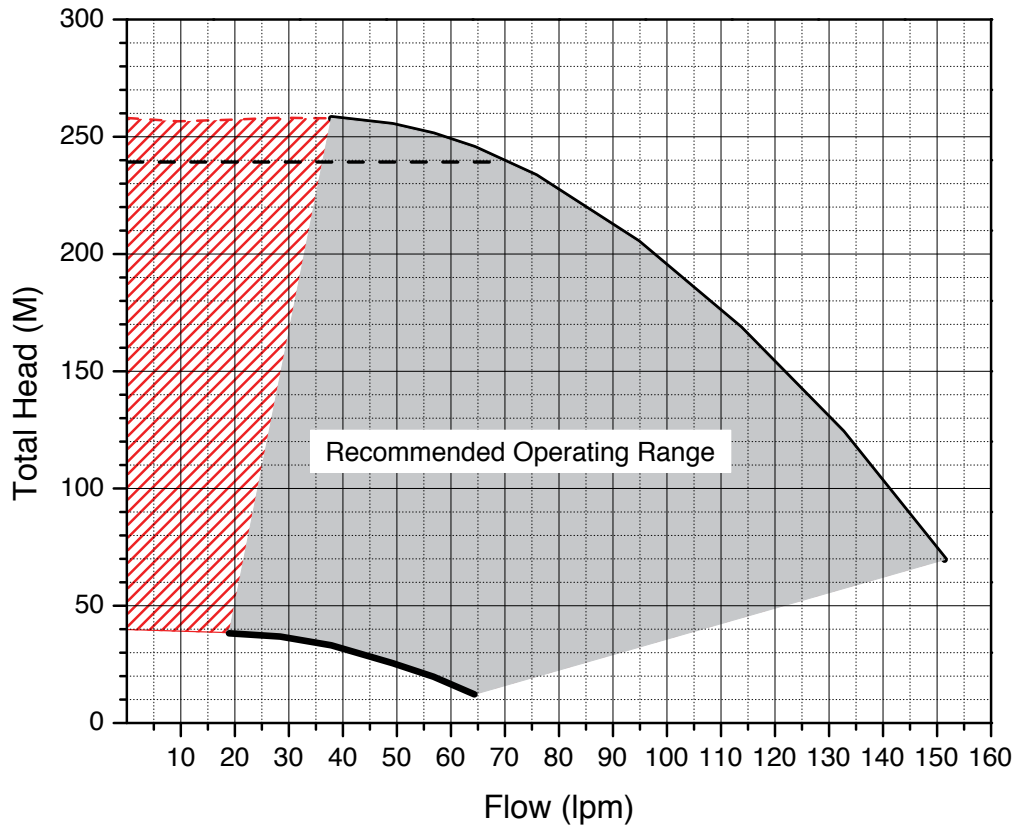
kW	Metres	5	10	15	20	25	30	35	40	45	50	60	80	100	120	140	160	180	200	220	240	260	280		
3.7	0													132	125	119	113	105	96	87	78	67	47	Shut-off 301M	
	5														130	123	117	111	102	94	85	76	63		40
	10														128	122	116	109	100	92	83	73	58		31
	20													132	125	119	112	105	96	87	78	67	47		
	30													128	122	116	109	100	92	83	73	58	31		
	40												132	125	119	112	105	96	87	78	67	47			
	50											132	128	122	116	109	100	92	83	73	58	31			
	60									132	130	128	125	119	112	105	96	87	78	67	47				
	70						132	130	128	126	125	122	116	109	100	92	83	73	58	31					
80				132	130	128	126	125	123	122	119	112	105	96	87	78	67	47							
90		132	130	128	126	124	123	122	120	119	116	109	100	92	83	73	58	31							
Shut-off Metres		5	10	15	20	25	30	35	40	45	50	60	80	100	120	140	160	180	200	220	240	260	280		

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.

