



VERTICAL ACID ALKALINE RESISTANT PUMP



WD



WDS



WP



WD PVDF



WPT



VERTICAL PUMP

CHEMICAL PUMP



Model Identification

WD	-	50	-	VK	-	5	-	6	-	V	-	F	-	B
1		2		3		4		5		6		7		8

- Model** : WD , WDS , WPT , WP
- In-Outlet** : 15 - 1/2" , 20 - 3/4" , 25 - 1" , 32 - 1.25"
40 - 1.5" , 50 - 2" , 65 - 2.5" , 80 - 3" , 100 - 4"
- Specific Gravity** : VK - 1.1 , VP - 1.4
- Power** : 1/15 , 1/8 , 1/6 , 1/2 , 1 , 2 , 3 , 4 , 5 , 7.5 , 10 , 15 HP
- Frequency** : 5 - 50Hz , 6 - 60Hz
- Sealing material** : N - NBR , E - EPDM , V - VITON , T - PTFE
- Material** : F - FRPP , C - CFRPP , A - CPVC , P - PVDF , S - SUS
- Notes** : B - FRPP (Motor Spacer is FRPP)

H - High Head

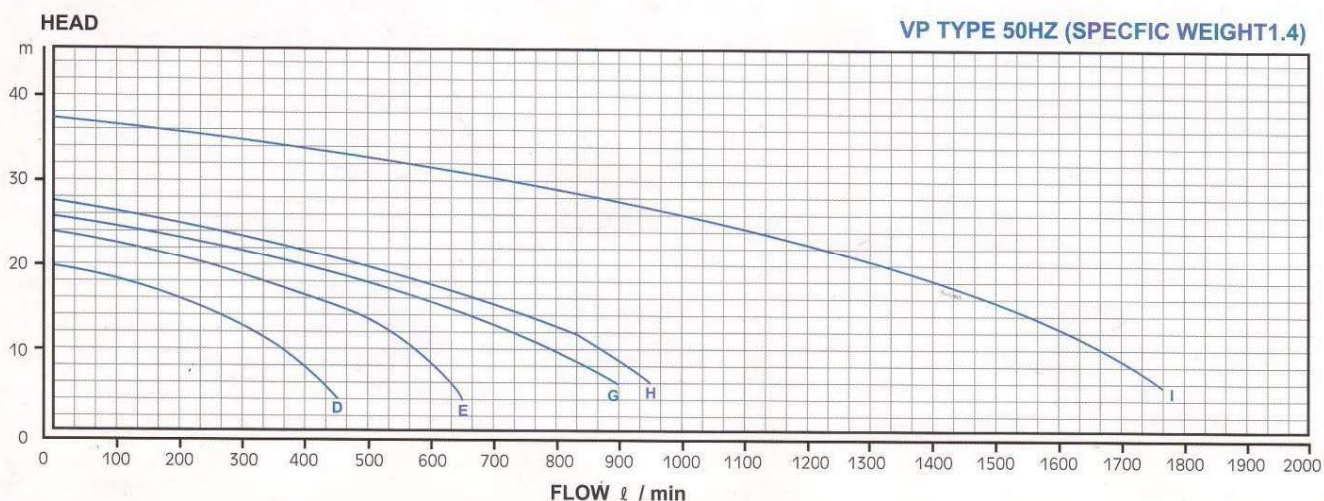
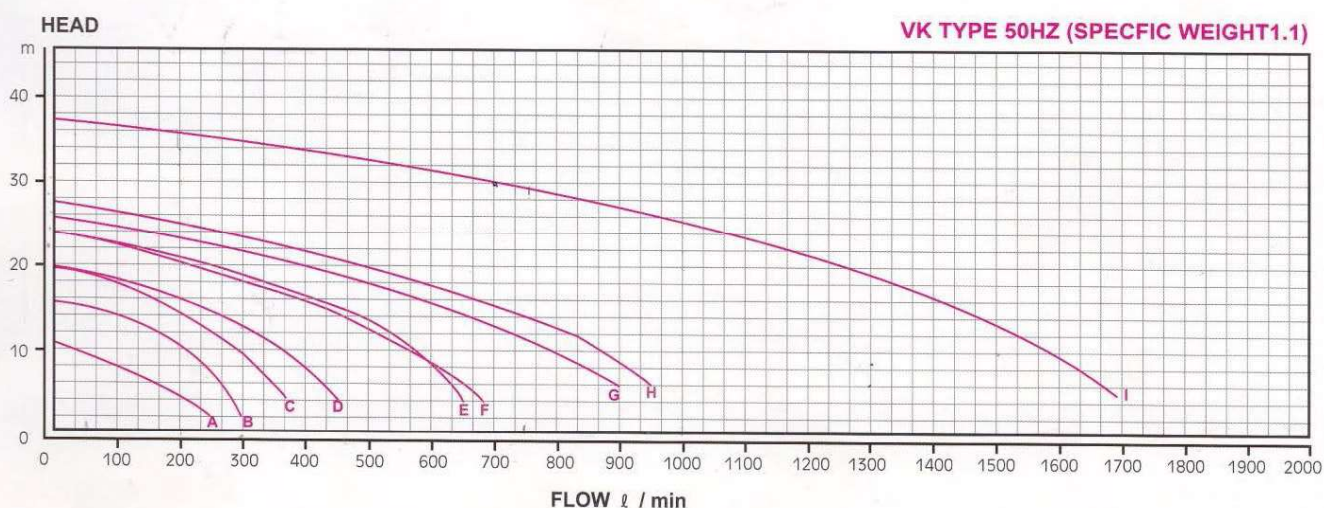
SERIES SPECIFICATIONS

