

# SubDrive QuickPAK...

## A Team That Can Handle The Pressure!



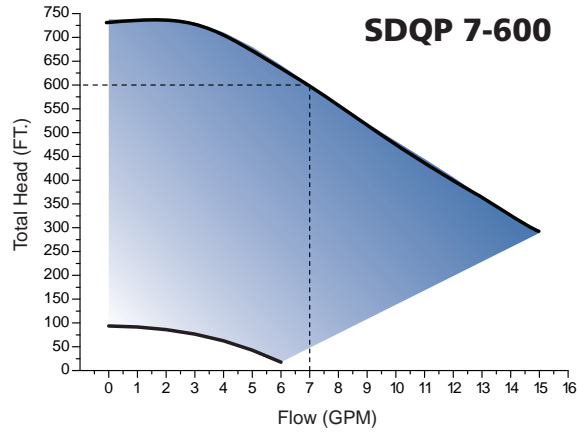
**SubDrive QuickPAK is Franklin's most popular system solution package, designed to make installing a constant pressure system even easier.**

- Motor, pump, and drive in one package
- Selection based on flow requirement
- System-specific performance curve
- Available in NEMA 1 or NEMA 4 rated enclosures
- 5-year warranty on QuickPAK components

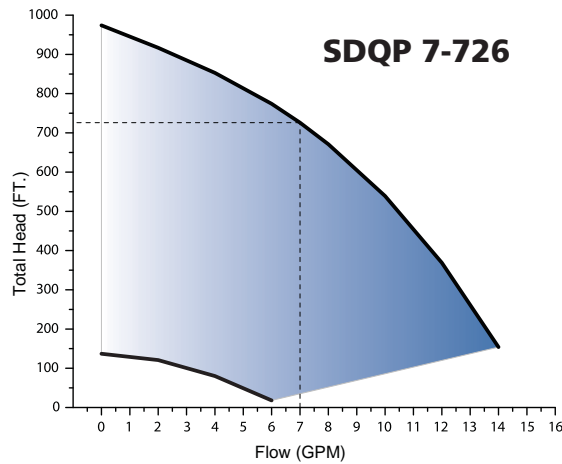


# SubDrive *QuickPAK*

## Pump Curves



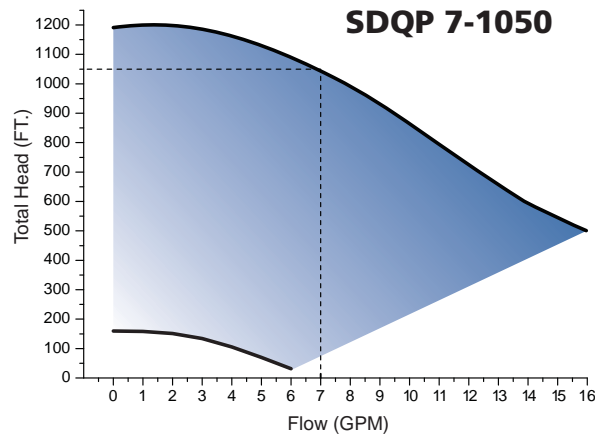
Motor HP	psi	Depth to Pumping Water Level, or Lift, in Feet												
		180	200	250	300	350	400	450	500	550	600	650	700	
1.5	0					13.3	12.3	11.2	9.6	8.0	6.9	6.2	4.8	Shut-off 744 ft
	20				13.5	12.4	11.3	9.8	8.1	7.0	6.3	5.0		
	30			12.9	11.9	10.6	9.0	7.5	6.6	5.9	3.4			
	40		13.6	12.4	11.4	9.9	8.2	7.0	6.3	5.2	0.7			
	50		12.9	12.0	10.8	9.1	7.6	6.7	6.0	3.7				
	60	13.7	12.5	11.5	10.0	8.4	7.1	6.4	5.3	1.2				
	70	13.6	13.0	12.1	10.9	9.2	7.7	6.7	6.0	4.0				
Shut-off psi		244	236	214	192	171	149	128	106	84	63	41	19	