Flow Rate Units = LPM

SDQP300-70-240



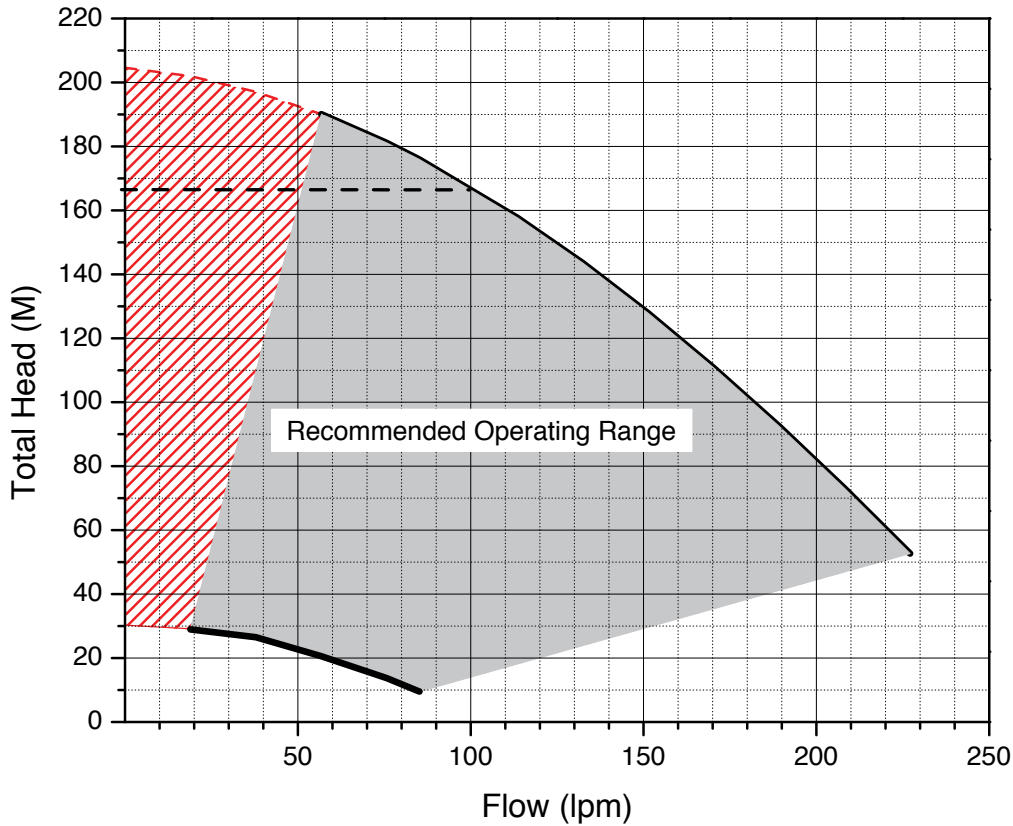
70 LPM – 4m³/h

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance																							
kW	Metres	5	10	15	20	25	30	35	40	45	50	60	80	100	120	140	160	180	200	220	240		
3.7	0													147	141	135	127	117	107	97	86	70	
	5													145	140	133	124	115	105	95	83	63	
	10												151	144	138	131	122	112	102	92	79	56	
	20											151	147	141	135	127	117	107	97	86	70		
	30											151	149	147	144	138	131	122	112	102	92	79	56
	40							151	149	147	145	144	141	135	127	117	107	97	86	69			
	50				151	149	147	145	144	142	141	138	131	122	112	102	92	79	56				
	60		151	149	147	145	144	142	141	140	138	135	127	117	107	97	86	69					
	70	149	147	145	144	142	141	140	138	136	135	131	122	112	102	92	79	56					
	80	145	144	142	141	140	138	136	135	133	131	127	117	107	97	86	69						
90	142	141	140	138	136	135	133	131	129	127	122	112	102	92	79	56							
Shut-off Metres		5	10	15	20	25	30	35	40	45	50	60	80	100	120	140	160	180	200	220	240		

