

WKL

پمپ طبقاتی افقی تامین فشار

WKL V

الکتروپمپ طبقاتی عمودی تامین فشار

High Pressure Horizontal Multi Stage Pump

WKL

High Pressure Vertical Multi Stage Electro Pump

WKL V



شرکت صنایع الکتروپمپ رایان ظرف سالیان گذشته و در راستای اهداف کوتاه مدت و بلند مدت خود همواره محصولات جدیدی را که از امتیاز طول عمر بالا و تناسب قیمت بهره مند می باشند را عرضه می دارد.

مهمترین اهداف:

- ◀ ارتقاء سطح کیفی و کمی تولیدات
 - ◀ تولید محصولات متناسب با نیازهای کشور
 - ◀ دستیابی به تکنولوژی روز دنیا و استفاده از آن در تولیدات
 - ◀ گسترش سبد محصولات قابل عرضه
- یکی از جدیدترین محصولات تولیدی این شرکت پمپ WKLW می باشد. کارکرد هیدرولیکی این پمپ همانند پمپ WKL می باشد ولی در روش کوپل با موتور و اجزا و قطعات داخل پمپ تحول ویژه ای در آن روی داده است. ساختار پمپ به صورت عمودی و اتصال با الکتروموتور به وسیله فلنج می باشد. برای نصب آن به فضای به مراتب کوچکتری نیاز است.
- پمپ WKLW از ویژگی های مهمی برخوردار است که عمده آنها عبارتند از:
- ۱- کوپل به موتور با فلنج:

- ۱-۱- با این روش کوپل، نیازی به شاسی و کوپلینگ نمی باشد.
- ۲-۱- با این روش کوپل، نیازی به هم راستایی کوپلینگ (Alignment) نیست.
- ۲- به سرویس های دوره ای جهت کنترل قطعات کوپلینگ و تعویض آن نیازی نمی باشد.
- ۳- سیل مکانیکی:
- ۳-۱- پمپ به سیل مکانیکی مجهز است که باعث عدم آبریزی در اطراف پمپ و صرفه جویی در آب می گردد.
- ۴- پمپ به یاتاقان های جدیدی مجهز است و نیازی به گریس کاری نمی باشد.
- ۵- کارکرد پمپ بدون لرزش و بسیار کم صدا می باشد.
- ۶- امکان گردش محفظه رانش حول خود، در این پمپ ممکن گردیده و بر اساس محل نصب زاویه بین محفظه مکش و محفظه رانش قابل تغییر می باشد.

معرفی محصول:

پمپ تأمین فشار WKLW, WKLW4:

(عدد ۴ به معنای کارکرد با دور ۱۴۵۰ می باشد)

- این پمپ ها با دو موتور 2900 دور (دو قطبی) و 1450 دور (چهار قطبی) کوپل می گردد.
- این پمپ ها جهت انتقال مایعات به ارتفاعات و کار در مدارهای که نیاز به تأمین فشار داشته باشد، طراحی گردیده اند.
- پمپها دارای چند طبقه بوده و افزایش فشار با افزایش تعداد طبقات ممکن می گردد.
- در حالت معمول زاویه ورود و خروج آب با یکدیگر ۱۸۰ درجه است.

شرایط استفاده:

- درجه حرارت سیال از ۱۰- تا ۹۰+ درجه سانتی گراد.
- دمای محیط تا ۴۰ درجه سانتی گراد.
- حداکثر فشار کاری برای محصولات عمومی تا ۳۵ بار و برای محصولات ویژه تا ۵۰ بار میباشد.

n≈ 1450 rpm

پمپ 32 WKLV4 , WKL 4

تیپ پمپ	توان P		آمپر A	قطر پروانه D (mm)	قطر فلنج mm		Q									
	KW	HP			مکش	رانش	m3/h l/s	آبدی								
								2	3	3.5	4	4.5	5	5.5	6	
								0.55	0.83	0.97	1.11	1.25	1.39	1.52	1.67	
WKL V4 32.1 D	0.25	0.34	0.7	125	40	32	H (m)	5.6	5.1	4.8	4.4	4	3.5	*	*	
WKL V4 32.1 C	0.25	0.34	0.7	130				6.2	5.8	5.5	5.1	4.7	4.2	3.7	*	
WKL V4 32.1 B	0.25	0.34	0.7	135				6.7	6.3	6	5.6	5.2	4.7	4.2	*	
WKL V4 32.1 A	0.25	0.34	0.7	140				7.5	7.1	6.8	6.4	6	5.5	5	4.5	
WKL V4 32.2 D	0.37	0.5	1	125				11.1	10.2	9.7	9	8.1	7.1	*	*	
WKL V4 32.2 C	0.37	0.5	1	130				12.3	11.5	11	10.3	9.5	8.6	7.6	*	
WKL V4 32.2 B	0.37	0.5	1	135				13.5	12.6	12.1	11.4	10.6	9.7	8.7	*	
WKL V4 32.2 A	0.37	0.5	1	140				14.7	13.9	13.3	12.6	11.8	11	10	9	
WKL V4 32.3 D	0.55	0.75	1	125				16.2	15.3	14.6	13.6	12.5	11.1	*	*	
WKL V4 32.3 C	0.55	0.75	1	130				18	17.2	16.5	15.6	14.5	13.1	11.4	*	
WKL V4 32.3 B	0.55	0.75	1	135				20	19.1	18.3	17.3	16.2	14.8	13.1	*	
WKL V4 32.3 A	0.75	1	2	140				21.8	21	20.2	19.2	18	16.7	15.2	13.6	
WKL V4 32.4 D	0.75	1	2	125				22.3	20.5	19.2	17.6	15.9	14	*	*	
WKL V4 32.4 C	0.75	1	2	130				24.4	22.7	21.5	20	18.5	16.8	14.7	*	
WKL V4 32.4 B	0.75	1	2	135				26.7	25	23.8	22.4	20.8	19.2	17.2	*	
WKL V4 32.4 A	1.1	1.5	3	140				29.2	27.7	26.5	25.2	23.7	22	20.2	18.2	
WKL V4 32.5 D	1.1	1.5	3	125				28	25.7	24	22.1	20	18	*	*	
WKL V4 32.5 C	1.1	1.5	3	130				30.5	28.4	26.8	25	23	20.8	18.4	*	
WKL V4 32.5 B	1.1	1.5	3	135				33.7	31.5	30	28.3	26.4	24.4	21.9	*	
WKL V4 32.5 A	1.1	1.5	3	140				35.8	34	32.7	31.2	29.5	27.5	25.3	23	
WKL V4 32.6 D	1.1	1.5	3	125				33.8	30.8	28.9	26.5	23.8	20.8	*	*	
WKL V4 32.6 C	1.1	1.5	3	130				36.8	34.2	32.3	30.1	27.6	24.8	21.7	*	
WKL V4 32.6 B	1.1	1.5	3	135				40	37.5	35.8	33.8	31.3	28.8	25.8	*	
WKL V4 32.6 A	1.5	2	4	140				43.6	41.4	39.7	37.9	35.5	33	30	27	
WKL V4 32.7 D	1.1	1.5	3	125				39	35.8	33.5	30.8	27.8	24.1	*	*	
WKL V4 32.7 C	1.1	1.5	3	130				42.8	39.7	37.5	35	32.2	28.8	25.4	*	
WKL V4 32.7 B	1.5	2	4	135				47	44	41.9	39.5	36.7	33.8	30.5	*	
WKL V4 32.7 A	1.5	2	4	140				50.8	48.1	46.2	44	41.5	38.8	35.5	32	
WKL V4 32.8 D	1.5	2	4	125				45	41.3	38.6	35.4	31.9	27.6	*	*	
WKL V4 32.8 C	1.5	2	4	130				49	45.5	42.9	40	36.8	32.8	28.8	*	
WKL V4 32.8 B	1.5	2	4	135				53.7	50.2	47.8	45	41.6	38.2	34.2	*	
WKL V4 32.8 A	2.2	3	5	140				57.7	54.7	52.6	50	47	44	40.2	36	
WKL V4 32.9 D	1.5	2	4	125				50.5	46.3	43.3	39.4	35.5	31	*	*	
WKL V4 32.9 C	1.5	2	4	130				55	51.2	48.4	45.2	41.3	37.2	32.4	*	
WKL V4 32.9 B	1.5	2	4	135				60	56.2	53.6	50.5	46.8	43.1	38.5	*	
WKL V4 32.9 A	2.2	3	5	140				65.5	62	59.6	57	53.5	50	45.5	41	
WKL V4 32.10 D	1.5	2	4	125				56	51.3	47.8	43.5	39	34	*	*	
WKL V4 32.10 C	2.2	3	5	130				61.5	57	53.8	50	46	41	36	*	
WKL V4 32.10 B	2.2	3	5	135				67.5	63	59.9	56.5	52.2	48	43	*	
WKL V4 32.10 A	2.2	3	5	140				73	69	66.2	63	59	55	50.5	45	
WKL V4 32.11 D	2.2	3	5	125	61	56.5	52.9	48.2	43.5	38	*	*				
WKL V4 32.11 C	2.2	3	5	130	67	62.4	59	55	50.6	45.1	39.6	*				
WKL V4 32.11 B	2.2	3	5	135	74	69.3	65.9	62	57.4	52.8	47.3	*				
WKL V4 32.11 A	2.2	3	5	140	79.5	75.5	72.6	69.1	65	60.6	55.5	50				
WKL V4 32.12 D	2.2	3	5	125	67	61.8	57.8	53.2	48	42	*	*				
WKL V4 32.12 C	2.2	3	5	130	73.3	68	64.2	60	55.2	49.2	43.2	*				
WKL V4 32.12 B	2.2	3	5	135	80	75.5	72.1	67.8	62.7	57.6	51.6	*				
WKL V4 32.12 A	3	4	7	140	87	82.8	79.8	76	71.1	66.1	60.5	55				

H	m	3.4	5.5	9.2	13.7	18.3	25.9	33.5	42.7	51.8	61	73.2	88.4
	ft	11	18	30	45	60	85	110	140	170	200	240	290

Q	m3 / h	2	3	3.5	4	4.5	5	5.5	6
	g.p.m	7.5	11	13	15	17	19	21	23

n≈ 1450 rpm

پمپ 32 WKLV4 , WKL 4

تیپ پمپ	توان P		آمپر A	قطر پروانه D (mm)	قطر فلنج mm		Q آبدهی								
	KW	HP			مکش	رانش	m3/h	2	3	3.5	4	4.5	5	5.5	6
							l/s	0.55	0.83	0.97	1.11	1.25	1.39	1.52	1.67
WKL V4 32.13 D	2.2	3	5	125	40	32	H (m)	73	67.1	62.3	56.8	50.8	44	*	*
WKL V4 32.13 C	2.2	3	5	130				80	74	70	65	59.8	53.3	46.8	*
WKL V4 32.13 B	2.2	3	5	135				87.7	81.8	77.9	73.4	67.9	62.4	56	*
WKL V4 32.13 A	3	4	7	140				95	90	86.3	82	77	72	65.7	59
WKL V4 32.14 D	2.2	3	5	125				78	72	67.2	61.7	55.8	48.8	*	*
WKL V4 32.14 C	2.2	3	5	130				86	79.8	75.2	70	64.5	57.4	50.4	*
WKL V4 32.14 B	3	4	7	135				94	88.4	84.2	79.2	73.2	67.2	60.2	*
WKL V4 32.14 A	3	4	7	140				102	97.3	93.3	88.4	82.5	77	70.5	64
WKL V4 32.15 D	2.2	3	5	125				84.5	77.1	72	65.8	59.2	52	*	*
WKL V4 32.15 C	3	4	7	130				92.2	85.5	80.5	75	69	61.5	54	*
WKL V4 32.15 B	3	4	7	135				101.2	94.5	90	84.7	78.3	72	64.5	*
WKL V4 32.15 A	3	4	7	140				109	103	98.6	94	88.5	82.7	75.8	69
WKL V4 32.16 D	3	4	7	125				89	82	76.4	70	63	55	*	*
WKL V4 32.16 C	3	4	7	130				98	91	86	80	73.6	65.6	57.6	*
WKL V4 32.16 B	3	4	7	135				107	100.5	96	90.2	83.5	76.8	68.8	*
WKL V4 32.16 A	4	5.5	9	140				116.5	110.2	106.5	101	94.5	88	80.8	73
WKL V4 32.17 D	3	4	7	125				94	87.4	81.4	74.5	67	59	*	*
WKL V4 32.17 C	3	4	7	130				104	97	91.4	85	78.2	69.7	61.2	*
WKL V4 32.17 B	3	4	7	135				114	107.2	102.2	96	88.8	81.6	73	*
WKL V4 32.17 A	4	5.5	9	140				124	117	112.4	107	100.5	94	86	78