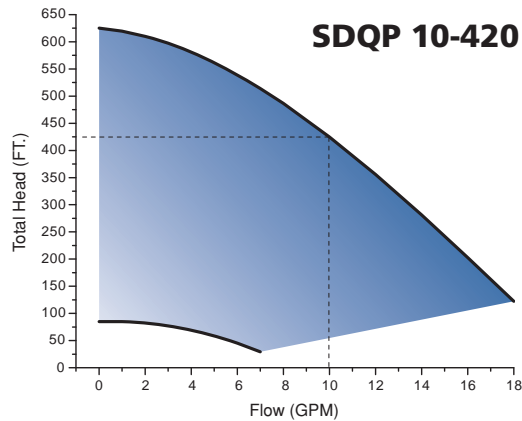
Motor HP	psi	Depth to Pumping Water Level, or Lift, in Feet																									
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	
2.0	0								14	14	14	13	13	12	12	11	10	10	9	8	7	7	5	4	3	1	Shut-off 974 ft
	20					14	14	14	13	13	13	12	12	11	11	10	9	8	8	7	5	4	3	1			
	30				14	14	14	13	13	13	13	12	11	11	10	10	9	8	7	6	5	4	2	0			
	40			14	14	14	13	13	13	13	13	12	12	11	11	10	9	8	8	7	6	4	3	1			
	50	14	14	14	14	13	13	13	13	13	13	12	11	11	10	10	9	8	7	6	5	4	2	0			
	60	14	14	14	14	13	13	13	13	13	13	12	12	11	11	10	9	9	8	7	6	4	3	1			
	70	14	14	13	13	13	13	13	13	12	12	12	11	10	10	9	8	7	6	5	4	2	0				
Shut-off psi		413	404	396	387	378	370	361	352	344	335	313	292	270	249	227	205	184	162	140	119	97	75				

# SubDrive *QuickPAK*

## Pump Curves



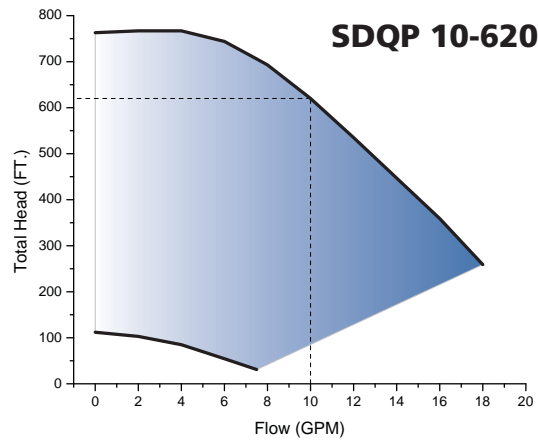
Motor HP	psi	Depth to Pumping Water Level, or Lift, in Feet													
		450	500	550	600	650	700	750	800	850	900	950	1000		1050
3	0				14.1	13.0	12.6	12.1	11.3	10.2	9.0	8.1	7.6	7.4	Shut-off 1203 ft
	20			14.3	13.0	12.6	12.2	11.4	10.3	9.1	8.2	7.6	7.4	7.1	
	30			13.5	12.8	12.4	11.8	10.9	9.7	8.6	7.8	7.5	7.3	6.7	
	40			13.1	12.6	12.2	11.4	10.4	9.2	8.2	7.6	7.4	7.2	6.0	
	50		13.6	12.8	12.5	11.9	11.0	9.8	8.7	7.9	7.5	7.3	6.8	4.7	
	60		13.1	12.7	12.2	11.5	10.5	9.3	8.3	7.7	7.4	7.2	6.1	2.6	
	70	13.7	12.9	12.5	12.0	11.1	9.9	8.8	7.9	7.5	7.4	6.9	4.9		
Shut-off psi		326	304	283	261	240	218	196	175	153	131	110	88	66	