VK / VP TYPE 50Hz

型式 MODEL	曲線 NO	□徑 IN-OUTLET(mm)		馬力 HP	流量 FLOW(L/Min)		揚程 HEAD(M)		重量 Kg
		IN	OUT		VK	VP	VK	VP	
WD-41VK-15	A	50	40	1	175	-	6	-	29
WD-42VK-25	B	50	40	2	190	-	12	-	38
WD-42VK-35	C	50	40	3	270	-	12	-	41
WD-50VK(P)-35	D	65	50	3	330	290	12	12	41
WD-50VK(P)-55	E	65	50	5	470	400	14	14	55
WD-65VK-55	F	80	65	5	500	-	14	-	55
WD-65VK(P)-7.55	G	80	65	7.5	590	500	16	18	95
WD-65VK(P)-105	H	80	65	10	590	570	18	18	106
WD-100VK(P)-155	I	100	100	15	1000	800	27	29	155

PERFORMANCE CURVE CHART - 50Hz

WD series

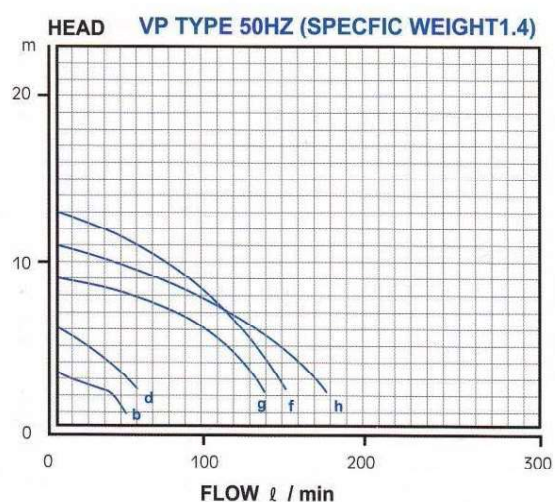
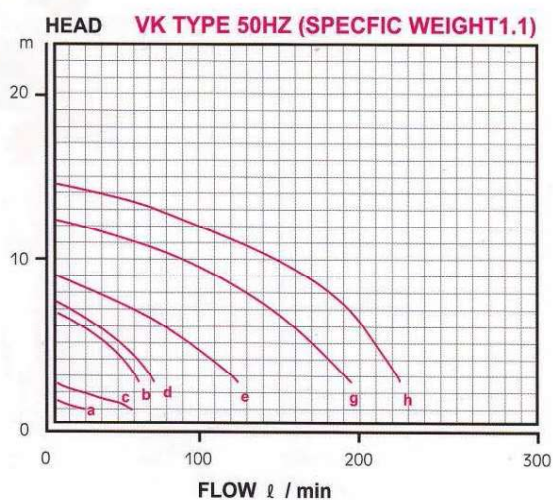