H	m	42.7	48.8	55	61	67	76	85	94.5	104	113	125	134
	ft	140	160	180	200	220	250	280	310	340	370	410	440

Q	m ³ /h	2	3	3.5	4	4.5	5	5.5	6
	g.p.m	7.5	11	13	15	17	19	21	23

n≈ 1450 rpm

پمپ WKLV4 , WKL 4 40

تیپ پمپ	توان P		آمپر A	قطر پروانه D (mm)	قطر فلنج mm		Q									
	KW	HP			مکش	رانش	m3/h	آبدی								
								4	6	7	8	9	10	11	12	
							l/s	1.11	1.67	1.95	2.22	2.5	2.78	3	3.34	
WKL4 40.1 D	0.37	0.5	1	155	50	40	H (m)	8.6	8.1	7.7	7	6.2	5.3	*	*	
WKL4 40.1 C	0.55	0.75	1	160				9.2	8.8	8.4	7.8	7	6.2	5.3	*	
WKL4 40.1 B	0.55	0.75	1	165				9.8	9.5	9.2	8.7	8	7.2	6.2	*	
WKL4 40.1 A	0.55	0.75	1	170				10.5	10.2	9.9	9.4	8.8	8.1	7.2	6.1	
WKL4 40.2 D	1.1	1.5	3	155				17.4	16.3	15.3	14	12.3	10.5	*	*	
WKL4 40.2 C	1.1	1.5	3	160				18.6	17.6	16.8	15.7	14.3	12.6	10.6	*	
WKL4 40.2 B	1.1	1.5	3	165				19.8	19	18.3	17.2	16	14.4	12.5	*	
WKL4 40.2 A	1.1	1.5	3	170				21	20.4	19.8	18.8	17.6	16.2	14.6	12.6	
WKL4 40.3 D	1.5	2	4	155				25.8	24.5	23.2	21.2	18.8	16	*	*	
WKL4 40.3 C	1.5	2	4	160				27.6	26.4	25.2	23.4	21.2	18.7	16	*	
WKL4 40.3 B	1.5	2	4	165				29.7	28.5	27.5	25.8	23.8	21.5	19	*	
WKL4 40.3 A	2.2	3	5	170				31.6	30.6	29.7	28.2	26.4	24.3	21.9	19	
WKL4 40.4 D	2.2	3	5	155				34.5	32.8	31	28.4	25.2	21.8	*	*	
WKL4 40.4 C	2.2	3	5	160				36.8	35.2	33.6	31.3	28.3	25	21.5	*	
WKL4 40.4 B	2.2	3	5	165				39.4	38	36.5	34.4	31.8	28.8	25	*	
WKL4 40.4 A	2.2	3	5	170				42	40.8	39.6	37.6	35.2	32.4	29.2	25.2	
WKL4 40.5 D	2.2	3	5	155				43	41	38.8	35.5	31.5	27	*	*	
WKL4 40.5 C	2.2	3	5	160				46.2	44	42	39	35.4	31.4	27	*	
WKL4 40.5 B	2.2	3	5	165				49.5	47.5	45.6	43	39.8	36	31.5	*	
WKL4 40.5 A	3	4	7	170				53	51.2	49.5	47	44	40.5	36.5	31.5	
WKL4 40.6 D	3	4	7	160				51.9	49.1	46.1	42	37	31.5	*	*	
WKL4 40.6 C	3	4	7	160				55.6	52.8	50.3	46.8	42	37.2	31.8	*	
WKL4 40.6 B	3	4	7	165				59.4	57	54.8	51.6	47.6	43	37.4		
WKL4 40.6 A	3	4	7	170				63	61.2	59.4	56.4	52.8	48.6	43.8	37.8	
WKL4 40.7 D	3	4	7	155				60.5	57.2	54	49.3	43.7	37.5	*	*	
WKL4 40.7 C	3	4	7	160				64.5	61.5	58.7	54.5	48.9	43.3	37	*	
WKL4 40.7 B	4	5.5	9	165				69.3	66.5	64	60.2	55.4	50	44	*	
WKL4 40.7 A	4	5.5	9	170				73.5	71.4	69.3	65.8	61.6	56.7	51.1	44.1	
WKL4 40.8 D	4	5.5	9	155				69.2	65.4	61.6	56	49.2	42	*	*	
WKL4 40.8 C	4	5.5	9	160				74.3	70.4	67.2	62.4	56.5	49.6	42.4	*	
WKL4 40.8 B	4	5.5	9	165				79.2	76	72.8	68.8	63.8	57.4	50	*	
WKL4 40.8 A	4	5.5	9	170				83.8	81.5	79	75.2	70.4	64.8	58.4	50.4	
WKL4 40.9 D	4	5.5	9	155				78	73.6	69.4	63.6	56	47.2	*	*	
WKL4 40.9 C	4	5.5	9	160				83.2	79	75.4	70.2	63.4	55.8	48	*	
WKL4 40.9 B	4	5.5	9	165				89	85.4	82	77.3	71.2	64.5	56	*	
WKL4 40.9 A	5.5	7.5	12	170				94.5	91.8	89.1	84.6	79.2	72.9	65.7	56.7	
WKL4 40.10 D	4	5.5	9	155				86	81.8	77	70.5	62.5	53.5	*	*	
WKL4 40.10 C	5.5	7.5	12	160				92	88	84	78	70.5	62.4	53	*	
WKL4 40.10 B	5.5	7.5	12	165				99	95	91.5	86	79	71.5	62.5	*	
WKL4 40.10 A	5.5	7.5	12	170				105	102	99	94.5	88.5	81	73	63	
WKL4 40.11 D	4	5.5	9	155				95	89.8	84.5	77	68	58	*	*	
WKL4 40.11 C	5.5	7.5	12	160				102	96.8	92.2	85.8	77.4	68.2	58.3	*	
WKL4 40.11 B	5.5	7.5	12	165				109	104.7	101	95	87.4	78.8	69	*	
WKL4 40.11 A	7.5	10	16	170				115.5	112.2	108.9	103.4	96.8	89.1	80.3	69.3	
WKL4 40.12 D	5.5	7.5	12	155				103.8	98.3	92.5	84	74	63	*	*	
WKL4 40.12 C	5.5	7.5	12	160				111	105.6	100.5	93.6	84	74.4	63.6	*	
WKL4 40.12 B	5.5	7.5	12	165				118.8	114	109.4	103.2	95	86.2	75	*	
WKL4 40.12 A	7.5	10	16	170				126	122.4	118.8	112.8	105.6	97.2	87.6	75.6	

H	m	4.6	9.2	13.7	22.8	32	41	50.2	64	78	91	105	128
	ft	15	30	45	75	105	135	165	210	255	300	345	420

Q	m3 / h	4	6	7	8	9	10	11	12
	g.p.m	15	23	27	30	34	38	42	46

$n \approx 1450 \text{ rpm}$

پمپ WKLV4 , WKL 4 40

تیپ پمپ	توان P		آمپر A	قطر پروانه D (mm)	قطر فلنج mm		Q آبدهی								
	KW	HP			مکش	رائش	m3/h	4	6	7	8	9	10	11	12
							l/s	1.11	1.67	1.95	2.22	2.5	2.78	3	3.34
WKL V4 40.13 D	5.5	7.5	12	155	50	40	H (m)	113	106	100	91	80	69	*	*
WKL V4 40.13 C	7.5	10	16	160				120.9	114.4	109	101.4	91.5	81	68.9	*
WKL V4 40.13 B	7.5	10	16	165				128.7	123.5	118.5	111.8	103	93	80.6	*
WKL V4 40.13 A	7.5	10	16	170				136.5	132.2	128.7	122.2	114.4	105.3	94.5	81.5
WKL V4 40.14 D	5.5	7.5	12	155				121	114	107.5	98	86	73.5	*	*
WKL V4 40.14 C	5.5	7.5	12	160				130.2	123.2	117.4	109.2	98.5	86.8	74.2	*
WKL V4 40.14 B	7.5	10	16	165				138.6	133	127.5	120.4	111	100	86.8	*
WKL V4 40.14 A	11	15	22	170				147	142.8	138.6	131.6	123.2	113.4	102.2	88.2
WKL V4 40.15 D	5.5	7.5	12	155				130	122.5	115.5	106	93	79	*	*
WKL V4 40.15 C	7.5	10	16	160				139.5	132	125.7	117	105.5	93	79.5	*
WKL V4 40.15 B	7.5	10	16	165				148.5	142.5	137	129	119	107.5	93	*
WKL V4 40.15 A	11	15	22	170				157.5	153	148.5	141	132	121	109	94
WKL V4 40.16 D	7.5	10	16	155				139	131	123.5	112	98.5	84	*	*
WKL V4 40.16 C	7.5	10	16	160				148.5	140.8	134.5	124.8	113	100	85	*
WKL V4 40.16 B	7.5	10	16	165				158.4	151.5	146	137.6	127	115	100.5	*
WKL V4 40.16 A	11	15	22	170				168	163.2	158.4	150.4	140.8	129.6	116.8	100.8

H	m	64	73	82	91	100	110	119	130	140	151	159	171
	ft	210	240	270	300	330	360	390	425	460	495	520	560