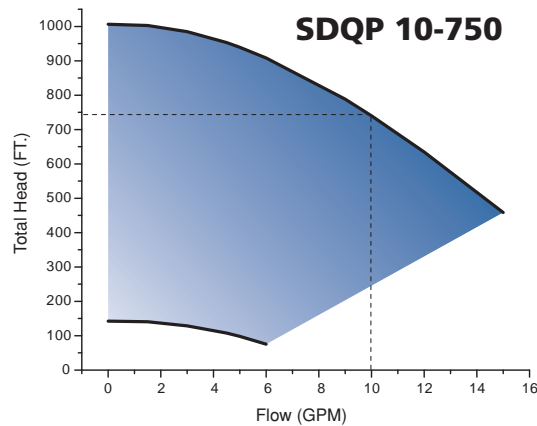
Motor HP	psi	Depth to Pumping Water Level, or Lift, in Feet																		
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500		550	600
1.5	0						18.0	17.3	16.8	16.4	16.0	15.0	13.7	12.1	10.5	9.0	7.6	5.8	2.7	Shut-off 625 ft
	20				17.8	17.2	16.7	16.3	15.9	15.5	15.1	13.8	12.3	10.6	9.1	7.7	6.0	3.0		
	30			17.7	17.1	16.6	16.2	15.9	15.5	15.0	14.5	13.1	11.5	9.9	8.5	7.0	4.8	0.8		
	40		17.6	17.0	16.6	16.2	15.8	15.4	14.9	14.5	13.9	12.4	10.8	9.2	7.8	6.1	3.3			
	50	17.5	16.9	16.5	16.1	15.7	15.3	14.9	14.4	13.8	13.2	11.6	10.0	8.6	7.1	5.1	1.2			
	60	16.9	16.4	16.1	15.7	15.3	14.8	14.3	13.7	13.1	12.5	10.9	9.3	7.9	6.3	3.6				
	70	16.4	16.0	15.6	15.2	14.7	14.2	13.6	13.0	12.4	11.8	10.1	8.7	7.2	5.2	1.6				
Shut-off psi		262	253	245	236	227	219	210	201	193	184	162	141	119	97	76	54	32	11	

# SubDrive *QuickPAK*

## Pump Curves



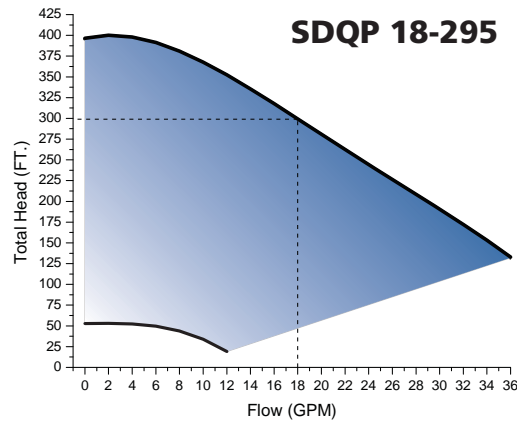
Motor HP	psi	Depth to Pumping Water Level, or Lift, in Feet																	
		100	120	140	160	180	200	250	300	350	400	450	500	550	600	650	700		750
2.0	0								17	16	15	14	13	11	10	10	8	4	Shut-off 767 ft
	20							17	16	15	14	13	12	10	10	8	5		
	30						18	16	16	15	14	12	11	10	9	7			
	40					18	17	16	15	14	13	12	11	10	8	5			
	50				17	17	17	16	15	14	12	11	10	9	7	2			
	60			17	17	16	16	15	14	13	12	11	10	8	5				
	70	18	17	17	16	16	16	15	14	12	11	10	9	7	3				
Shut-off psi	289	280	271	263	254	246	224	202	181	159	137	116	94	72	51	29	7		



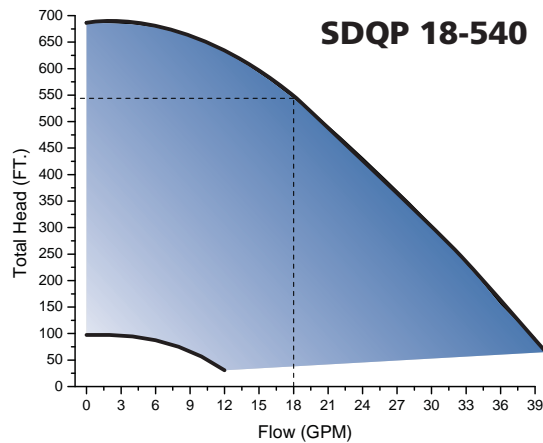
Motor HP	psi	Depth to Pumping Water Level, or Lift, in Feet															
		300	350	400	450	500	550	600	650	700	750	800	850	900	950		1000
3	0					14.8	14.0	12.8	11.6	11.1	9.9	8.5	7.4	6.5	5.0	1.3	Shut-off 1010 ft
	20				14.8	14.0	12.9	11.7	10.6	10.0	8.6	7.5	6.6	5.2	1.7		
	30			14.1	14.5	13.5	12.3	11.2	10.2	9.4	8.1	7.1	6.0	4.0			
	40			12.6	14.1	13.0	11.8	10.7	9.8	8.7	7.6	6.6	5.3	2.1			
	50			14.5	11.9	13.6	12.4	11.3	10.3	9.4	8.2	7.1	6.1	4.2			
	60			12.8	11.7	13.1	11.9	10.8	9.9	9.1	7.6	6.7	5.5	2.5			
	70	14.8	12.0	11.7	12.5	11.3	10.3	9.5	8.7	7.2	6.2	4.4					
Shut-off psi	307	286	264	242	221	199	178	156	134	113	91	69	48	26	4		

