



**CRIMAR INDUSTRIAL**

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### Series KWP Non-clogging Pump



#### Explanation of Type:

KWP (L) K100-400

KWP: Type of Pump

L: Vertical

K (N, O, F): Type of Pump

100: Diameter of Discharge

400: Diameter of Impeller

#### Notes:

The Series KWP pump is equipped with 4 kinds of impeller for selection:

"K" Impeller: Enclosed non-clogging impeller, which is suitable to transport the clear water, sewage water and fluid containing no binding and tangling materials.

"N" Impeller: Enclosed multi-vane impeller, which is suitable to transport the clear water and fluid containing the slight

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suspension such as treated sewage, screened water, pulp water, and sugar juice and so on.

“O” Impeller: Open impeller, which can be applied as N Impeller, but it can transport fluid containing air.

“F” Impeller: Free flow impeller, which is suitable to transport the fluid containing the coarse solids, air, or binding or tangling materials.

**Features:**

1. Series KWP pump is of single-stage, centrifugal pump which is specially used for the city water supply, the sewage treatment, chemical process, iron and paper making for water supply plants, sewage treatment works, breweries, mines and construction industries and so on.

2. This series of pumps has features of high efficiency, non-clogging and back pull out structure which can allow the rotor to be remove from the pump casing without disturbing the piping or dismantling the casing.

3. Two kinds of seals can be used for the shaft seal of this series pump:

Gland Seal: two kinds of design: standard and high-temperature. When the temperature is higher than 90°C, the high-temperature should be used which has a stuffing box that can be cooled in order to suitable for the transporting duty in high temperature.

Technical Parameter Table

Type	Performance				Diameter of Impeller (mm)	Power (kW)
	Speed (r/min)	Flow (m <sup>3</sup> /h)	Head (m)	Efficiency (%)		
KWPK40-250	2900	15-44	30-100	53	170-260	7.5-22
KWPK50-160	2900	13-65	7-38	73	110-169	2.2-11
KWPK50-200	2900	40-100	22-60	68	160-209	11-18.5
KWPK65-200	2900	40-130	20-57	74	140-209	7.5-30
KWPK65-315	2900	57-180	57.5-90	66	230-209	45-55
KWPK80-250	2900	40-180	20-67	75	170-230	15-45
KWPK100-250	2900	57-235	15-55	73	180-230	15-55
KWPK40-250	1450	8-24	7.5-23.5	51	170-260	1.1-4
KWPK50-160	1450	8.4-33	5.6-10	57	110-169	1.1-1.5
KWPK50-200	1450	11-39	6-14.9	63	160-209	1.5-3
KWPK65-200	1450	40-90	3-14	70	145-209	1.1-5.5
KWPK65-315	1450	30-90	20-37	66	230-320	5.5-18.5
KWPK65-400	1450	35-120	33-55	63	330-408	15-30
KWPK80-250	1450	22-113	4-20	77	170-260	2.2-11
KWPK80-315	1450	60-130	18-36	42	260-320	11-22
KWPK80-400	1450	100-170	20-59	65	280-404	15-45