Q	m ³ /h	4	6	7	8	9	10	11	12
	g.p.m	15	23	27	30	34	38	42	46

n≈ 1450 rpm

پمپ WKLV4 , WKL 4 50

تیپ پمپ	توان P		آمپر A	قطر پروانه D (mm)	قطر فلنج mm		Q								
	KW	HP			مکش	رانش	آبدی								
							m3/h	5	10	12.5	15	20	22.5	25	27
							l/s	1.39	2.78	3.47	4.17	5.56	6.25	6.95	7.5
WKL4 50.1 F	0.55	0.75	1	140	65	50	H (m)	7	6.3	5.9	5.4	4.1	3.3	2.5	*
WKL4 50.1 E	0.55	0.75	1	145				7.6	6.9	6.5	6	4.7	4	3.2	*
WKL4 50.1 D	0.55	0.75	1	150				8.1	7.5	7.1	6.6	5.4	4.7	3.9	*
WKL4 50.1 C	0.75	1	2	155				8.6	8.1	7.7	7.2	6.1	5.4	4.7	4
WKL4 50.1 B	0.75	1	2	160				9.1	8.6	8.3	7.9	6.8	6.2	5.5	4.9
WKL4 50.1 A	1.1	1.5	3	165				9.7	9.3	9	8.6	7.6	7	6.3	5.7
WKL4 50.2 F	0.75	1	2	140				13.8	12.5	11.5	10.4	7.8	6.3	4.8	*
WKL4 50.2 E	1.1	1.5	3	145				15	13.9	13	12	9.5	8	6.5	*
WKL4 50.2 D	1.1	1.5	3	150				16.2	15.2	14.4	13.4	11	9.6	8	*
WKL4 50.2 C	1.1	1.5	3	155				17.1	16.2	15.5	14.6	12.3	11	9.6	8.4
WKL4 50.2 B	1.5	2	4	160				18.2	17.4	16.7	15.8	13.6	12.3	11	9.8
WKL4 50.2 A	2.2	3	5	165				19.3	18.6	18	17.2	15.3	14.1	12.6	11.3
WKL4 50.3 F	1.5	2	4	140				20.5	18.6	17.4	15.7	11.8	9.6	7.4	*
WKL4 50.3 E	1.5	2	4	145				22.4	20.85	19.7	18.3	14.6	12.4	10	*
WKL4 50.3 D	1.5	2	4	150				24.2	22.8	21.6	20.2	16.6	14.5	12.1	*
WKL4 50.3 C	2.2	3	5	155				25.7	24.3	23.2	21.8	18.4	16.5	14.4	12.4
WKL4 50.3 B	3	4	7	160				27.3	26.1	25.1	23.7	20.4	18.6	16.5	14.6
WKL4 50.3 A	3	4	7	165				29.1	27.9	27	25.8	22.95	21.15	18.9	16.95
WKL4 50.4 F	2.2	3	5	140				26.5	24.6	23	20.8	15.6	12.6	9.6	*
WKL4 50.4 E	2.2	3	5	145				29.5	27.5	26	24	19	16	13	*
WKL4 50.4 D	2.2	3	5	150				32.4	30.4	28.9	26.8	22	19	15.9	*
WKL4 50.4 C	3	4	7	155				34.2	32.4	31.1	29.2	24.6	21.9	18.9	16.1
WKL4 50.4 B	3	4	7	160				36.4	34.8	33.5	31.8	27.6	25	22.2	19.5
WKL4 50.4 A	4	5.5	9	165				38.8	37.2	36	34.5	30.6	28.2	25.2	22.6
WKL4 50.5 F	3	4	7	140				33	30.5	28.6	26.1	19.5	15.8	12.2	*
WKL4 50.5 E	3	4	7	145				37.5	34.7	32.7	30.2	24	20.5	16.4	*
WKL4 50.5 D	3	4	7	150				40.5	38	36.1	33.8	27.8	24.2	20.1	*
WKL4 50.5 C	3	4	7	155				42.8	40.5	38.9	36.5	30.7	27.4	23.9	21
WKL4 50.5 B	4	5.5	9	160				45.5	43.5	41.9	39.8	34.4	31.4	27.9	25
WKL4 50.5 A	4	5.5	9	165				48.5	46.5	45	43	38.1	35.1	31.6	28.5
WKL4 50.6 F	3	4	7	140				42	38	35.3	32	23.6	19	14	*
WKL4 50.6 E	3	4	7	145				45.4	41.6	39.2	36.1	28.5	24	19.5	*
WKL4 50.6 D	3	4	7	150				48.6	45.6	43.4	40.2	32.8	28.7	24	*
WKL4 50.6 C	4	5.5	9	155				51.3	48.6	46.6	43.8	36.6	32.5	28.3	24.5
WKL4 50.6 B	4	5.5	9	160				54.6	52.2	50	47.4	40.8	36.9	33	29
WKL4 50.6 A	5.5	7.5	12	165				58.2	55.8	54	51.6	45.9	42.3	37.8	33.9
WKL4 50.7 F	3	4	7	140				48	44	41.2	37.4	26.8	21	15	*
WKL4 50.7 E	3	4	7	145				52.5	48.5	45.8	42.4	33	27.4	21.5	*
WKL4 50.7 D	4	5.5	9	150				56.7	53.1	50.3	47	38.1	33	27.4	*
WKL4 50.7 C	5.5	7.5	12	155				60	56.7	54	51	42.7	37.8	32.9	28
WKL4 50.7 B	5.5	7.5	12	160	63.7	60.9	58.4	55.3	47.6	43	38.5	34.3			
WKL4 50.7 A	5.5	7.5	12	165	67.9	65.1	63	60.2	53.55	49.35	44.1	39.55			
WKL4 50.8 F	3	4	7	140	56	50	46.4	41.8	30.6	24	17	*			
WKL4 50.8 E	4	5.5	9	145	60	54.6	51.5	47.2	36.5	30	23	*			
WKL4 50.8 D	4	5.5	9	150	64.8	60.8	57.5	53.2	43.4	36.9	30	*			
WKL4 50.8 C	5.5	7.5	12	155	68.4	64.8	61.9	58.4	48.8	43.4	37.6	32.5			
WKL4 50.8 B	5.5	7.5	12	160	72.8	69.6	66.8	63.2	54.4	49.2	44	39.2			
WKL4 50.8 A	7.5	10	16	165	77.6	74.4	72	68.8	61.2	56.4	50.4	45.2			
WKL4 50.9 F	4	5.5	9	140	60	56	51.9	47	35.1	28.35	21.6	*			
WKL4 50.9 E	4	5.5	9	145	67.5	62.55	58.5	54	42.75	36	29.25	*			
WKL4 50.9 D	5.5	7.5	12	150	72.5	68.4	64.6	60	48.8	42.8	35.6	*			
WKL4 50.9 C	5.5	7.5	12	155	76.8	72.9	69.8	65.5	54.9	48.6	42.3	36			
WKL4 50.9 B	7.5	10	16	160	81.9	78.3	75.2	71	61.2	55.3	49.5	44			
WKL4 50.9 A	7.5	10	16	165	87.3	83.7	81	77.4	68.85	63.45	56.7	50.85			

H	m	2.5	4.6	9	13.7	18	23	32	43	52	61	73	88
	ft	8	15	30	45	60	75	105	140	170	200	240	290

Q	m ³ /h	5	10	13	15	20	23	25	27
	g.p.m	19	38	49	57	76	87	95	102

n≈ 1450 rpm

پمپ WKLV4 , WKL 4 50

تیپ پمپ	توان P		آمپر A	قطر پروانه D (mm)	قطر فلنج mm		Q آبدی								
	KW	HP					m3/h	5	10	12.5	15	20	22.5	25	27
							l/s	1.39	2.78	3.47	4.17	5.56	6.25	6.95	7.5
WKLV4 50.10 F	4	5.5	9	140	65	50	H (m)	67	62	57.7	52	39	31.5	24	*
WKLV4 50.10 E	5.5	7.5	12	145				75	69.5	65	60	47.5	40	32.5	*
WKLV4 50.10 D	5.5	7.5	12	150				81	76	72	66.5	54	47	39	*
WKLV4 50.10 C	7.5	10	16	155				85.5	81	77.5	73	61	54	47	40
WKLV4 50.10 B	7.5	10	16	160				91	87	83.8	79	68	61.5	55	49
WKLV4 50.10 A	11	15	22	165				97	93	90	86	76	70	63	57
WKLV4 50.11 F	5.5	7.5	12	140				73.7	68.2	63.5	57.2	42.9	34.65	26.4	*
WKLV4 50.11 E	5.5	7.5	12	145				82.5	76.45	72	66	52.1	43.8	35	*
WKLV4 50.11 D	5.5	7.5	12	150				89.1	83.6	79.2	73.15	59.4	51.7	42.9	*
WKLV4 50.11 C	7.5	10	16	155				94.1	89.1	85.2	80.3	67.1	60	52	43
WKLV4 50.11 B	7.5	10	16	160				100	95.7	92	86.9	74.8	68.1	60.6	53.9
WKLV4 50.11 A	11	15	22	165				106.7	102.3	99	94.8	84.15	77.55	69.3	62.15
WKLV4 50.12 F	5.5	7.5	12	140				80.4	74.4	69	62.4	46.8	37.8	28.8	*
WKLV4 50.12 E	5.5	7.5	12	145				90	83.4	78.2	72	57	48	39	*
WKLV4 50.12 D	7.5	10	16	150				97.2	91.2	86.4	79.8	64.8	56.4	46.8	*
WKLV4 50.12 C	7.5	10	16	155				103	97.2	92.8	87.6	73.2	64.8	56.4	48
WKLV4 50.12 B	11	15	22	160				109	104.4	100.1	94.8	81.6	73.8	66	58.8
WKLV4 50.12 A	11	15	22	165				116.4	111.6	108	103.2	91.5	84.4	75.6	68
WKLV4 50.13 F	7.5	10	16	140				87.1	80.5	74.6	67.6	50.7	40.95	31.2	*
WKLV4 50.13 E	7.5	10	16	145				97.5	90.35	84.7	78	61.75	52	42.25	*
WKLV4 50.13 D	7.5	10	16	150				105.3	98.8	93.6	86.45	70.2	61.1	50.7	*
WKLV4 50.13 C	11	15	22	155				111	105.3	100.6	94.8	79.3	70.1	61	52
WKLV4 50.13 B	11	15	22	160				118.3	113	108.2	102.7	88.5	80	71.5	63.7
WKLV4 50.13 A	11	15	22	165				126.1	120.9	117	111.8	99.2	91.4	82	74
WKLV4 50.14 F	7.5	10	16	140				93.8	86.6	80.2	72.8	54.6	44.1	33.6	*
WKLV4 50.14 E	7.5	10	16	145				105	97.3	91.2	84	66.5	56	45.5	*
WKLV4 50.14 D	7.5	10	16	150				113.4	106.4	100.8	93.1	75.6	65.8	54.6	*
WKLV4 50.14 C	11	15	22	155				119.7	113.4	108.5	102.2	85.4	75.6	65.8	56
WKLV4 50.14 B	11	15	22	160				127.4	121.8	117	110.6	95.2	86.1	77	68.6
WKLV4 50.14 A	11	15	22	165				135.8	130.2	126	120.4	106.5	98.2	88.1	80
WKLV4 50.15 F	7.5	10	16	140				100.5	93	86	78	58.5	47.25	36	*
WKLV4 50.15 E	7.5	10	16	145				112.5	104.3	98	90	71.25	60	48.75	*
WKLV4 50.15 D	7.5	10	16	150				121.5	114	108	99.75	81	70.5	58.5	*
WKLV4 50.15 C	11	15	22	155				128.2	121.5	116	109.5	91.5	81.2	70.5	60
WKLV4 50.15 B	11	15	22	160				136.5	130	125	118.5	102	92.2	82.5	73.5
WKLV4 50.15 A	15	20	30	165				145.5	139	135	129	114.5	105	94.2	84.8

H	m	23	27	34	43	52	64	76	91	107	122	137	152
	ft	75	90	110	140	170	210	250	300	350	400	450	500