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.
 Flow Rate Units = LPM

Constant Pressure – SubDrive QuickPAK

SDQP300-100-165



100 LPM – 6m³/h

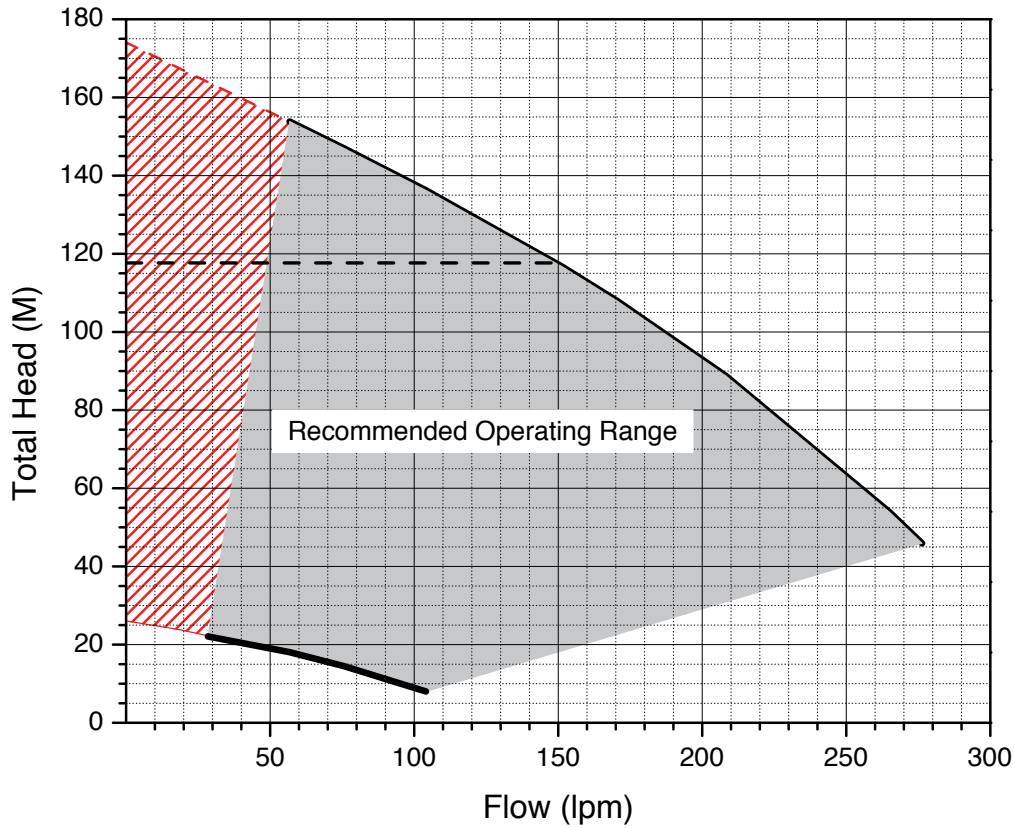
Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance

kW	Metres	5	10	15	20	25	30	35	40	45	50	60	80	100	120	140	160	180	
3.7	0											219	201	183	160	135	110	80	Shut-off 205M
	5										224	214	197	178	154	129	104	69	
	10									224	219	209	193	172	148	123	96	57	
	20								224	219	214	209	201	183	160	135	110	79	
	30					224	219	214	209	205	201	193	172	148	123	96	57		
	40			224	219	214	209	205	201	197	193	183	160	135	110	79			
	50	224	219	214	209	205	201	197	193	188	183	172	148	123	96	57			
	60	214	209	205	201	197	193	188	183	178	172	160	135	110	79				
70	205	201	197	193	188	183	178	172	166	160	148	123	96	57					
Shut-off Metres		5	10	15	20	25	30	35	40	45	50	60	80	100	120	140	160	180	