SERIES SPECIFICATIONS

VK / VP TYPE 50Hz

型式 MODEL	曲線 NO	口徑 IN-OUTLET(mm)		馬力 HP	流量 FLOW(L/Min)		揚程 HEAD(M)		重量 Kg
		IN	OUT		VK	VP	VK	VP	
WP-15VK-1/15	a	20	15	1/15	20	-	0.2	-	3
WP-20VK(P)-1/6	b	25	20	1/6	20	18	2	2	4
WP-20VK-1/4	c	25	20	1/4	50	-	4	-	13
WP-20VK(P)-1/3	d	25	20	1/3	60	50	4	4	13
WP-25VK-1/2	e	40	25	1/2	100	-	5	-	20
WP-25VP-15	f	40	25	1	-	160	-	6	20
WP-40VK(P)-15	g	50	40	1	130	140	8	6	20
WP-40VK(P)-25	h	50	40	2	150	160	10	7	24

PERFORMANCE CURVE CHART - 50Hz



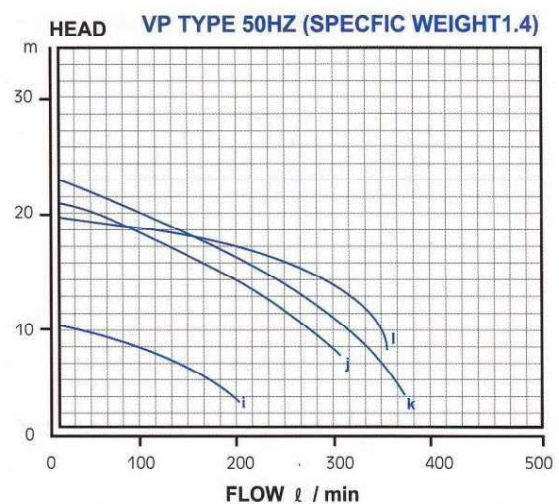
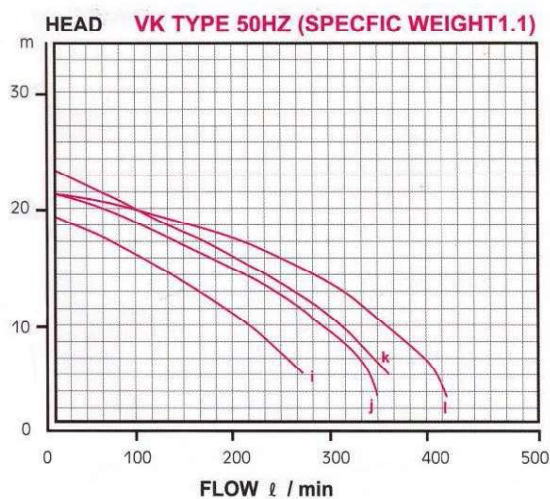
SERIES SPECIFICATIONS

VK / VP TYPE 50Hz

型式 MODEL	曲線 NO	口徑 IN-OUTLET(mm)		馬力 HP	流量 FLOW(L/Min)		揚程 HEAD(M)		重量 Kg
		IN	OUT		VK	VP	VK	VP	
WPT-40VK(P)-25	i	50	40	2	180	130	12	8	38
WPT-40VK(P)-35	j	50	40	3	180	200	16	14	40
WPT-40VK(P)-55	k	50	40	5	200	200	16	16	55
WPT-50VK(P)-55	l	50	40	5	200	240	18	16	55