Q	m3 /h	5	10	13	15	20	23	25	27
	g.p.m	19	38	49	57	76	87	95	102

n≈ 1450 rpm

پمپ WKLV4 , WKL 4 65

تیپ پمپ	توان P		آمپر A	قطر پروانه D (mm)	قطر فلنج mm		Q								
	آبدی														
	KW	HP					l/s	4.17	4.86	5.56	6.95	8.34	9.72	11.1	12.5
WKLV4 65.1 H	0.75	1	2	155	80	65	H (m)	7.5	7.15	6.7	5.75	4.7	3.5	2	*
WKLV4 65.1 G	1.1	1.5	3	160				8.2	7.85	7.45	6.55	5.45	4.2	2.7	*
WKLV4 65.1 F	1.1	1.5	3	165				8.9	8.6	8.2	7.35	6.2	4.9	3.4	*
WKLV4 65.1 E	1.1	1.5	3	170				9.7	9.4	9.05	8.2	7.05	5.7	4.25	*
WKLV4 65.1 D	1.1	1.5	3	175				10.3	10.1	9.75	8.95	7.85	6.6	5.25	*
WKLV4 65.1 C	1.5	2	4	180				11	10.8	10.5	9.8	8.8	7.65	6.5	*
WKLV4 65.1 B	1.5	2	4	185				11.85	11.65	11.4	10.75	9.85	8.8	7.6	6.25
WKLV4 65.1 A	2.2	3	5	192				12.75	12.6	12.35	11.75	11	10	9	7.75
WKLV4 65.2 H	1.5	2	4	155				15	14.3	13.4	11.5	9.4	7	4	*
WKLV4 65.2 G	1.5	2	4	160				16.4	15.7	14.9	13.1	10.9	8.4	5.4	*
WKLV4 65.2 F	2.2	3	5	165				17.8	17.2	16.4	14.7	12.4	9.8	6.8	*
WKLV4 65.2 E	2.2	3	5	170				19.4	18.8	18.1	16.4	14.1	11.4	8.5	*
WKLV4 65.2 D	2.2	3	5	175				20.8	20.2	19.5	17.9	15.7	13.2	10.5	*
WKLV4 65.2 C	3	4	7	180				22.1	21.7	21.1	19.7	17.7	15.5	13	*
WKLV4 65.2 B	3	4	7	185				23.7	23.3	22.8	21.5	19.7	17.6	15.2	12.5
WKLV4 65.2 A	4	5.5	9	192				25.5	25.2	24.7	23.5	22	20	18	15.5
WKLV4 65.3 H	2.2	3	5	155				22.5	21.4	20.1	17.2	14.1	10.5	6	*
WKLV4 65.3 G	2.2	3	5	160				24.6	23.5	22.3	19.6	16.3	12.6	8.1	*
WKLV4 65.3 F	3	4	7	165				26.7	25.8	24.6	22	18.6	14.7	10.2	*
WKLV4 65.3 E	3	4	7	170				29.1	28.2	27.1	24.6	21.1	17.1	12.7	*
WKLV4 65.3 D	4	5.5	9	175				31.2	30.3	29.2	26.8	23.5	19.8	15.7	*
WKLV4 65.3 C	4	5.5	9	180				33.2	32.5	31.6	29.5	26.5	23.2	19.5	*
WKLV4 65.3 B	5.5	7.5	12	185				35.6	35	34.2	32.2	29.6	26.4	22.8	18.75
WKLV4 65.3 A	5.5	7.5	12	192				38.3	37.8	37	35.2	33	30	27	23.25
WKLV4 65.4 H	3	4	7	155				30	28.6	26.8	23	18.8	14	8	*
WKLV4 65.4 G	3	4	7	160				32.8	31.4	29.8	26.2	21.8	16.8	10.8	*
WKLV4 65.4 F	4	5.5	9	165				35.6	34.4	32.8	29.4	24.8	19.6	13.6	*
WKLV4 65.4 E	4	5.5	9	170				38.8	37.6	36.2	32.8	28.2	22.8	17	*
WKLV4 65.4 D	5.5	7.5	12	175				41.6	40.4	39	35.8	31.4	26.4	21	*
WKLV4 65.4 C	5.5	7.5	12	180				44.3	43.4	42.2	39.4	35.4	31	26	*
WKLV4 65.4 B	7.5	10	16	185				47.4	46.6	45.6	43	39.4	35.2	30.4	25
WKLV4 65.4 A	7.5	10	16	192				51	50.4	49.4	47	44	40.2	36	31
WKLV4 65.5 H	4	5.5	9	155				37.5	35.7	33.5	28.7	23.5	17.5	10	*
WKLV4 65.5 G	4	5.5	9	160				41	39.2	37.2	32.7	27.2	21	13.5	*
WKLV4 65.5 F	5.5	7.5	12	165				44.5	43	41	36.7	31	24.5	17	*
WKLV4 65.5 E	5.5	7.5	12	170				48.5	47	45.2	41	35.2	28.5	21.2	*
WKLV4 65.5 D	5.5	7.5	12	175				52	50.5	48.7	44.7	39.2	33	26.2	*
WKLV4 65.5 C	7.5	10	16	180				55.4	54.2	52.7	49.2	44.2	38.7	32.5	*
WKLV4 65.5 B	7.5	10	16	185				59.2	58.2	57	53.7	49.2	44	38	31.25
WKLV4 65.5 A	11	15	22	192				63.8	63	61.7	58.7	55	50.2	45	38.75
WKLV4 65.6 H	4	5.5	9	155				45	42.9	40.2	34.5	28.2	21	12	*
WKLV4 65.6 G	5.5	7.5	12	160				49.2	47.1	44.7	39.3	32.7	25.2	16.2	*
WKLV4 65.6 F	5.5	7.5	12	165				53.4	51.6	49.2	44.1	37.2	29.4	20.4	*
WKLV4 65.6 E	7.5	10	16	170				58.2	56.4	54.3	49.2	42.3	34.2	25.5	*
WKLV4 65.6 D	7.5	10	16	175				62.4	60.6	58.5	53.7	47.1	39.6	31.5	*
WKLV4 65.6 C	7.5	10	16	180				66.4	65.1	63.3	59.1	53.1	46.5	39	*
WKLV4 65.6 B	11	15	22	185				71.1	69.9	68.4	64.5	59.1	52.8	45.6	37.5
WKLV4 65.6 A	11	15	22	192				76.5	75.6	74.1	70.5	66	60.3	54	46.5

H	m	2	4.6	9	15	21	27	34	40	49	58	67	76
	ft	7	15	30	50	70	90	110	130	160	190	220	250

Q	m ³ / h	15	17.5	20	25	30	35	40	45
	g.p.m	57	66	76	95	114	132	151	170

n≈ 1450 rpm

پمپ WKLV4 , WKL 4 65

تیپ پمپ	توان P		آمپر A	قطر پروانه D (mm)	قطر فلنج mm		Q آبدهی								
	KW	HP			مکش	رانش	m3/h	15	17.5	20	25	30	35	40	45
							l/s	4.17	4.86	5.56	6.95	8.34	9.72	11.1	12.5
WKL4 65.7 H	5.5	7.5	12	155	80	65	H (m)	52.5	50.05	46.9	40.25	32.9	24.5	14	*
WKL4 65.7 G	5.5	7.5	12	160				57.4	54.95	52.15	45.85	38.15	29.4	18.9	*
WKL4 65.7 F	7.5	10	16	165				62.3	60.2	57.4	51.45	43.4	34.3	23.8	*
WKL4 65.7 E	7.5	10	16	170				67.9	65.8	63.35	57.4	49.35	39.9	29.75	*
WKL4 65.7 D	7.5	10	16	175				72.8	70.7	68.25	62.65	54.95	46.2	36.75	*
WKL4 65.7 C	11	15	22	180				77.35	75.95	73.85	68.95	61.95	54.25	45.5	*
WKL4 65.7 B	11	15	22	185				82.95	81.55	79.8	75.25	68.95	61.6	53.2	43.75
WKL4 65.7 A	15	20	29	192				89.25	88.2	86.45	82.25	77	70.35	63	54.25
WKL4 65.8 H	7.5	10	16	155				60	57.2	53.6	46	37.6	28	16	*
WKL4 65.8 G	7.5	10	16	160				65.6	62.8	59.6	52.4	43.6	33.6	21.6	*
WKL4 65.8 F	7.5	10	16	165				71.2	68.8	65.6	58.8	49.6	39.2	27.2	*
WKL4 65.8 E	11	15	22	170				77.6	75.2	72.4	65.6	56.4	45.6	34	*
WKL4 65.8 D	11	15	22	175				83.2	80.8	78	71.6	62.8	52.8	42	*
WKL4 65.8 C	11	15	22	180				88.5	86.8	84.4	78.8	70.8	62	52	*
WKL4 65.8 B	15	20	30	185				94.8	93.2	91.2	86	78.8	70.4	60.8	50
WKL4 65.8 A	15	20	30	192				102	100.8	98.8	94	88	80.4	72	62
WKL4 65.9 H	7.5	10	16	155				67.5	64.35	60.3	51.75	42.3	31.5	18	*
WKL4 65.9 G	7.5	10	16	160				73.8	70.65	67.05	58.95	49.05	37.8	24.3	*
WKL4 65.9 F	7.5	10	16	165				80.1	77.4	73.8	66.15	55.8	44.1	30.6	*
WKL4 65.9 E	11	15	22	170				87.3	84.6	81.45	73.8	63.45	51.3	38.25	*
WKL4 65.9 D	11	15	22	175				93.6	90.9	87.75	80.55	70.65	59.4	47.25	*
WKL4 65.9 C	11	15	22	180				99.6	97.65	94.95	88.65	79.65	69.75	58.5	*
WKL4 65.9 B	15	20	30	185				106.7	104.9	102.6	96.75	88.65	79.2	68.4	56.25
WKL4 65.9 A	18.5	25	38	192				114.8	113.4	111.2	105.8	99	90.45	81	69.75
WKL4 65.10 H	7.5	10	16	155				75	71.5	67	57.5	47	35	20	*
WKL4 65.10 G	7.5	10	16	160				82	78.5	74.5	65.5	54.5	42	27	*
WKL4 65.10 F	11	15	22	165				89	86	82	73.5	62	49	34	*
WKL4 65.10 E	11	15	22	170				97	94	90.5	82	70.5	57	42.5	*
WKL4 65.10 D	11	15	22	175				104	101	97.5	89.5	78.5	66	52.5	*
WKL4 65.10 C	15	20	30	180				110.7	108.5	105.5	98.5	88.5	77.5	65	*
WKL4 65.10 B	15	20	30	185				118.5	116.5	114	107.5	98.5	88	76	62.5
WKL4 65.10 A	18.5	25	38	192				127.5	126	123.5	117.5	110	100.5	90	77.5
WKL4 65.11 H	7.5	10	16	155				82.5	78.65	73.7	63.25	51.7	38.5	22	*
WKL4 65.11 G	11	15	22	160				90.2	86.35	81.95	72.05	59.95	46.2	29.7	*
WKL4 65.11 F	11	15	22	165				97.9	94.6	90.2	80.85	68.2	53.9	37.4	*
WKL4 65.11 E	11	15	22	170				106.7	103.4	99.55	90.2	77.55	62.7	46.75	*
WKL4 65.11 D	15	20	30	175				114.4	111.1	107.3	98.45	86.35	72.6	57.75	*
WKL4 65.11 C	15	20	30	180				122	119.4	116.1	108.4	97.35	85.25	71.5	*
WKL4 65.11 B	15	20	30	185				130.4	128.2	125.4	118.3	108.4	96.8	83.6	68.75
WKL4 65.11 A	18.5	25	38	192				140.3	138.6	135.9	129.3	121	110.6	99	85.25
WKL4 65.12 H	11	15	22	155				90	85.8	80.4	69	56.4	42	24	*
WKL4 65.12 G	11	15	22	160				98.4	94.2	89.4	78.6	65.4	50.4	32.4	*
WKL4 65.12 F	11	15	22	165				106.8	103.2	98.4	88.2	74.4	58.8	40.8	*
WKL4 65.12 E	15	20	30	170				116.4	112.8	108.6	98.4	84.6	68.4	51	*
WKL4 65.12 D	15	20	30	175				124.8	121.2	117	107.4	94.2	79.2	63	*
WKL4 65.12 C	15	20	30	180				133	130.2	126.6	118.2	106.2	93	78	*
WKL4 65.12 B	18.5	25	38	185				142.2	139.8	136.8	129	118.2	105.6	91.2	75
WKL4 65.12 A	22	30	43.5	192				153	151.2	148.2	141	132	120.6	108	93

H	m	13.7	23	32	41	53	66	81	96	111	126	142	158
	ft	45	75	105	135	175	215	265	315	365	415	465	520