# SubDrive *QuickPAK*

## Pump Curves



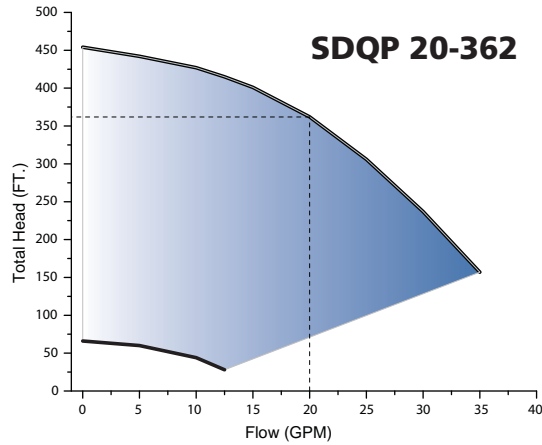
Motor HP	psi	Depth to Pumping Water Level, or Lift, in Feet													
		20	40	60	80	100	120	140	160	180	200	250	300	350	
1.5	0				40.5	38.9	37.1	35.3	33.3	31.1	28.9	23.3	18.0	11.5	Shut-off 391 ft
	20		40.0	38.3	36.6	34.7	32.6	30.4	28.2	25.9	23.7	18.4	12.1	0.6	
	30	39.7	38.1	36.3	34.4	32.3	30.1	27.8	25.6	23.4	21.2	15.8	7.9		
	40	37.8	36.0	34.1	32.0	29.8	27.5	25.3	23.1	20.9	18.8	12.7	1.8		
	50	35.7	33.8	31.6	29.4	27.1	24.9	22.7	20.6	18.4	16.2	8.7			
	60	33.4	31.3	29.1	26.8	24.6	22.4	20.3	18.1	15.8	13.2	3.0			
	70	30.9	28.7	26.5	24.2	22.0	19.9	17.8	15.5	12.8	9.4				
Shut-off psi		161	154	145	137	128	120	111	102	94	85	63	42	20	



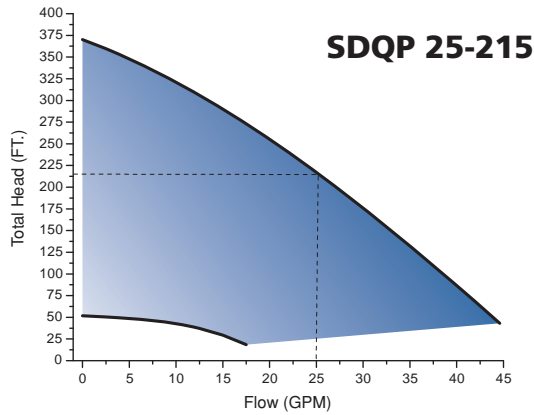
Motor HP	psi	Depth to Pumping Water Level, or Lift, in Feet																			
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	550	600	650	
3	0								35.9	34.7	33.8	32.3	30.6	28.1	25.1	22.3	20.0	18.3	15.8	10.0	Shut-off 690 ft
	20						35.5	34.4	33.6	33.0	32.4	30.8	28.3	25.4	22.5	20.2	18.4	16.1	10.6		
	30					35.3	34.2	33.5	32.9	32.3	31.7	29.7	27.0	24.0	21.3	19.3	17.5	14.2	5.9		
	40			36.6	35.1	34.1	33.4	32.8	32.3	31.6	30.9	28.5	25.6	22.7	20.3	18.5	16.3	11.2			
	50		36.3	34.9	34.0	33.3	32.7	32.2	31.5	30.8	29.9	27.2	24.2	21.5	19.5	17.7	14.6	6.8			
	60	36.0	34.7	33.9	33.2	32.6	32.1	31.4	30.7	29.8	28.7	25.8	22.9	20.5	18.7	16.6	11.8	0.3			
	70	34.6	33.7	33.1	32.6	32.0	31.3	30.5	29.6	28.6	27.4	24.4	21.7	19.6	17.8	14.9	7.7				
Shut-off psi		290	281	273	264	255	247	238	230	221	212	191	169	147	126	104	82	61	39	17	