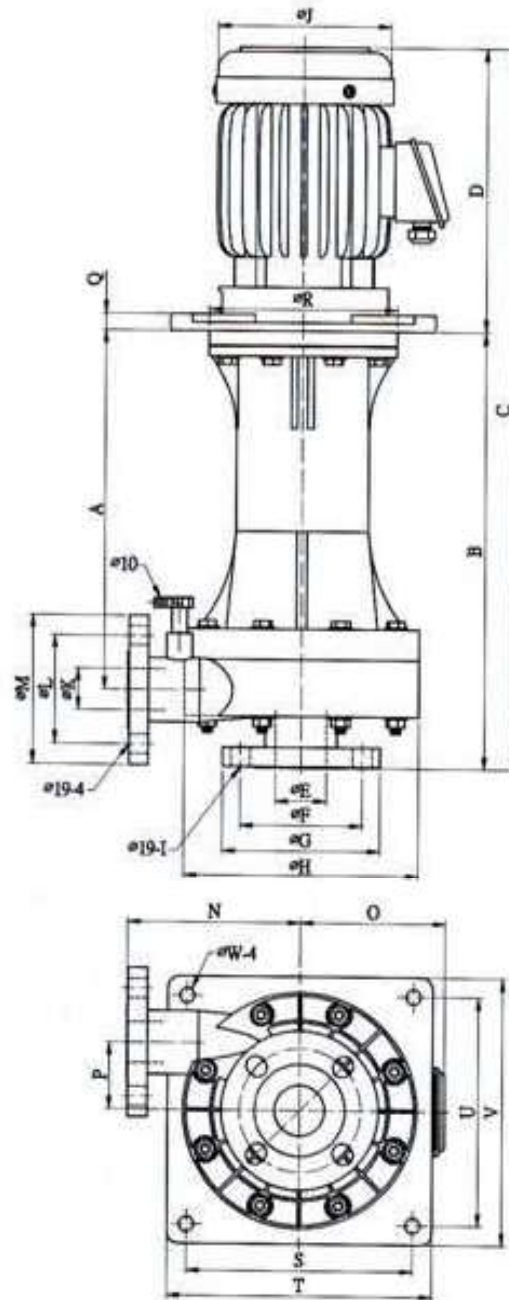
PERFORMANCE CURVE CHART - 50Hz

➤ WPT series



DIMENSION DRAWING

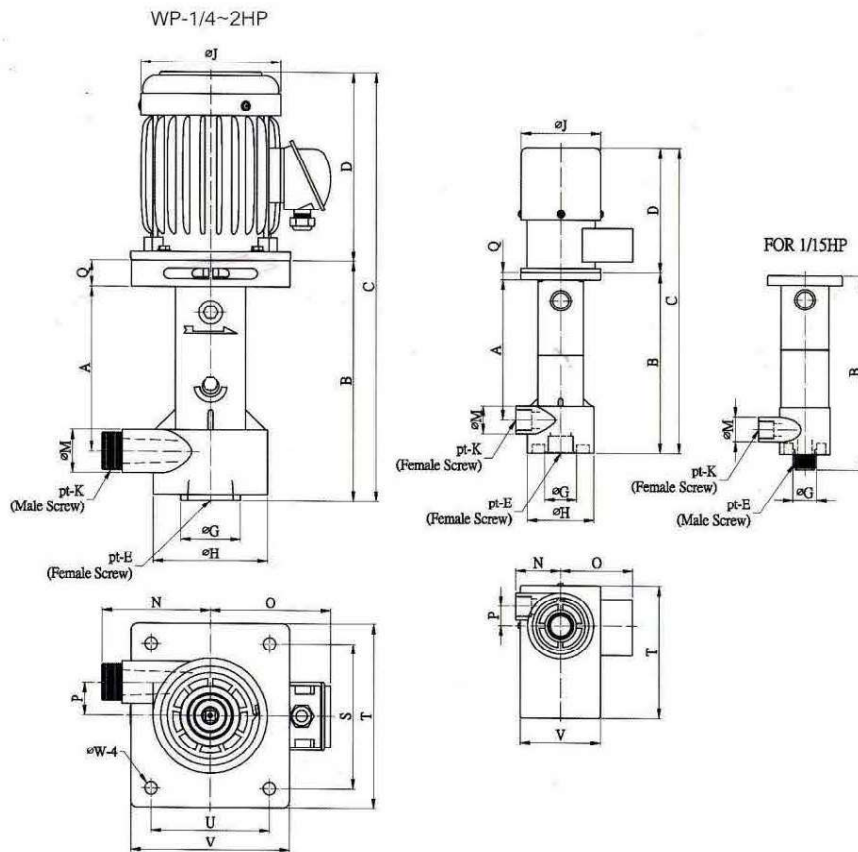
WD series



MODEL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
WD-41VK-15	353	423	698	275	50	120	155	230	4	170	40	105	145	170	142	65	16	185	222	260	222	260	15
WD-42VK-25	353	423	751	328	50	120	155	230	4	202	40	105	145	170	156	65	16	185	222	260	222	260	15
WD-42VK-35	353	423	751	328	50	120	155	230	4	202	40	105	145	170	156	65	16	185	222	260	222	260	15
WD-50VK-35	352	427	790	363	65	130	175	260	4	202	50	120	155	170	177	65	16	185	222	260	222	260	15
WD-50VK-55	352	427	790	363	65	130	175	260	4	243	50	120	155	200	177	65	16	185	222	260	222	260	15
WD-65VK-55	352	427	790	363	80	150	190	260	8	243	65	140	175	200	177	65	16	185	222	260	222	260	15
WD-65VK-7.55	352	427	862	435	80	150	190	260	8	285	65	140	175	200	212	65	20	185	300	350	300	350	18