Q	m ³ / h	15	17.5	20	25	30	35	40	45
	g.p.m	57	66	76	95	114	132	151	170

$n \approx 1450 \text{ rpm}$

پمپ 80 WKLV4 , WKLV4

تیپ پمپ	توان P		آمپر A	قطر پروانه D (mm)	قطر فلنج mm		Q آبدهی								
	KW	HP					m3/h	20	40	50	60	70	80	90	100
							l/s	5.6	11.1	13.9	16.7	19.5	22.2	25	27.8
WKLV4 80.1 C	2.2	3	5	180	100	80	H (m)	11	9.5	8.4	7	4.8	*	*	*
WKLV4 80.1 B	4	5.5	9	205				15.1	13.4	12.2	10.7	9.1	7.2	5	*
WKLV4 80.1 A	5.5	7.5	12	220				18	16.5	15.5	14.2	12.8	11.1	9.2	6.9
WKLV4 80.2 C	5.5	7.5	12	180				22	19	16.8	13.8	9.5	*	*	*
WKLV4 80.2 B	7.5	10	16	205				30	26.7	24.5	21.6	18.2	14.3	10	*
WKLV4 80.2 A	11	15	22	220				36	33	30.9	28.5	25.6	22.4	18.5	14
WKLV4 80.3 C	7.5	10	16	180				33	28.5	25.2	20.7	14.25	*	*	*
WKLV4 80.3 B	11	15	22	205				45	40.05	36.75	32.4	27.5	21.5	15	*
WKLV4 80.3 A	15	20	30	220				54	49.5	46.35	42.75	38.4	33.6	28	21
WKLV4 80.4 C	11	15	22	180				44	38	33.6	27.7	19	*	*	*
WKLV4 80.4 B	15	20	30	205				60	53.4	49	43.2	36.6	28.6	20	*
WKLV4 80.4 A	18.5	25	38	220				72	66	61.8	57	51.2	44.8	37.4	28
WKLV4 80.5 C	11	15	22	180				55	47.4	41.8	34.6	23.75	*	*	*
WKLV4 80.5 B	18.5	25	38	205				75	66.75	61.25	54	45.75	35.75	25	*
WKLV4 80.5 A	22	30	43.5	220				90	82.4	77.25	71.25	64	56.25	47.5	36.25
WKLV4 80.6 C	15	20	30	180				66	57	50.4	41.7	28.5	*	*	*
WKLV4 80.6 B	22	30	43.5	205				90	80.1	73.5	64.8	54.9	42.9	30	*
WKLV4 80.6 A	30	40	58	220				108	99	92.6	85.5	77	67.5	57	43.5
WKLV4 80.7 C	15	20	30	180				77	66.8	58.8	48.65	33.25	*	*	*
WKLV4 80.7 B	22	30	43.5	205				105	93.45	85.75	75.6	64.05	51	36	*
WKLV4 80.7 A	37	50	71	220				126	115.5	108.2	99.75	89.6	78.8	66	50
WKLV4 80.8 C	18.5	25	38	180				88	76	67.2	55.6	38	*	*	*
WKLV4 80.8 B	30	40	58	205				120	106.8	98	86.4	73.2	58	41	*
WKLV4 80.8 A	37	50	71	220				144	132	123.6	114	102.4	89.8	75	57

H	m	4.6	9	18	27	40	52	67	82	98	113	128	146
	ft	15	30	60	90	130	170	220	270	320	370	420	480

Q	m ³ /h	20	40	50	60	70	80	90	100
	g.p.m	76	150	190	227	265	303	340	378

n ≈ 1450 rpm

پمپ 80 WKLV4 , WKLV4

تیپ پمپ	توان P		آمپر A	قطر پروانه D (mm)	قطر فلنج mm		Q آبدهی								
	KW	HP			مکش	رانش	m3/h	20	40	50	60	70	80	90	100
							l/s	5.6	11.1	13.9	16.7	19.5	22.2	25	27.8
WKL V4 80.9 C	22	30	43.5	180	100	80	H (m)	99	85.5	75.6	62.55	42.75	*	*	*
WKL V4 80.9 B	30	40	58	205				135	120.2	110.3	97.2	82.5	65	46	*
WKL V4 80.9 A	45	60	87	220				162	148.5	139.1	129	116	101.3	85.5	65.25
WKL V4 80.10 C	22	30	43.5	180				110	95	84	69.5	47.5	*	*	*
WKL V4 80.10 B	37	50	71	205				150	133.5	122.5	108	91.6	72	51	*
WKL V4 80.10 A	45	60	87	220				180	165	154.5	142.5	128	112	93	71
WKL V4 80.11 C	30	40	58	180				121	104.5	92.4	76.45	52.25	*	*	*
WKL V4 80.11 B	37	50	71	205				165	146.9	134.8	118.8	101	80	56	*
WKL V4 80.11 A	55	75	104	220				198	181.5	170	156.8	140.8	123	102	77
WKL V4 80.12 C	30	40	58	180				132	114	100.8	83.4	57	*	*	*
WKL V4 80.12 B	45	60	87	205				180	160.2	147	129.6	109.8	85.8	60	*
WKL V4 80.12 A	55	75	104	220				216	198	185.4	171	153.6	135	112	85

H	m	41	53	66	78	93	108	126	145	163	181	201	220	Q	m ³ / h	20	40	50	60	70	80	90	100
	ft	135	175	215	255	305	355	415	475	535	595	660	720		g.p.m	76	150	190	227	265	303	340	378

n≈ 1450 rpm

پمپ WKLV4 , WKL 4 100

تیپ پمپ	توان P		آمپر A	قطر پروانه D (mm)	قطر فلنج mm		Q آبدهی								
	KW	HP					m3/h	40	80	100	120	140	160	180	200
							l/s	11.1	22.2	27.8	33.3	38.9	44.5	50	55.6
WKLV4 100.1 E	7.5	10	16	230	125	100	H (m)	18.5	16.8	15.5	13.6	11.6	9	6	*
WKLV4 100.1 D	11	15	22	240				21	19.1	17.7	15.85	13.8	11.25	8.25	*
WKLV4 100.1 C	11	15	22	250				23.4	21.5	20	18.1	16	13.5	10.5	*
WKLV4 100.1 B	15	20	30	260				25.1	23.2	21.7	19.9	17.9	15.6	12.9	10
WKLV4 100.1 A	15	20	30	265				27	25	23.5	21.8	19.7	17.5	15	12
WKLV4 100.2 E	15	20	30	230				37	33.6	31	27.2	23.2	18	12	*
WKLV4 100.2 D	18.5	25	38	240				41.9	38.2	35.4	31.7	27.6	22.5	16.5	*
WKLV4 100.2 C	18.5	25	38	250				46.8	43	40	36.2	32	27	21	*
WKLV4 100.2 B	22	30	43.5	260				50.2	46.4	43.4	39.8	35.8	31.2	25.8	20
WKLV4 100.2 A	30	40	58	265				53.5	49.8	47	43.6	39.4	35	30	24
WKLV4 100.3 E	22	30	43.5	230				55.5	50.4	46.5	40.8	34.8	27	18	*
WKLV4 100.3 D	22	30	43.5	240				62.85	57.3	53.1	47.55	41.4	33.75	24.75	*
WKLV4 100.3 C	30	40	58	250				70.2	64.5	60	54.3	48	40.5	31.5	*
WKLV4 100.3 B	37	50	71	260				75.3	69.6	65.1	59.7	53.7	46.8	38.7	30
WKLV4 100.3 A	37	50	71	265				81	75	70.5	65.4	59.1	52.5	45	36
WKLV4 100.4 E	30	40	58	230				74	67.2	62	54.4	46.4	36	24	*
WKLV4 100.4 D	37	40	58	240				83.8	76.4	70.8	63.4	55.2	45	33	*
WKLV4 100.4 C	37	50	71	250				93.6	86	80	72.4	64	54	42	*
WKLV4 100.4 B	45	60	87	260				100.4	92.8	86.8	79.6	71.6	62.4	51.6	40
WKLV4 100.4 A	55	75	104	265				108	100	94	87.2	78.8	69.5	59.5	48
WKLV4 100.5 E	37	50	71	230				92	84	77.5	68	58	45	30	*
WKLV4 100.5 D	45	50	71	240				104	95.5	88.5	79.25	69	56.25	41.25	*
WKLV4 100.5 C	45	60	87	250				116	107.5	100	90.5	80	67.5	52.5	*
WKLV4 100.5 B	55	75	104	260				125	116.4	108.6	99.5	89.5	78	64.5	50
WKLV4 100.5 A	75	100	142	265				134	125	117.5	109	98.5	87.5	75	60
WKLV4 100.6 E	45	60	87	230				111	100.8	93	81.6	69.6	54	36	*
WKLV4 100.6 D	45	60	87	240				124	114.6	106.2	95.1	82.8	67.5	49.5	*
WKLV4 100.6 C	55	75	104	250				138	128.2	120	108.6	96	81	63	*
WKLV4 100.6 B	55	75	104	260				149	139	130.2	119.4	107.4	93.6	77.4	60
WKLV4 100.6 A	75	100	142	265				160	150	141	130.8	118.2	105	90	72

H	m	6	15	24	36.5	49	64	79	95	110	125	140	160	Q	m ³ /h	40	80	100	120	140	160	180	200
	ft	20	50	80	120	160	210	260	310	360	410	460	525		g.p.m	150	300	380	454	530	605	680	757

$n \approx 1450 \text{ rpm}$

پمپ WKLV4 , WKL 4 100

تیپ پمپ	توان P		آمپر A	قطر پروانه D (mm)	قطر فلنج mm		Q آبدهی								
	KW	HP			مکش	رانش	m3/h	40	80	100	120	140	160	180	200
							l/s	11.1	22.2	27.8	33.3	38.9	44.5	50	55.6
WKLv4 100.7 E	55	75	104	230	125	100	H (m)	129	117.6	108.5	95.2	81.2	63	42	*
WKLv4 100.7 D	75	100	142	240				146	133.7	123.9	111	96.6	78.75	57.75	*
WKLv4 100.7 C	75	100	142	250				164	150.5	140	126.7	112	94.5	73.5	*
WKLv4 100.7 B	75	100	142	260				175	162.4	151.9	139.3	125.3	109.2	90.3	70
WKLv4 100.7 A	90	125	168	265				188	175	164.5	152.6	137.9	122.5	105	84
WKLv4 100.8 E	55	75	104	230				148	134.4	124	108.8	92.8	72	48	*
WKLv4 100.8 D	75	100	142	240				167	152.8	141.6	126.8	110.4	90	66	*
WKLv4 100.8 C	75	100	142	250				186	171	160	144.8	128	108	84	*
WKLv4 100.8 B	90	125	168	260				200	185	173.6	159.2	143.2	124.8	103.2	80
WKLv4 100.8 A	110	150	205	265				215	200	188.5	174.4	157.6	140	119	96
WKLv4 100.9 E	60	80	124	230				166	151.2	139.5	122.4	104.4	81	54	*
WKLv4 100.9 D	60	80	124	240				188	171.9	159.3	142.7	124.2	101.3	74.25	*
WKLv4 100.9 C	90	125	168	250				210	193.5	180	162.9	144	121.5	94.5	*
WKLv4 100.9 B	110	150	205	260				225	208.8	195.3	179.1	161.1	140.4	116.1	90
WKLv4 100.9 A	110	150	205	265				242	225	211.5	196.2	177.3	157.5	135	108
WKLv4 100.10 E	75	100	142	230				185	168	155	136	116	90	60	*
WKLv4 100.10 D	90	125	168	240				208	191	177	158.5	138	112.5	82.5	*
WKLv4 100.10 C	90	125	168	250				233	215	200	181	160	135	105	*
WKLv4 100.10 B	132	180	245	260				250	232	217	199	179	156	129	100
WKLv4 100.10 A	132	180	245	265				268	250	236	218	197	175	150	120

H	m	40	58	76	98	119	140	162	183	206	229	252	275
	ft	130	190	250	320	390	460	530	600	675	750	825	900

Q	m ³ /h	40	80	100	120	140	160	180	200
	g.p.m	150	300	380	454	530	605	680	757

n ≈ 1450 rpm

پمپ 125 WKL 4

تیپ پمپ	توان P		آمپر A	قطر پروانه D (mm)	قطر فلنج mm		Q								
							آبدی								
	KW	HP					m ³ /h	100	150	175	200	225	250	275	300
					مکش	رانش	l/s	27.8	41.7	48.6	55.6	62.5	69.5	76.4	83.4
WKL4 125.1 E	22	30	43.5	285	150	125	H (m)	28.5	25.9	24.1	22	19.5	17	*	*
WKL4 125.1 D	30	40	58	295				31	28.3	26.7	24.7	22.4	19.5	*	*
WKL4 125.1 C	30	40	58	300				33.1	30.7	29.1	27.1	24.8	22.2	19.5	*
WKL4 125.1 B	30	40	58	310				35.7	33	31.4	29.5	27.3	25	22.5	19.5
WKL4 125.1 A	37	50	71	320				38.4	35.6	33.8	32	29.75	27.5	25	22.5
WKL4 125.2 E	45	60	87	285				57	51.9	48.3	44.1	39.3	34	*	*
WKL4 125.2 D	55	75	104	295				61.5	56.8	53.4	49.2	44.8	39	*	*
WKL4 125.2 C	55	75	104	300				66	61.3	58.1	54.1	49.6	44.4	38	*
WKL4 125.2 B	55	75	104	310				71	66	62.8	59	54.6	50	45	39
WKL4 125.2 A	75	100	142	320				76	71	67.8	64	59.5	55	50	45
WKL4 125.3 E	75	100	142	285				85.5	77.9	72.3	66	58.5	51	*	*
WKL4 125.3 D	75	100	142	295				92.8	85.4	80	73.8	67.2	58.5	*	*
WKL4 125.3 C	75	100	142	300				99.2	92.3	87.2	81.3	74.4	66.6	57	*
WKL4 125.3 B	90	125	168	310				107	99.2	94.2	88.5	81.9	75	67.5	58.5
WKL4 125.3 A	90	125	168	320				114	106.4	101.4	96	89.25	82.5	75	67.5
WKL4 125.4 E	90	125	168	285				113	103.6	96.6	88	78	68	*	*
WKL4 125.4 D	110	150	205	295				123	113.8	106.8	98.4	89.4	78	*	*
WKL4 125.4 C	110	150	205	300				132	123	116.4	108.4	99.2	88.8	76	*
WKL4 125.4 B	110	150	205	310				142	132	125.6	118	109.2	100	90	78
WKL4 125.4 A	132	180	245	320				152	142	135.6	128	119.2	110.2	100.2	90