# SubDrive *QuickPAK*

## Pump Curves



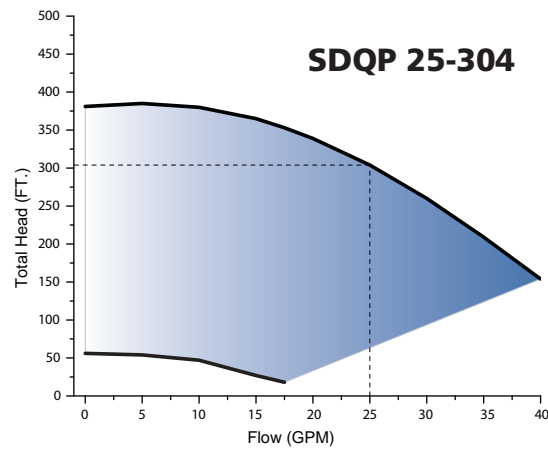
Motor HP	psi	Depth to Pumping Water Level, or Lift, in Feet															
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	
2.0	0								35	33	32	29	26	21	15	2	Shut-off 454 ft
	20						34	32	31	31	29	26	21	16	3		
	30					34	32	31	30	29	28	24	19	12			
	40				33	32	31	30	29	28	26	22	16	5			
	50			33	32	31	30	29	28	26	24	20	13				
	60	35	33	32	31	30	29	27	26	24	22	17	6				
	70	33	32	31	30	29	27	25	24	22	20	13					
Shut-off psi		188	179	171	162	153	145	136	127	119	110	88	67	45	23	2	



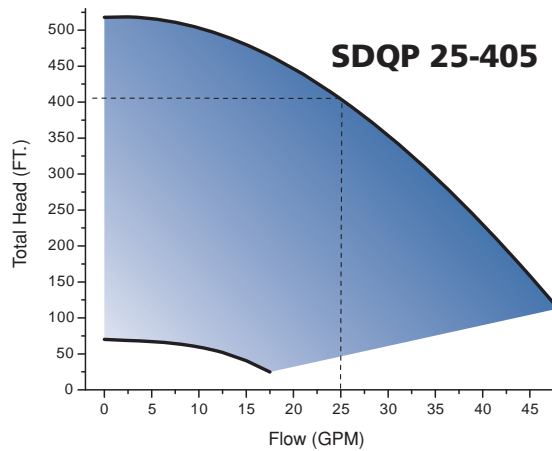
Motor HP	psi	Depth to Pumping Water Level, or Lift, in Feet													
		20	40	60	80	100	120	140	160	180	200	250	300	350	
1.5	0		44.6	42.3	40.5	38.9	37.1	34.9	32.5	29.8	27.0	20.1	13.7	4.7	Shut-off 363.9 ft
	20	41.7	40.0	38.3	36.4	34.2	31.7	28.9	26.1	23.3	20.6	14.2	5.7		
	30	39.8	38.1	36.1	33.8	31.3	28.5	25.6	22.8	20.1	17.6	10.9			
	40	37.8	35.8	33.5	30.8	28.1	25.2	22.4	19.7	17.2	14.7	6.6			
	50	35.4	33.1	30.4	27.6	24.8	22.0	19.3	16.8	14.3	11.5				
	60	32.7	30.0	27.2	24.3	21.6	18.9	16.4	13.9	11.0	7.4				
	70	29.6	26.7	23.9	21.2	18.5	16.0	13.5	10.5	6.7	1.3				
Shut-off psi		149	140	132	123	114	106	97	88	80	71	49	28	6	

# SubDrive *QuickPAK*

## Pump Curves



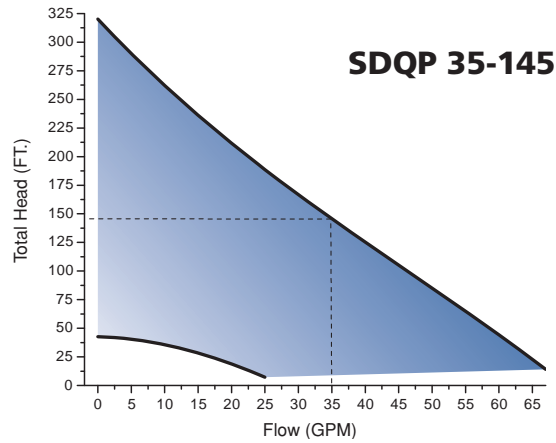
Motor HP	psi	Depth to Pumping Water Level, or Lift, in Feet													
		20	40	60	80	100	120	140	160	180	200	250	300	350	
2.0	0								39	37	36	31	25	18	Shut-off 385 ft
	20						38	36	35	34	32	26	19		
	30					38	36	35	33	31	29	23	12		
	40				37	36	35	33	31	29	26	20			
	50		40	37	36	35	33	31	28	26	24	14			
	60	39	37	36	34	33	30	28	25	23	21				
	70	37	35	34	32	30	27	25	23	20	15				
Shut-off psi		158	149	141	132	123	115	106	97	89	80	58	37	15	