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.
Flow Rate Units = LPM

SDQP300-150-118



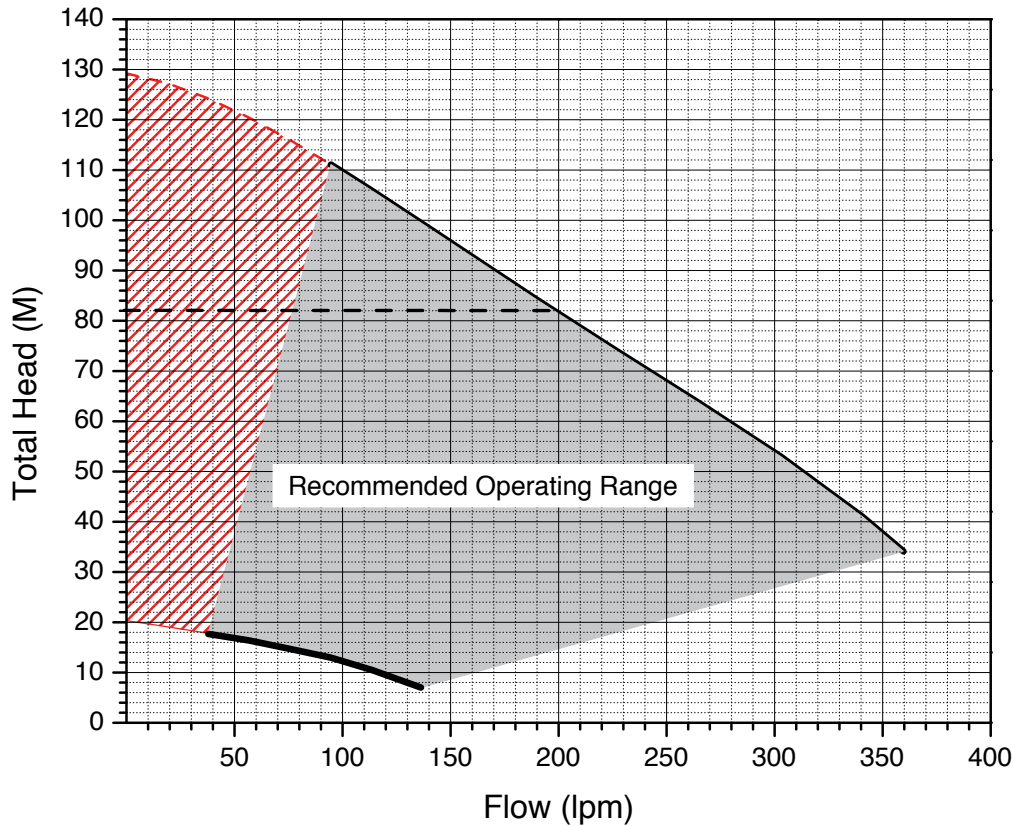
150 LPM – 9m³/h

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance																			
kW	Metres	5	10	15	20	25	30	35	40	45	50	60	80	100	120	140	160		
3.7	0										271	256	224	187	144	94	39		
	5										271	263	248	215	177	132	81	25	
	10									271	263	256	240	206	166	120	67	11	
	20									271	263	256	248	240	224	187	144	94	39
	30						271	263	256	248	240	232	224	206	166	120	67	11	
	40			271	263	256	248	240	232	224	215	206	187	144	94	39			
	50	263	256	248	240	232	224	215	206	196	187	166	120	67	11				
	60	248	240	232	224	215	206	196	187	176	166	144	94	39					
70	232	223	215	206	196	187	176	166	155	144	120	67	11						
Shut-off Metres		5	10	15	20	25	30	35	40	45	50	60	80	100	120	140	160		