H	m	17	23	30	40	49	61	76	92	107	122	137	152
	ft	55	75	100	130	160	200	250	300	350	400	450	500

Q	m ³ / h	100	150	175	200	225	250	275	300
	g.p.m	380	568	662	757	850	945	1040	1135

n ≈ 1450 rpm

پمپ WKL 4 125

تیپ پمپ	توان P		آمپر A	قطر پروانه D (mm)	قطر فلنج mm		Q آبدی								
	KW	HP			مکش	رانش	m3/h	100	150	175	200	225	250	275	300
							l/s	27.8	41.7	48.6	55.6	62.5	69.5	76.4	83.4
WKL4 125.5 E	110	150	205	285	150	125	H (m)	142.5	129	120.5	110	97.5	85	*	*
WKL4 125.5 D	132	180	245	295				155	142	133.5	123	112	97.5	*	*
WKL4 125.5 C	132	180	245	300				165.5	153.8	145.4	135.3	123.8	110.8	95	*
WKL4 125.5 B	160	220	295	310				178.5	166	157	147.5	136.3	124.7	112	97
WKL4 125.5 A	160	220	295	320				192	178	169.1	160	148.8	137.5	125	112
WKL4 125.6 E	132	180	245	285				171	156	144.6	132	117	102	*	*
WKL4 125.6 D	160	220	295	295				185	171	160.4	147.7	134	117	*	*
WKL4 125.6 C	160	220	295	300				198.6	183.9	173.9	162.5	148.7	133.1	114	*
WKL4 125.6 B	160	220	295	310				214	198.6	188.4	177	163.8	150	135	117
WKL4 125.6 A	200	270	360	320				229	213	203	192	178.5	165	150	135
WKL4 125.7 E	132	180	245	285				199	182	168.5	154	136.5	119	*	*
WKL4 125.7 D	160	220	295	295				216	199.6	186.8	172.5	156.6	136	*	*
WKL4 125.7 C	200	270	360	300				231.5	215.4	203.4	189.5	173.6	155.4	133	*
WKL4 125.7 B	200	270	360	310				250	231.8	219.8	206.5	191.1	175	157.5	136.5
WKL4 125.7 A	200	270	360	320				268	249.2	237	224	208.3	192.5	175	157.5

H	m	85	100	116	131	146	162	180	199	216	235	253	275
	ft	280	330	380	430	480	530	590	650	710	770	830	900

Q	m ³ /h	100	150	175	200	225	250	275	300
	g.p.m	380	568	662	757	850	945	1040	1135

n≈ 1450 rpm

پمپ WKL 4 150

تیپ پمپ	توان P		آمپر A	قطر پروانه D (mm)	قطر فلنج mm		Q								
							آبدی								
	KW	HP					m ³ /h	120	200	240	280	300	360	400	440
					مکش	رانش	l/s	33.3	55.6	66.7	77.8	83.4	100	111.1	122
WKL4 150.1 E	30	40	58	300	200	150	H (m)	32.5	29	27.2	25	23.8	19.5	*	*
WKL4 150.1 D	45	60	87	315				36.5	33.3	31.5	29.2	28	23.7	*	*
WKL4 150.1 C	45	60	87	330				41.2	37.7	35.7	33.5	32.2	28.2	25	*
WKL4 150.1 B	55	75	104	345				46	42.3	40.3	38.2	37	33.2	30.7	27.8
WKL4 150.1 A	75	100	142	360				50.5	47.3	45.4	43.4	42.3	38.7	36	33
WKL4 150.2 E	75	100	142	300				64	58	54.4	50	47.6	39	*	*
WKL4 150.2 D	75	100	142	315				73	66.6	63	58.4	56	47.4	*	*
WKL4 150.2 C	90	125	168	330				82.4	75.4	71.4	67	64.4	56.4	50	*
WKL4 150.2 B	110	150	205	345				92	84.6	80.6	76.4	74	66.4	61.4	55.6
WKL4 150.2 A	132	180	245	360				101	94.6	90.8	86.8	84.6	77.4	72	66
WKL4 150.3 E	90	125	168	300				97	87	81.6	75	71.4	58.5	*	*
WKL4 150.3 D	110	150	205	315				109	99.9	94.5	87.6	84	71.1	*	*
WKL4 150.3 C	132	180	245	330				123	113.1	107.1	100.5	96.6	84.6	75	*
WKL4 150.3 B	160	220	295	345				137	126.9	120.9	114.6	111	99.6	92.1	83.4
WKL4 150.3 A	200	270	360	360				151	141.9	136.2	130.2	126.9	116.1	108	99

H	m	18	28	37	49	55	67	80	91	107	122	137	152	Q	m ³ /h	120	200	240	280	300	360	400	440
	ft	60	90	120	160	180	220	260	300	350	400	450	500		g.p.m	455	757	910	1060	1135	1363	1515	1665

n ≈ 1450 rpm

پمپ WKL 4 150

تیپ پمپ	توان P		آمپر A	قطر پروانه D (mm)	قطر فلنج mm		Q آبدهی								
	KW	HP			مکش	رانش	m3/h	120	200	240	280	300	360	400	440
							l/s	33.3	55.6	66.7	77.8	83.4	100	111.1	122
WKL4 150.4 E	132	180	245	300	200	150	H (m)	129	116	108.8	100	95.2	78	*	*
WKL4 150.4 D	132	180	245	315				146	133.2	126	116.8	112	94.8	*	*
WKL4 150.4 C	200	270	360	330				164	150.8	142.8	134	128.8	112.8	100	*
WKL4 150.4 B	200	270	360	345				183	169.2	161.2	152.8	148	132.8	122.8	111.2
WKL4 150.4 A	250	340	450	360				201	189.2	181.6	173.6	169.2	154.8	144	132
WKL4 150.5 E	160	220	295	300				162.5	145	136	124.5	118.5	97.5	*	*
WKL4 150.5 D	200	270	360	315				182.5	166.5	157	145.8	139.8	118	*	*
WKL4 150.5 C	200	270	360	330				206	188.5	178.5	167.5	161	141	125	*
WKL4 150.5 B	250	340	450	345				230	211.5	201.5	191	185	166.5	153.5	139
WKL4 150.5 A	315	427	570	360				252.5	236.5	227	217	211.5	193.5	180	165
WKL4 150.6 E	200	270	360	300				195	174	163.2	150	142.8	117	*	*
WKL4 150.6 D	200	270	360	315				219	199.8	188.8	175.2	168	142.2	*	*
WKL4 150.6 C	250	340	450	330				247.2	226.2	214.2	201	193.2	169.2	150	*
WKL4 150.6 B	315	427	520	345				276	253.8	241.8	229.2	222	199.2	184.2	166.8
WKL4 150.6 A	355	474	628	360				303	283.8	272.4	260.4	253.8	232.2	216	198

H	m	76	91	107	122	145	168	190	213	236	260	282	305	Q	m ³ /h	120	200	240	280	300	360	400	440
	ft	250	300	350	400	475	550	625	700	775	850	925	1000		g.p.m	455	757	910	1060	1135	1363	1515	1665

n≈2900 rpm

پمپ 32 WKL , WKL

تیپ پمپ	توان		آمپر	قطر پروانه	قطر فلنج		Q									
	P				mm	آبدھی										
	KW	HP				A	D (mm)	مکش	رانش	m3/h	4	6	7	8	9	10
								l/s	1.11	1.67	1.95	2.22	2.5	2.78	3	3.34
WKL V 32.1 D	1.1	1.5	2.5	125	40	32	H (m)	22.5	20.3	19	17.5	15.6	13.7	11.7	*	
WKL V 32.1 C	1.5	2	3	130				24.7	22.8	21.5	20	18.3	16.5	14.5	*	
WKL V 32.1 B	1.5	2	3	135				27	25.2	24	22.7	21.2	19.4	17.5	*	
WKL V 32.1 A	2.2	3	5	140				28.8	27.2	26.1	24.9	23.5	21.9	20	18	
WKL V 32.2 D	2.2	3	5	125				45	40.8	38	35	31.3	27.5	23.5	*	
WKL V 32.2 C	3	4	6	130				49.5	45.6	43	40	36.5	33	29	*	
WKL V 32.2 B	3	4	6	135				54	50.8	48.7	46	42.5	39	35	*	
WKL V 32.2 A	4	5.5	8	140				58	55	53.2	50.8	47.5	44	40	36	
WKL V 32.3 D	4	5.5	8	125				66.5	61.5	58	54	50	45	39	*	
WKL V 32.3 C	4	5.5	8	130				73.5	68	64.4	60.5	56	50.5	44.5	*	
WKL V 32.3 B	4	5.5	8	135				80.5	76.2	72.9	69	63.7	58.5	52.5	*	
WKL V 32.3 A	5.5	7.5	11	140				86.5	82.6	79.7	76	71.4	66.5	60.8	54	
WKL V 32.4 D	5.5	7.5	11	125				88	81.6	76.7	70.2	62.5	55	47	*	
WKL V 32.4 C	5.5	7.5	11	130				97	91	86	80	73	66	58	*	
WKL V 32.4 B	5.5	7.5	11	135				107	101	97.2	92	85	78	70	*	
WKL V 32.4 A	7.5	10	15	140				115	110	106	102	95.5	89	81.5	72	
WKL V 32.5 D	5.5	7.5	11	125				113	103	95.6	87.5	78.1	68.7	58.7	*	
WKL V 32.5 C	7.5	10	15	130				124	115	108	100	91.2	82.5	72.5	*	
WKL V 32.5 B	7.5	10	15	135				135	127	121	115	106	97	87.5	*	
WKL V 32.5 A	11	15	1.5	140				145	138	133	127	119	111	102	90	
WKL V 32.6 D	7.5	10	15	125				135	122	114	105	93.5	82	70.5	*	
WKL V 32.6 C	7.5	10	15	130				149	137	129	120	110	99	88	*	
WKL V 32.6 B	11	15	22.5	135				163	152	145	137	127	116	104	*	
WKL V 32.6 A	11	15	22.5	140				174	165	160	152	143	134	122	109	
WKL V 32.7 D	11	15	22.5	125				158	143	134	123	110	96.2	82.2	*	
WKL V 32.7 C	11	15	22.5	130				173	160	151	140	128	116	102	*	
WKL V 32.7 B	11	15	22.5	135				189	179	171	161	149	137	123	*	
WKL V 32.7 A	11	15	22.5	140				203	193	186	178	167	155	143	127	
WKL V 32.8 D	11	15	22.5	125				180	164	153	140	125	110	94	*	
WKL V 32.8 C	11	15	22.5	130				198	183	172	160	146	132	116	*	
WKL V 32.8 B	11	15	22.5	135				216	203	195	184	170	156	140	*	
WKL V 32.8 A	15	20	30	140				232	221	213	203	191	178	164	146	