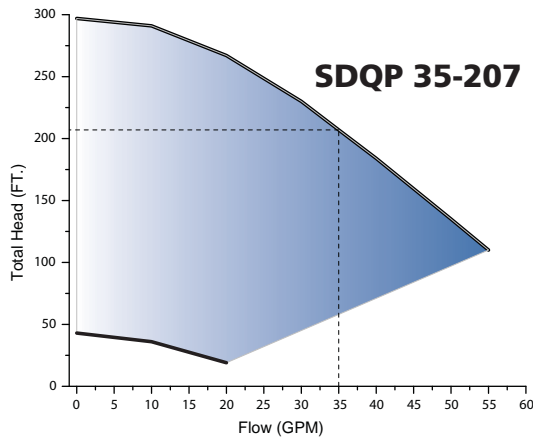
Motor HP	psi	Depth to Pumping Water Level, or Lift, in Feet																
		20	40	60	80	100	120	140	160	180	200	250	300	350	400	450	500	
3	0						47.5	46.1	44.9	43.7	42.4	38.5	34.1	29.7	25.7	20.6	9.9	Shut-off 525 ft
	20				47.1	45.7	44.5	43.3	42.0	40.5	38.9	34.4	30.0	26.0	21.1	11.0		
	30			46.8	45.5	44.3	43.1	41.7	40.2	38.6	36.8	32.3	28.2	24.0	17.5	2.6		
	40		46.6	45.3	44.1	42.9	41.5	40.0	38.3	36.6	34.7	30.4	26.3	21.6	12.1			
	50	46.4	45.2	44.0	42.7	41.3	39.7	38.1	36.3	34.5	32.7	28.5	24.4	18.2	4.3			
	60	45.0	43.8	42.5	41.1	39.5	37.8	36.0	34.2	32.4	30.7	26.7	22.0	13.2				
	70	43.6	42.3	40.8	39.2	37.5	35.7	33.9	32.1	30.4	28.8	24.7	18.8	5.8				
Shut-off psi		219	210	201	193	184	175	167	158	149	141	119	97	76	54	32	11	

# SubDrive *QuickPAK*

## Pump Curves



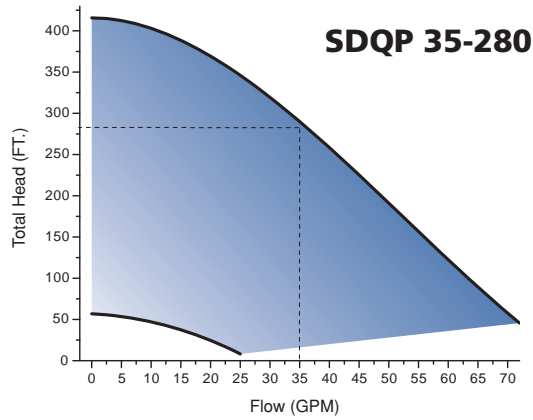
Motor HP	psi	Depth to Pumping Water Level, or Lift, in Feet												Shut-off 308 ft
		20	40	60	80	100	120	140	160	180	200	250	300	
1.5	0	65.2	61.5	57.0	52.0	46.6	41.2	35.9	30.9	26.3	22.1	13.0	3.0	
	20	55.5	50.3	44.9	39.5	34.3	29.4	24.9	20.9	17.2	13.7	3.9		
	30	49.5	44.1	38.7	33.5	28.7	24.3	20.3	16.6	13.1	9.5			
	40	43.3	37.9	32.8	28.0	23.6	19.7	16.1	12.6	9.0	4.8			
	50	37.1	32.0	27.3	23.0	19.1	15.5	12.0	8.4	4.1				
	60	31.2	26.6	22.4	18.5	15.0	11.5	7.8	3.3					
	70	25.9	21.7	18.0	14.4	10.9	7.1	2.6						
Shut-off psi		125	116	107	99	90	81	73	64	55	47	25	3	