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.
 Flow Rate Units = LPM

Constant Pressure – SubDrive QuickPAK

SDQP300-200-82



200 LPM – 12m³/h

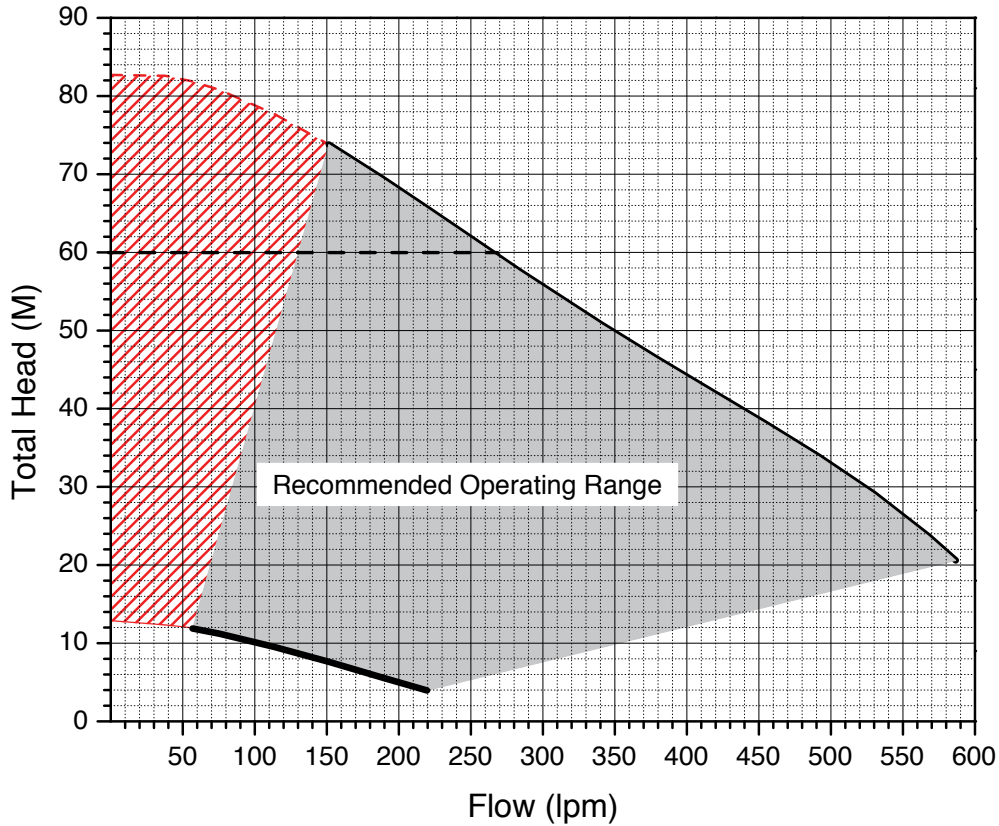
Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance															
kW	Metres	5	10	15	20	25	30	35	40	45	50	60	80	100	
3.7	0							357	343	328	312	279	204	134	
	5							357	343	328	312	296	261	186	117
	10						357	343	328	312	296	279	242	168	
	20			357	343	328	312	296	279	261	242	204	134		
	30	357	343	328	312	296	279	261	242	223	204	168			
	40	328	312	296	279	261	242	223	204	186	168	134			
	50	296	279	260	242	223	204	185	168	150	134				
	60	260	242	223	204	185	168	150	133	117					
70	223	204	185	167	150	133	117								
Shut-off Metres		5	10	15	20	25	30	35	40	45	50	60	80	100	

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.

Flow Rate Units = LPM

SDQP300-270-60



270 LPM – 16m³/h

Depth to Pumping Water Level, or Lift, in Metres Shaded Areas Indicate Most Efficient Performance												
kW	Metres	5	10	15	20	25	30	35	40	45	50	60
3.7	0					558	522	482	438	392	347	262
	5				558	522	482	438	392	347	303	224
	10			558	522	482	438	392	346	303	262	186
	20	558	522	482	438	392	346	303	262	224	186	
	30	481	438	392	346	303	262	224	185			
	40	392	346	303	262	224	185					
	50	302	262	224	185							
	60	224	185									
	70											
Shut-off Metres		5	10	15	20	25	30	35	40	45	50	60

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.
Flow Rate Units = LPM



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