H	m	10.6	21	37	52	70	91	113	137	162	186	210	235
	ft	35	70	120	170	230	300	370	450	530	610	690	770

Q	m3 /h	4	6	7	8	9	10	11	12
	g.p.m	15	23	26.5	30	34	38	42	45

n≈ 2900 rpm

پمپ 32 WKL , WKL

تیپ پمپ	توان P		آمپر A	قطر پروانه D (mm)	قطر فلنج mm		آبدھی Q								
	KW	HP			مکش	رانش	m3/h	4	6	7	8	9	10	11	12
							l/s	1.11	1.67	1.95	2.22	2.5	2.78	3	3.34
WKL _V 32.9 D	11	15	22.5	125	40	32	H (m)	202	185	172	158	141	124	106	*
WKL _V 32.9 C	11	15	22.5	130				223	206	194	180	164	149	131	*
WKL _V 32.9 B	15	20	30	135				243	229	219	207	191	176	158	*
WKL _V 32.9 A	15	20	30	140				261	249	240	228	215	200	184	163
WKL _V 32.10 D	11	15	22.5	125			H (m)	225	205	191	175	156	138	118	*
WKL _V 32.10 C	15	20	30	130				248	229	216	200	183	165	145	*
WKL _V 32.10 B	15	20	30	135				270	255	243	230	213	195	175	*
WKL _V 32.10 A	18.5	25	36	140				291	277	266	254	239	222	204	181

H	m	104	119	134	150	168	186	204	222	241	260	277	296	Q	m ³ /h	4	6	7	8	9	10	11	12
	ft	340	390	440	490	550	610	670	730	790	850	910	970		g.p.m	15	23	26.5	30	34	38	42	45

n≈ 2900 rpm

پمپ 40 WKL , WKL

تیپ پمپ	توان		آمپر	قطر پروانه	قطر فلنج		Q									
	P				mm		آبدھی									
	KW	HP			A	D (mm)	مکش	رانش	m3/h	8	12	14	16	18	20	22
								l/s	2.22	3.33	3.9	4.45	5	5.56	6.11	6.67
WKL V 40.1 D	3	4	6	155	50	40	H (m)	34.3	31.8	30	27.5	24.2	21	*	*	
WKL V 40.1 C	4	5.5	8	160				36.7	34.6	33	30.7	28	25	21.5	*	
WKL V 40.1 B	4	5.5	8	165				39.2	37.5	36.1	34.2	31.8	29	25.5	*	
WKL V 40.1 A	4	5.5	8	170				41.5	40	38.7	36.9	34.8	32.3	29.5	26	
WKL V 40.2 D	7.5	10	15	155				67	63.5	60	55	48.5	42	*	*	
WKL V 40.2 C	7.5	10	15	160				72.5	69.5	66	61.2	55.4	49.2	43	*	
WKL V 40.2 B	7.5	10	15	165				78	75.5	73	69.1	63.8	58.1	51.2	*	
WKL V 40.2 A	11	15	22.5	170				83.5	81	78.5	75.5	71	65.8	59	52	
WKL V 40.3 D	11	15	22.5	155				101	95.5	90	82.5	72.7	63	*	*	
WKL V 40.3 C	11	15	22.5	160				109	104	99.5	92	83.5	73.5	*	*	
WKL V 40.3 B	11	15	22.5	165				118	113	109	103	96	87	76.5	*	
WKL V 40.3 A	15	20	30	170				126	122	118	113	106	98.5	89	78	
WKL V 40.4 D	15	20	30	155				138	128	120	110	97	84	*	*	
WKL V 40.4 C	15	20	30	160				148	140	132	122	110	98	86	*	
WKL V 40.4 B	15	20	30	165				158	151	145	136	126	115	102	*	
WKL V 40.4 A	18.5	25	36	170				168	163	157	150	141	130	118	104	
WKL V 40.5 D	15	20	30	155				170	161	151	138	122	105	*	*	
WKL V 40.5 C	18.5	25	36	160				183	175	166	154	139	124	108	*	
WKL V 40.5 B	18.5	25	36	165				196	189	181	170	157	142	126	*	
WKL V 40.5 A	22	30	42.5	170				210	204	197	188	176	163	148	131	
WKL V 40.6 D	18.5	25	36	155				204	192	181	165	146	126	*	*	
WKL V 40.6 C	22	30	42.5	160				222	210	198	184	167	148	129	*	
WKL V 40.6 B	22	30	42.5	165				237	228	218	205	190	173	153	*	
WKL V 40.6 A	22	30	42.5	170				252	244	236	225	211	195	177	157	

H	m	21	46	67	88	110	131	152	174	195	216	238	260
	ft	70	150	220	290	360	430	500	570	640	710	780	850

Q	m ³ /h	8	12	14	16	18	20	22	24
	g.p.m	30	45	53	61	68	76	83	91

n≈ 2900 rpm

پمپ 40 WKL , WKL

تیپ پمپ	توان P		آمپر A	قطر پروانه D (mm)	قطر فلنج mm		آبدهی Q								
	KW	HP			مکش	رانش	m3/h	8	12	14	16	18	20	22	24
							l/s	2.22	3.33	3.9	4.45	5	5.56	6.11	6.67
WKLV 40.7 D	22	30	42.5	155	50	40	H (m)	238	224	211	193	171	147	*	*
WKLV 40.7 C	22	30	42.5	160				257	244	232	215	195	174	151	*
WKLV 40.7 B	30	40	57	165				276	266	256	241	223	203	179	*
WKLV 40.7 A	30	40	57	170				294	285	276	263	246	228	207	183
WKLV 40.8 D	30	40	57	155				272	256	240	220	194	168	*	*
WKLV 40.8 C	30	40	57	160				292	279	265	245	222	198	172	*
WKLV 40.8 B	30	40	57	165				314	302	290	272	252	229	204	*
WKLV 40.8 A	30	40	57	170				333	321	310	295	277	257	235	208

H	m	146	162	177	192	207	226	244	262	280	299	317	335	Q	m ³ /h	8	12	14	16	18	20	22	24
	ft	480	530	580	630	680	740	800	860	920	980	1040	1100		g.p.m	30	45	53	61	68	76	83	91

n≈2900 rpm

پمپ 50 WKL , WKL

تیپ پمپ	توان		آمپر	قطر پروانه	قطر فلنج		Q									
	P				mm		آبدھی									
	KW	HP			A	D (mm)	مکش	رانش	m3/h	17	20	25	30	35	40	45
								l/s	4.72	5.56	6.95	8.34	9.72	11.11	12.5	13.6
WKL V 50.1 F	3	4	6	140	65	50	H (m)	26.8	25.6	23.4	21	18.4	15.5	12	*	
WKL V 50.1 E	4	5.5	8	145				29.2	28	25.6	23	20.4	17.4	14	*	
WKL V 50.1 D	4	5.5	8	150				32	31	29	26.8	24.3	21.5	18	*	
WKL V 50.1 C	5.5	7.5	11	155				33.7	32.8	31	28.9	26.7	24.2	21.2	18.5	
WKL V 50.1 B	5.5	7.5	11	160				36	35.2	33.6	31.7	29.6	27.2	24.3	22	
WKL V 50.1 A	7.5	10	15	165				38.5	37.8	36.3	34.6	32.7	30.3	27.5	25	
WKL V 50.2 F	7.5	10	15	140				53.6	51.2	46.6	41.8	36.5	30.8	24	*	
WKL V 50.2 E	7.5	10	15	145				58.5	56	51	46.1	40.5	35	28	*	
WKL V 50.2 D	7.5	10	15	150				64.6	62.5	58.5	54	48.8	43	36	*	
WKL V 50.2 C	11	15	22.5	155				68.5	66.5	62.5	58.3	53.5	48.2	41.6	36	
WKL V 50.2 B	11	15	22.5	160				72.2	70.4	67	62.8	58.5	53.5	47.5	42	
WKL V 50.2 A	15	20	30	165				77	75.5	72.5	69	65	60	55	50	
WKL V 50.3 F	11	15	22.5	140				80.4	76.8	70	63	55	46.2	36	*	
WKL V 50.3 E	11	15	22.5	145				87	83.6	76.5	69	61	52.5	42	*	
WKL V 50.3 D	11	15	22.5	150				96.9	94	87.8	81	73	64.5	54	*	
WKL V 50.3 C	15	20	30	155				102	99	93.5	87.6	81	73.2	64.2	55.5	
WKL V 50.3 B	15	20	30	160				109	106	100	94.5	88.2	81.2	72.6	65	
WKL V 50.3 A	18.5	25	36	165				114	112	108	103	96.5	90	82.5	76	
WKL V 50.4 F	15	20	30	140				107	102	93	84	73	61.8	48	*	
WKL V 50.4 E	15	20	30	145				116	112	102	92	81	70	56	*	
WKL V 50.4 D	15	20	30	150				130	126	117	108	97	85.7	72	*	
WKL V 50.4 C	18.5	25	36	155				136	132	124	116	106	96	84	73	
WKL V 50.4 B	22	30	42.5	160				143	140	133	126	118	108	98	89	
WKL V 50.4 A	30	40	57	165				152	149	144	137	130	122	113	105	
WKL V 50.5 F	18.5	25	36	140				133	128	117	105	92.5	77.5	60	*	
WKL V 50.5 E	18.5	25	36	145				146	141	130	118	105	91	74	*	
WKL V 50.5 D	22	30	42.5	150				166	162	154	145	134	123	108	92.5	
WKL V 50.5 C	30	40	57	155				172	168	160	151	140	130	116	102	
WKL V 50.5 B	30	40	57	160				179	175	167	158	148	138	125	113	
WKL V 50.5 A	30	40	57	165				190	187	181	173	163	152	138	125	
WKL V 50.6 F	18.5	25	36	140				161	154	140	126	110	93	72	*	
WKL V 50.6 E	22	30	42.5	145				175	168	154	138	122	104	84	*	
WKL V 50.6 D	30	40	57	150				192	186	174	161	146	129	108	*	
WKL V 50.6 C	30	40	57	155				202	197	186	173	160	145	127	111	
WKL V 50.6 B	30	40	57	160				216	211	202	190	178	163	146	132	
WKL V 50.6 A	37	50	69	165				231	227	218	208	196	182	165	150	

H	m	12	30	53	72	90	108	130	151	172	194	215	236
	ft	40	100	175	235	295	355	425	495	565	635	705	775

Q	m ³ /h	17	20	25	30	35	40	45	49
	g.p.m	65	76	95	114	133	152	170	186

n≈ 2900 rpm

پمپ 50 WKL , WKL

تیپ پمپ	توان		آمپر	قطر پروانه	قطر فلنج		Q								
	P				mm		آبدهی								
	KW	HP			A	D (mm)	مکش	رانش	l/s	4.72	5.56	6.95	8.34	9.72	11.11
WKLV 50.7 F	22	30	42.5	140	65	50	H (m)	188	179	164	147	129	109	84	*
WKLV 50.7 E	30	40	57	145				205	196	181	163	145	124	101	*
WKLV 50.7 D	30	40	57	150				224	217	203	188	170	151	126	*
WKLV 50.7 C	37	50	69	155				236	230	217	202	187	169	148	130
WKLV 50.7 B	37	50	69	160				252	246	235	222	207	190	170	154
WKLV 50.7 A	37	50	69	165				269	265	254	242	229	212	193	175
WKLV 50.8 F	30	40	57	140				214	205	187	168	147	124	96	*
WKLV 50.8 E	30	40	57	145				233	225	207	187	165	141	113	*
WKLV 50.8 D	30	40	57	150				255	248	232	214	194	172	144	*
WKLV 50.8 C	37	50	69	155				269	262	248	231	214	194	170	148
WKLV 50.8 B	45	60	83	160				287	282	269	254	237	218	194	176
WKLV 50.8 A	45	60	83	165				308	302	290	277	261	242	220	200

H	m	82	104	122	140	158	177	200	222	245	268	291	314
	ft	270	340	400	460	520	580	655	730	805	880	955	1030