KWPK100-250	1450	100-240	6.5-21.7	77	180-260	2.2-15
KWPK100-315	1450	100-240	13-34	74	230-320	5.5-30
KWPK100-400	1450	100-250	10-50	72	280-404	11-45
KWPK125-315	1450	135-410	15-35	78	260-320	15-37
KWPK125-400	1450	125-420	25-57	75	320-404	37-90
KWPK125-500	1450	150-400	34-85	65	350-504	37-160
KWPK150-315	1450	150-420	15-30	75	260-320	15-55
KWPK150-400	1450	250-450	25-59	80	320-404	37-90
KWPK150-500	1450	200-450	28-93	74	350-504	45-160
KWPK200-315	1450	300-615	14-29	75	260-320	22-55
KWPK200-400	1450	350-700	22-55	85	320-403	45-110
KWPK200-500	1450	350-800	45-81	82	400-504	110-250
KWPK250-315	1450	670-1260	14-24.4	84	285-324	55-90
KWPK250-400	1450	500-1250	15-43	79	338-409	75-160
KWPK250-500	1450	500-1250	30-85	80	400-504	160-355
KWPK300-400	1450	830-1830	17-43	84	320-409	110-250
KWPK300-500	1450	700-1800	27-80	82	400-504	160-400
KWPK350-400	1450	1200-2350	14-37.5	83	330-408	132-250
KWPK350-500	1450	1000-2500	25-75	89	400-507	250-500
KWPK40-250	960	5-14.5	3-11.1	45	170-260	
KWPK50-160	960	6-22.5	0.75-4	67	110-169	
KWPK50-200	960	15-26	2.75-6	60	160-209	
KWPK65-200	960	12.5-50	1.5-6	66	154-209	1.1-1.5
KWPK65-315	960	20-60	6-16	61	230-320	1.5-5.5
KWPK65-400	960	31-78	13-25	62	330-408	5.5-11
KWPK80-250	960	11.5-75	2-10	77	170-260	1.1-3
KWPK80-315	960	27.5-85	7.4-15	69	260-320	3-7.5
KWPK80-400	960	50-105	7-25	62	280-404	5.5-15
KWPK100-250	960	35-111	1.5-9	75	180-260	1.1-4
KWPK100-315	960	25-120	4-15	69	230-320	2.2-7.5
KWPK100-400	960	40-145	8-25	69	280-404	4-18.5
KWPK125-315	960	60-225	5-14	77	260-320	5.5-11
KWPK125-400	960	100-325	11-25	74	320-404	11-30
KWPK125-500	960	500-265	15-39	71	350-504	11-45
KWPK150-315	960	80-250	5.3-14	72.5	260-320	5.5-15
KWPK150-400	960	100-325	10.3-25.8	78	320-404	11-37
KWPK150-500	960	85-370	10-40	73	350-504	15-55
KWPK200-315	960	115-400	4-12.7	73	260-320	7.5-18.5
KWPK200-400	960	160-410	9.3-24	86	320-403	15-30
KWPK100-500	960	300-720	13.5-37	83	400-504	37-90

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KWPK250-315	960	400-755	5.8-11	83	285-324	18.5-30
KWPK250-400	960	350-850	6.5-18	78	338-409	22-55
KWPK250-500	960	450-900	10-35	83	400-504	45-90
KWPK250-630	960	520-1200	32-64	85	500-630	110-250
KWPK300-400	960	625-1250	7-17.9	83	320-409	37-75
KWPK300-500	960	550-1350	9.5-33	84	400-504	55-132
KWPK350-400	960	750-1400	6.5-16.5	83	330-408	37-75
KWPK350-500	960	1020-2125	10-31.5	89	390-508	75-185
KWPK350-630	960	1080-2600	21-53	84	500-630	150-400
KWPK400-500	960	1500-2740	13-28	87	430-508	110-200
KWPK400-710	960	1580-3200	47-72.5	83	630-730	450-800
KWPK500-630	960	2000-4300	20-40	85.5	528-622	315-500
KWPK125-315	725	75-215	1.5-7.1	75.5	260-320	2.2-5.5
KWPK125-400	725	90-230	4.3-13.8	74	320-404	5.5-11
KWPK125-500	725	78-238	6.4-21.8	65	350-504	7.5-22
KWPK150-315	725	90-240	2.0-7.5	72.5	260-320	3-7.5
KWPK150-400	725	110-320	3.6-13.6	76.5	320-404	7.5-15
KWPK150-500	725	140-285	5-22	73	350-504	5.5-30
KWPK200-315	725	120-280	2.4-7	71	260-320	3-7.5
KWPK200-400	725	125-310	5.2-13.2	85	320-403	7.5-15
KWPK200-500	725	250-540	6.5-20.5	82	400-504	22-37
KWPK250-315	725	282-550	3.3-6.2	81	285-324	7.5-11
KWPK250-400	725	300-680	4.2-11.5	79	338-409	11-30
KWPK250-500	725	300-710	6.2-18.4	79	400-504	22-45
KWPK250-630	725	500-1060	17.5-35	84	500-630	75-132
KWPK300-400	725	460-1080	4.2-9.8	82	320-409	15-30
KWPK300-500	725	440-900	4.3-18.8	83	400-504	22-53
KWPK250-400	725	460-1050	3.8-9.4	82	330-408	18.5-30
KWPK350-500	725	620-1600	6-16.3	88	390-508	37-75
KWPK350-630	725	800-2000	12-30	83	500-630	90-185
KWPK400-500	725	1140-2400	6.0-14	86	430-508	55-90
KWPK400-710	725	1240-2650	23-43	82.5	630-730	185-355
KWPK500-630	725	1600-3000	11.2-22.8	85.5	528-622	132-220
KWPO50-200	2900	48-85	24.5-58.5	70	160-209	11-22
KWPO65-315	2900	80-120	48-82	59	230-260	37-55
KWPO80-250	2900	80-200	17-90	70	170-260	18.5-75
KWPO100-250	2900	85-250	16-67	70	180-230	22-55
KWPO50-200	1450	26-52	6.1-14.2	64	160-209	1.5-3
KWPO65-315	1450	40-100	6.5-31	70	230-320	5.5-15
KWPO80-250	1450	30-152	4.1-21.6	70.8	170-260	3-11