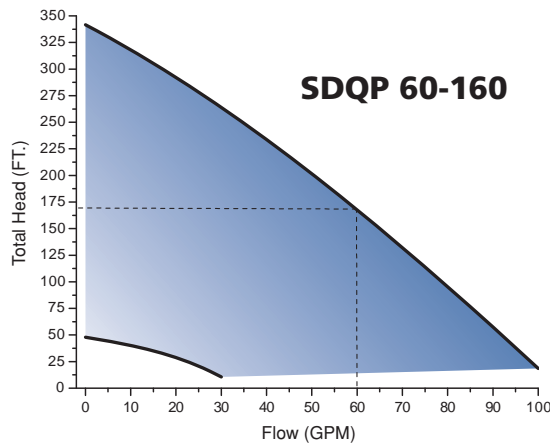
Motor HP	psi	Depth to Pumping Water Level, or Lift, in Feet										Shut-off 297 ft	
		20.0	40.0	60.0	80.0	100.0	120.0	140.0	160.0	180.0	200.0		250.0
2	0						52	49	46	42	36	26	
	20				51	48	45	40	35	30	26	2	
	30			51	48	44	39	34	30	26	20		
	40	54	50	47	43	38	33	29	25	19	6		
	50	50	47	43	38	33	28	24	18	3			
	60	46	42	37	32	28	24	16					
	70	41	36	31	27	23	15						
Shut-off psi		120	111	103	94	85	77	68	59	51	42	20	

# SubDrive *QuickPAK*

## Pump Curves



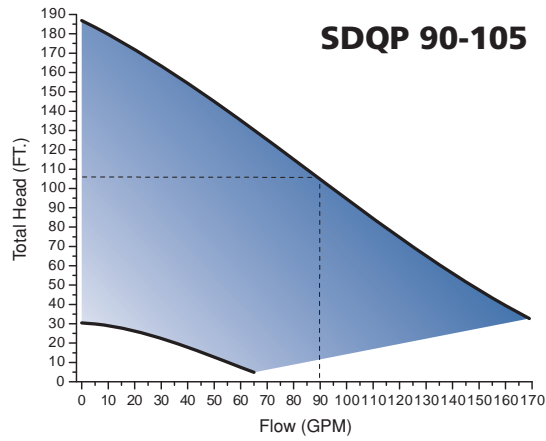
Motor HP	psi	Depth to Pumping Water Level, or Lift, in Feet														
		20	40	60	80	100	120	140	160	180	200	250	300	350		400
3	0	72.5	70.5	68.8	66.9	64.7	62.1	59.0	55.6	52.0	48.3	39.7	32.7	25.4	10.5	Shut-off 419 ft
	20	68.2	66.3	63.9	61.2	58.0	54.5	50.9	47.2	43.7	40.3	33.2	26.1	12.2		
	30	65.9	63.5	60.7	57.5	54.0	50.3	46.7	43.1	39.8	36.9	30.2	21.2			
	40	63.1	60.2	56.9	53.4	49.7	46.1	42.6	39.4	36.4	33.7	26.8	13.7			
	50	59.7	56.4	52.8	49.2	45.5	42.1	38.9	36.0	33.3	30.7	22.1	2.2			
	60	55.9	52.3	48.6	45.0	41.6	38.4	35.6	32.9	30.3	27.4	15.2				
	70	51.7	48.0	44.5	41.1	38.0	35.1	32.5	29.9	26.9	23.0	4.5				
Shut-off psi		173	164	155	147	138	129	121	112	104	95	73	52	30	8	



Motor HP	psi	Depth to Pumping Water Level, or Lift, in Feet												
		20	40	60	80	100	120	140	160	180	200	250		300
3	0	98.2	93.7	89.4	84.8	79.7	74.2	68.2	61.9	55.5	49.2	34.2	18.5	Shut-off 338 ft
	20	88.0	83.3	78.1	72.4	66.3	59.9	53.5	47.3	41.2	35.3	19.9		
	30	82.5	77.2	71.4	65.3	58.9	52.6	46.3	40.3	34.4	28.6	10.4		
	40	76.3	70.5	64.3	57.9	51.6	45.4	39.4	33.5	27.6	21.2			
	50	69.6	63.3	56.9	50.6	44.4	38.5	32.6	26.7	20.1	12.2			
	60	62.3	56.0	49.6	43.5	37.6	31.7	25.7	19.0	10.7				
	70	55.0	48.7	42.6	36.7	30.8	24.7	17.8	9.3					
Shut-off psi		138	129	120	112	103	94	86	77	68	60	38	16	