Q	m ³ /h	17	20	25	30	35	40	45	49
	g.p.m	65	76	95	114	133	152	170	186

n≈ 2900 rpm

پمپ 65 WKLV , WKL

تیپ پمپ	توان		آمپر	قطر پروانه	قطر فلنج		Q									
	P				mm	آبدھی										
	KW	HP				A	D (mm)	مکش	رانش	m3/h	20	30	40	45	50	60
								l/s	5.56	8.34	11.1	12.5	13.9	16.7	19.5	22.3
WKLV 65.1 H	7.5	10	15	155	80	65	H (m)	33	31	27.5	25.5	23.5	18.5	13	*	
WKLV 65.1 G	7.5	10	15	160				36	34	30.8	28.8	26.8	21.7	16	*	
WKLV 65.1 F	7.5	10	15	165				38.8	36.8	33.8	31.9	29.8	24.5	19	*	
WKLV 65.1 E	7.5	10	15	170				41	39.4	36.8	35	33	27.6	22	*	
WKLV 65.1 D	7.5	10	15	175				44	42.2	39.8	38.3	36.3	31.5	26	*	
WKLV 65.1 C	11	15	22.5	180				46	45	42.6	41.1	39.1	35	30	*	
WKLV 65.1 B	11	15	22.5	185				49	48	46	44.6	43	39.1	34.8	29.5	
WKLV 65.1 A	11	15	22.5	192				53	52	50	48.6	47	43.5	39.3	34.5	
WKLV 65.2 H	11	15	22.5	155				66	62	55.5	51.5	47	37	26	*	
WKLV 65.2 G	15	20	30	160				72	68	61.6	57.8	53.6	43.4	32	*	
WKLV 65.2 F	15	20	30	165				77.6	73.6	68	64.5	60.5	50	39	*	
WKLV 65.2 E	15	20	30	170				82	78.8	73.6	70	66	55.2	44	*	
WKLV 65.2 D	15	20	30	175				86.5	84	79	76	71.5	62	51	*	
WKLV 65.2 C	18.5	25	36	180				92	90	85.2	82.2	78.2	70	60	*	
WKLV 65.2 B	22	30	42.5	185				98	96	92	89.2	86	78.2	69.6	60	
WKLV 65.2 A	22	30	42.5	192				106	104	100	97.2	94	87	78.6	69	
WKLV 65.3 H	18.5	25	36	155				99	93	83.1	77.1	70.5	55.5	39	*	
WKLV 65.3 G	18.5	25	36	160				108	102	92.4	86.7	80.4	65.1	48	*	
WKLV 65.3 F	22	30	42.5	165				116	110	102	96.8	90.8	75	58.5	*	
WKLV 65.3 E	22	30	42.5	170				123	118	110	105	99	82.8	66	*	
WKLV 65.3 D	30	40	57	175				131	126	119	114	107	93	76.5	*	
WKLV 65.3 C	30	40	57	180				139	135	128	123	117	105	90	*	
WKLV 65.3 B	30	40	57	185				148	144	138	134	129	117	104	88.5	
WKLV 65.3 A	37	50	69	192				159	156	150	146	141	131	118	104	

H	m	12	24	37	49	61	76	91	107	122	137	152	168
	ft	40	80	120	160	200	250	300	350	400	450	500	550

Q	m ³ /h	20	30	40	45	50	60	70	80
	g.p.m	76	114	152	170	190	227	265	303

n≈ 2900 rpm

پمپ 65 WKLV , WKL

تیپ پمپ	توان		آمپر	قطر پروانه	قطر فلنج		Q								
	P				mm		آبدھی								
	KW	HP			A	D (mm)	مکش	رانش	m3/h	20	30	40	45	50	60
							l/s	5.56	8.34	11.1	12.5	13.9	16.7	19.5	22.3
WKLV 65.4 H	22	30	42.5	155	80	65	H (m)	129	124	111	103	94	74	52	*
WKLV 65.4 G	30	40	57	160				142	136	123	116	107	86.8	64	*
WKLV 65.4 F	30	40	57	165				154	147	136	129	121	100	78	*
WKLV 65.4 E	30	40	57	170				163	158	147	140	132	110	88	*
WKLV 65.4 D	37	50	69	175				173	168	158	151	143	124	102	*
WKLV 65.4 C	37	50	69	180				184	180	170	164	156	140	120	*
WKLV 65.4 B	45	60	83	185				196	192	184	178	172	156	139	118
WKLV 65.4 A	45	60	83	192				212	208	200	194	188	174	157	138
WKLV 65.5 H	30	40	57	155				163	155	139	129	118	92.5	65	*
WKLV 65.5 G	30	40	57	160				179	170	155	145	134	109	80	*
WKLV 65.5 F	37	50	69	165				192	184	170	161	151	125	97.5	*
WKLV 65.5 E	37	50	69	170				205	197	184	176	165	138	110	*
WKLV 65.5 D	37	50	69	175				216	210	198	190	179	155	128	*
WKLV 65.5 C	45	60	83	180				230	225	213	206	196	175	150	*
WKLV 65.5 B	55	75	104	185				245	240	230	223	215	196	174	148
WKLV 65.5 A	55	75	104	192				265	260	250	243	235	218	197	173
WKLV 65.6 H	37	50	69	155				198	186	166	154	141	111	78	*
WKLV 65.6 G	37	50	69	160				215	204	185	173	161	130	96	*
WKLV 65.6 F	45	60	83	165				230	221	204	193	181	150	114	*
WKLV 65.6 E	45	60	83	170				244	236	221	210	198	166	132	*
WKLV 65.6 D	45	60	83	175				260	252	238	227	215	186	153	*
WKLV 65.6 C	55	75	104	180				276	270	256	247	235	210	180	*
WKLV 65.6 B	60	80	124	185				294	288	276	268	258	235	209	177
WKLV 65.6 A	75	100	140	192				318	312	300	292	282	261	236	207

H	m	52	73	94	119	143	168	192	216	241	265	293	320
	ft	170	240	310	390	470	550	630	710	790	870	960	1050

Q	m ³ /h	20	30	40	45	50	60	70	80
	g.p.m	76	114	152	170	190	227	265	303

n≈2900 rpm

پمپ 65 WKLV , WKL

تیپ پمپ	توان		آمپر	قطر پروانه	قطر فلنج		Q										
	P				mm	آبدهی											
	KW	HP				A	D (mm)	مکش	رانش	m3/h	20	30	40	45	50	60	70
WKLV 65.7 H	37	50	69	155	80	65	H (m)	230	217	194	180	165	130	91	*		
WKLV 65.7 G	45	60	83	160				251	238	216	202	188	152	112	*		
WKLV 65.7 F	45	60	83	165				270	258	238	226	212	175	137	*		
WKLV 65.7 E	55	75	104	170				287	276	258	245	231	193	154	*		
WKLV 65.7 D	55	75	104	175				303	294	277	266	250	217	179	*		
WKLV 65.7 C	60	80	124	180				322	315	298	288	274	245	210	*		
WKLV 65.7 B	75	100	140	185				343	336	322	312	301	274	244	207		
WKLV 65.7 A	75	100	140	192				371	364	350	340	329	305	275	242		
WKLV 65.8 H	45	60	83	155				264	248	222	206	188	148	104	*		
WKLV 65.8 G	45	60	83	160				288	272	246	231	214	174	128	*		
WKLV 65.8 F	55	75	104	165				308	294	272	258	242	200	156	*		
WKLV 65.8 E	60	80	124	170				328	315	294	280	264	221	176	*		
WKLV 65.8 D	60	80	124	175				345	336	316	304	286	248	204	*		
WKLV 65.8 C	75	100	140	180				368	360	341	329	313	280	240	*		
WKLV 65.8 B	90	125	166	185				392	384	368	357	344	313	278	236		
WKLV 65.8 A	90	125	166	192				424	416	400	389	376	348	314	276		

H	m	91	122	152	183	213	244	274	305	335	366	396	427
	ft	300	400	500	600	700	800	900	1000	1100	1200	1300	1400

Q	m ³ /h	20	30	40	45	50	60	70	80
	g.p.m	76	114	152	170	190	227	265	303

n≈ 2900 rpm

پمپ 80 WKL , WKL

تیپ پمپ	توان P		آمپر A	قطر پروانه D (mm)	قطر فلنج mm		Q آبدهی								
	KW	HP			مکش	رانش	m3/h	50	80	95	110	125	140	155	170
							l/s	13.9	22.3	26.4	30.6	34.7	38.9	43	47.3
WKL V 80.1 E	18.5	25	36	205-180	100	80	H (m)	44	39	35.5	30.5	24	*	*	*
WKL V 80.1 D	22	30	42.5	205				57	53	50	46.5	42	37	30.5	*
WKL V 80.1 C	30	40	57	210				62	58.2	55.2	51.8	47.4	42.7	36.8	30.5
WKL V 80.1 B	30	40	57	215				66	62	59	55.5	51.3	46.8	41	35
WKL V 80.1 A	37	50	69	220				69.5	65.3	62.3	59	55	50.5	45.5	40
WKL V 80.2 E	30	40	57	205-180				88	78.5	71	61	48	*	*	*
WKL V 80.2 D	45	60	83	205				113	106	101	93	84	74	61	0
WKL V 80.2 C	55	75	104	210				123	116	111	104	94.8	85.2	73.6	61
WKL V 80.2 B	55	75	104	215				131	124	118	111	103	93.4	82	70
WKL V 80.2 A	75	100	140	220				137	130	125	118	110	101	91	80
WKL V 80.3 E	45	60	83	205-180				130	118	107	91.5	72	*	*	*
WKL V 80.3 D	75	100	140	205				169	159	151	140	126	111	91.5	*
WKL V 80.3 C	75	100	140	210				184	175	166	155	142	128	110	91.5
WKL V 80.3 B	90	125	166	215				196	186	177	167	154	140	123	105
WKL V 80.3 A	110	150	200	220				205	195	187	177	165	152	137	120
WKL V 80.4 E	60	80	124	205-180				175	157	142	122	96	*	*	*
WKL V 80.4 D	90	125	166	205				225	212	201	186	168	148	122	*
WKL V 80.4 c	110	150	200	210				245	233	222	207	190	170	147	122
WKL V 80.4 B	110	150	200	215				261	248	237	222	205	187	164	140
WKL V 80.4 A	132	180	240	220				273	260	249	236	220	202	182	160

H	m	23	46	69	91	114	137	160	183	206	229	251	274
	ft	75	150	225	300	375	450	525	600	675	750	825	900

Q	m ³ /h	50	80	95	110	125	140	155	170
	g.p.m	190	303	360	416	473	530	587	644

n≈ 2900 rpm

پمپ 80 WKL , WKL

تیپ پمپ	توان		آمپر	قطر پروانه	قطر فلنج		آبدھی								
	P				mm		Q								
	KW	HP			A	D (mm)	مکش	رانش	m3/h	50	80	95	110	125	140
							l/s	13.9	22.3	26.4	30.6	34.7	38.9	43	47.3
WKLV 80.5 E	75	100	140	205-180	100	80	H (m)	219	197	178	153	120	*	*	*
WKLV 80.5 D	110	150	200	205				283	265	251	233	210	185	153	*
WKLV 80.5 C	132	180	240	210				308	291	277	259	237	213	184	153
WKLV 80.5 B	160	220	290	215				328	310	296	278	257	234	205	175
WKLV 80.5 A	160	220	290	220				343	325	312	295	275	253	228	200
WKLV 80.6 E	90	125	166	205-180				264	234	213	183	144	*	*	*
WKLV 80.6 D	132	150	200	205				342	318	301	279	252	222	183	*
WKLV 80.6 C	160	220	290	210				372	349	332	311	285	256	221	183
WKLV 80.6 B	160	220	290	215				396	372	354	333	308	281	246	210
WKLV 80.6 A	200	270	360	220				417	392	375	354	330	303	273	240

H	m	119	137	155	180	204	229	259	290	320	354	387	420
	ft	390	450	510	590	670	750	850	950	1050	1160	1270	1380

Q	m ³ /h	50	80	95	110	125	140	155	170
	g.p.m	190	303	360	416	473	530	587	644