WD-65VK-105	352	427	862	435	80	150	190	260	8	285	65	140	175	200	212	65	20	185	300	350	300	350	18
WD-100VK-155	400	480	940	500	100	170	210	290		290	100	170	210	200	212	100	14	185	300	350	300	350	18

DIMENSION DRAWING

WP series

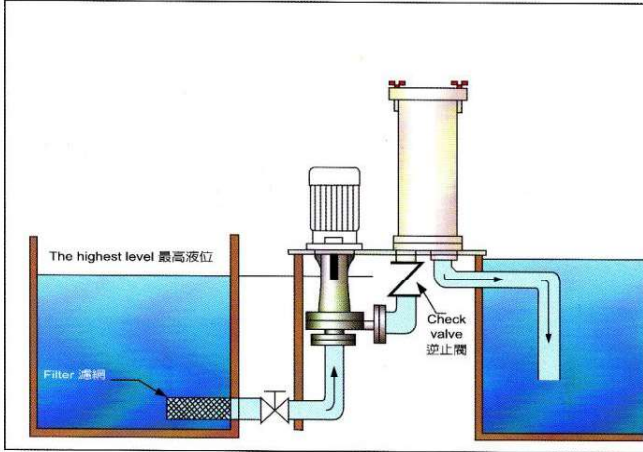


MODEL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
WP-20VK-1/4	245	308	530	222	25		42	110		143	20		35	99	137	35	17		150	182	150	182	10
WP-20VK(P)-1/3	245	308	530	222	25		42	110		143	20		35	99	137	35	17		150	182	150	182	10
WP-25VK-1/2	205	298	533	235	40		75	143		175	25		49	111	150	41	32		180	230	148	198	15
WP-40VK-15	205	315	550	235	50		75	143		175	40		53	135	150	41	32		180	230	148	198	15
WP-40VK-25	205	315	637	322	50		75	143		175	40		53	135	150	41	32		180	230	148	198	15

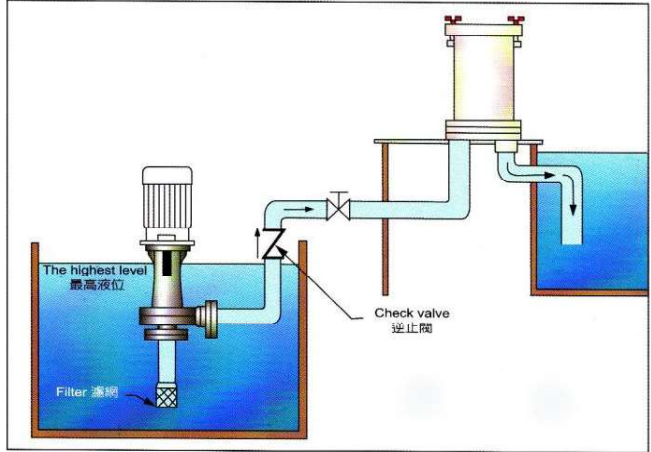
PUMP APPLICATION EXAMPLES

The following is the examples of vertical and sealless pump , which can be combined according to special requirements.