# SubDrive *QuickPAK*

## Pump Curves



Motor HP	psi	Depth to Pumping Water Level, or Lift, in Feet									Shut-off 183 ft
		20	40	60	80	100	120	140	160	180	
3	0		158.4	137.6	116.2	93.6	72.5	54.4	36.7	8.9	
	20	131.2	109.2	86.8	66.6	49.1	29.9				
	30	105.7	83.5	63.7	46.5	26.0					
	40	80.2	60.9	43.8	21.8						
	50	58.2	41.0	17.0							
	60	38.1	11.6								
	70	5.6									
Shut-off psi		71	62	53	45	36	27	19	10	1	

# SubDrive *QuickPAK*

NEMA 1 Enclosure				
Model	Order No.	SubDrive	Pump End HP	Motor HP
SubDrive QuickPak 7-600	93800775	SD75	0.75	1.50
SubDrive QuickPak 7-726	93800770	SD100	1.00	2.00
SubDrive QuickPak 7-1050	93800715	SD150	1.50	3.00
SubDrive QuickPak 10-420	93801075	SD75	0.75	1.50
SubDrive QuickPak 10-620	93801060	SD100	1.00	2.00
SubDrive QuickPak 10-750	93801015	SD150	1.50	3.00
SubDrive QuickPak 18-295	93801876	SD75	0.75	1.50
SubDrive QuickPak 18-540	93801816	SD150	1.50	3.00
SubDrive QuickPak 20-362	93802030	SD100	1.00	2.00
SubDrive QuickPak 25-215	93802575	SD75	1.00	1.50
SubDrive QuickPak 25-304	93802525	SD100	1.00	2.00
SubDrive QuickPak 25-405	93802515	SD150	1.50	3.00
SubDrive QuickPak 35-145	93803575	SD75	1.00	1.50
SubDrive QuickPak 35-207	93803510	SD100	1.00	2.00
SubDrive QuickPak 35-280	93803515	SD150	1.50	3.00
SubDrive QuickPak 60-160	93806015	SD150	1.50	3.00
SubDrive QuickPak 90-105	93809015	SD150	2.00	3.00

NEMA 4 Enclosure				
Model	Order No.	SubDrive	Pump End HP	Motor HP
SubDrive QuickPak 7-600-N4	9380 0760	SD75-N4	0.75	1.50
SubDrive QuickPak 7-726-4R	93800772	SD100-N4	1.00	2.00
SubDrive QuickPak 7-1050-N4	9380 0710	SD150-N4	1.50	3.00
SubDrive QuickPak 10-420-N4	9380 1042	SD75-N4	0.75	1.50
SubDrive QuickPak 10-620-N4	93801062	SD100-N4	1.00	2.00
SubDrive QuickPak 10-750-N4	9380 1050	SD150-N4	1.50	3.00
SubDrive QuickPak 18-295-N4	9380 1829	SD75-N4	0.75	1.50
SubDrive QuickPak 18-540-N4	9380 1854	SD150-N4	1.50	3.00
SubDrive QuickPak 20-362-N4	93802036	SD100-N4	1.00	2.00
SubDrive QuickPak 25-215-N4	9380 2521	SD75-N4	1.00	1.50
SubDrive QuickPak 25-304-N4	93802530	SD100-N4	1.00	2.00
SubDrive QuickPak 25-405-N4	9380 2540	SD150-N4	1.50	3.00
SubDrive QuickPak 35-145-N4	9380 3514	SD75-N4	1.00	1.50
SubDrive QuickPak 35-207-N4	93803520	SD100-N4	1.00	2.00
SubDrive QuickPak 35-280-N4	9380 3528	SD150-N4	1.50	3.00
SubDrive QuickPak 60-160-N4	9380 6016	SD150-N4	1.50	3.00
SubDrive QuickPak 90-105-N4	9380 9010	SD150-N4	2.00	3.00

NEMA 4: Designed for the toughest outdoor applications, the NEMA 4 enclosure protects against seasonal weather conditions such as:

- Rain, sleet, snow, and external ice
- Falling dirt or windblown dust
- Splashing or hose-directed water
- Enclosure corrosion

**Example:** SubDrive QuickPAK XX (Flow rate) -XXX (Feet of Head)



**Franklin Electric**

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