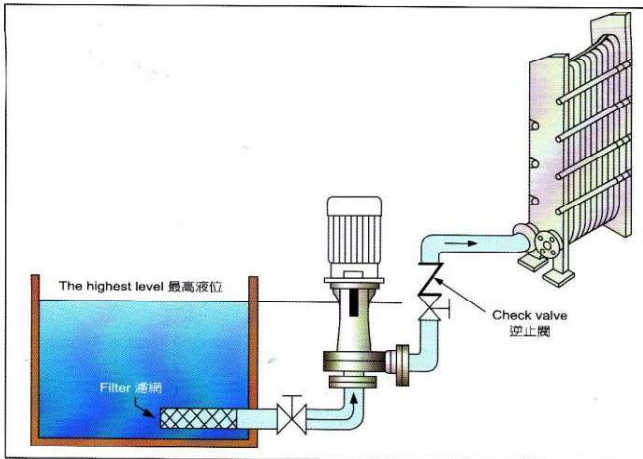
▽ 泵浦裝置桶外，配合過濾器使用
Installed outside tank for filter .



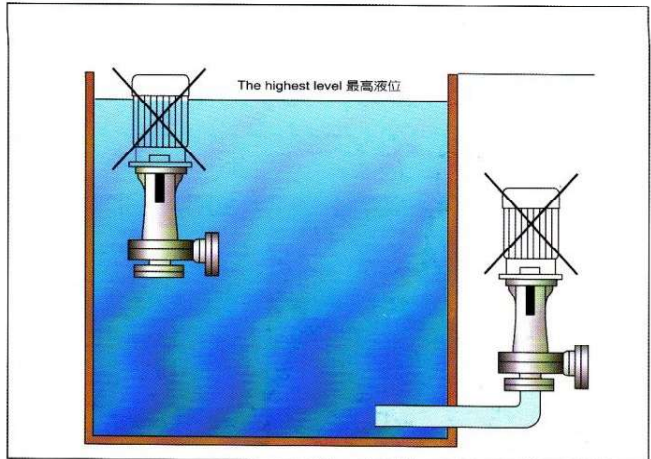
▽ 泵浦裝置桶內，配合過濾器使用
Installed inside tank for filter .



▽ 使用於熱交換器
For heat exchanger.



▽ 警告：不正確使用
Warning: Wrong application.



使用須知：

- 若使用於化學工廠或存有揮發性氣體之環境使用，必需選擇安全增防爆Eg3或D2g4型馬達。
- 入口管處需加裝濾網，以防止吸入異物，造成泵浦損壞。
- 出口配管若高於馬達時，需於液面最高點加裝逆止閥，以防止馬達損壞。
- 不同類型之化學藥液混合混合在一起，會引起化學反應，甚至產生高熱，而使泵浦受損，因此，不要同一泵浦輸送不同化學藥液。

Important Instruction:

- If pump is used in chemical factory or in volatility environment, you have to use explosion-proof motor. (Eg3 or D2g4 type)
- Protect pump from sucking foreign matter, please install strainer on the inlet of pump.
- If outlet pipe is above motor, you have to install check vavle at the highest liquid level to protect motor.
- Mixing different types of chemical liquid will produce extreme heat to damage pump. Please transit one particular chemical liquid within one pump.



STAINLESS STEEL VERTICAL PUMP WDS SERIES

CHEMICAL PUMP

Material

SUS304 /SUS316



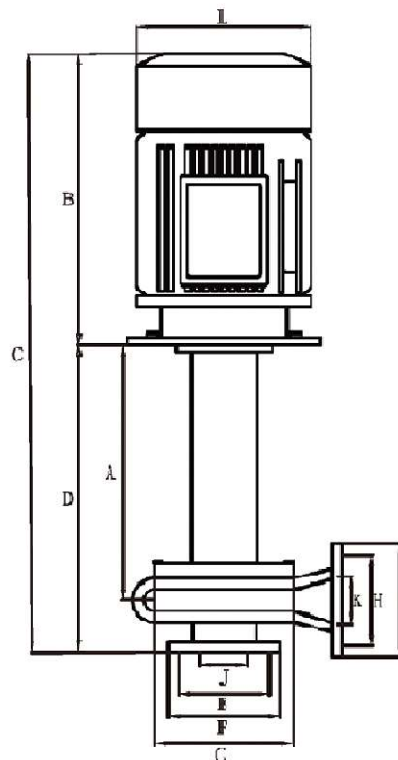
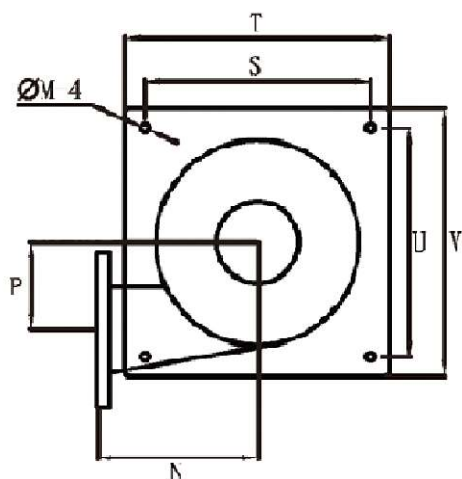
SPECIFICATION

MODEL	INLET/OUTLET (mm)	Max.Head (m)	Max Flow		POWER	
			L/min	M3/h	HP	KW
WDS-25VK-1/2	25 / 25	11.5	100	6	0.5	0.37
WDS-25VK-1	25 / 25	11.5	150	9	1	0.75
WDS-40VK-1	40 / 40	11.5	200	12	1	0.75
WDS-40VK-2	40 / 40	17	300	18	2	1.5
WDS-50VK-2	50 / 50	17	366	22	2	1.5
WDS-50VK-3	50 / 50	17	416	25	3	2.2
WDS-50VK-5	50 / 50	23	600	36	3	2.2
WDS-65VK-3	65 / 65	17	483	29	3	2.2
WDS-65VK-5	65 / 65	23	666	40	3	2.2
WDS-80VK-7.5	80 / 80	27	800	48	5	3.7
WDS-80VK-10	80 / 80	27	933	56	7.5	5.5
WDS-100VK-7.5	100 / 100	23	1666	100	7.5	5.5
WDS-100VK-10	100 / 100	27.5	1666	100	10	7.5
WDS-100VK-15	100 / 100	31	1800	108	10	7.5
WDS-100VK-20	100 / 100	31	2100	126	15	11
WDS-125VK-15	125 / 125	22.5	2633	158	15	11
WDS-125VK-20	125 / 125	27	2633	158	20	15



STAINLESS STEEL VERTICAL PUMP WDS SERIES

CHEMICAL PUMP



DIMENSION

MODEL	A	B	C	D	J	E	F	G	K	H	I	L	M	S	T	U	V	P	N
WDS-25VK-1/2	258	300	558	260	25	78	93	150	25	78	93	170	15	150	210	180	210	70	107
WDS-25VK-1	258	300	558	260	25	78	93	150	25	78	93	170	15	150	210	180	210	70	107
WDS-40VK-1	258	300	558	260	40	78	93	150	40	78	93	170	15	150	210	180	210	70	107
WDS-40VK-2	340	390	730	335	40	95	118	180	40	95	118	200	15	222	260	222	260	82	107
WDS-50VK-2	340	390	730	335	50	95	118	180	50	95	118	200	15	222	260	222	260	82	107
WDS-50VK-3	340	390	730	335	50	95	118	180	50	95	118	200	15	222	260	222	260	82	107
WDS-50VK-5	340	410	750	388	50	122	150	200	50	122	150	200	15	222	260	222	260	85	158
WDS-65VK-3	340	410	750	335	65	122	150	200	65	122	150	200	15	222	260	222	260	85	158
WDS-65VK-5	340	410	750	388	65	122	150	200	65	122	150	235	15	222	260	222	260	85	158
WDS-80VK-7.5	350	420	770	420	80	122	150	230	80	122	150	280	15	300	350	300	350	100	154
WDS-80VK-10	350	420	770	420	80	122	150	230	80	122	150	280	15	300	350	300	350	100	154
WDS-100VK-7.5	365	440	805	420	100	175	210	240	100	175	210	280	15	300	350	300	350	106	163
WDS-100VK-10	365	440	805	420	100	175	210	240	100	175	210	280	15	300	350	300	350	106	163
WDS-100VK-15	395	480	875	513	100	175	210	270	100	175	210	316	15	300	350	300	350	122	167
WDS-100VK-20	395	480	875	513	100	175	210	270	100	175	210	316	15	300	350	300	350	122	167
WDS-125VK-15	403	495	898	513	125	210	250	270	125	210	250	316	15	300	350	300	350	128	210
WDS-125VK-20	403	495	898	513	125	210	250	270	125	210	250	316	15	300	350	300	350	128	210