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KWPO80-400	1450	90-180	17-53	68	280-404	18.5-45
KWPO100-250	1450	40-200	4.95-21	71	180-260	4-18.5
KWPO100-400	1450	100-325	16.5-54	74	280-404	22-75
KWPO150-315	1450	230-420	13-35	81	260-320	30-55
KWPO150-500	1450	218-420	28-82	71	350-504	75-185
KWPO200-400	1450	410-750	23.5-55.4	80	320-400	75-160
KWPO50-200	960	16.5-34	2.85-6.25	58	160-209	0.75-1.1
KWPO35-315	960	30-70	3.5—13	60	230-320	2.2-5.5
KWPO80-250	960	16-100	2.6-9	69	170-260	1.1-4
KWPO80-400	960	50-150	10-22.6	65	280-404	7.5-150
KWPO100-250	960	30-210	2.5-9.5	69	180-260	1.5-5.5
KWPO100-400	960	50-180	9.4-25	72	280-404	7.5-22
KWPO150-315	960	60-325	7-16.5	79	260-320	7.8-18.5
KWPO150-500	725	75-325	7.5-23	69	350-504	11-30
KWPN65-315	2900	60-165	56-94	68	230-320	37-55
KWPN100-250	2900	100-280	30-94	81	180-260	30-90
KWPN65-315	1450	40-120	12-34	72	230-320	5.5-15
KWPN80-400	1450	50-180	19-57	75	280-404	15-37
KWPN100-250	1450	45-175	7-23.3	80	180-260	4-15
KWPN100-400	1450	70-260	18-56	76	280-404	15-55
KWPN150-500	1450	160-440	36-89	77.5	350-500	45-160
KWPN200-400	1450	250-750	18-58	84.5	320-404	75-132
KWPN65-135	960	35-80	5.2-15.2	67	230-320	2.2-5.5
KWPN80-400	960	45-145	8.4-24.7	72	280-404	4-15
KWPN100-250	960	40-140	3-10.3	78	180-260	2.2-5.5
KWPN100-400	960	70-210	8.1-24.2	74.5	280-404	5.5-18.5
KWPN150-500	960	100-325	13.7-39	78	350-504	15-45
KWPN200-400	960	150-575	10.2-24.5	83.5	320-404	18.5-37
KWPN150-500	725	100-250	7.6-24.5	78	350-504	7.5-18.5
KWPN200-400	725	100-400	5.6-14.3	83.8	320-404	7.5-15
KWPF50-200	2900	30-85	20.7-59.2	55	145-209	15-30
KWPF80-245	2900	60-200	26-90.5	59.5	170-425	45-90
KWPF100-250	2900	80-300	28.5-92.7	65	180-260	55-160
KWPF50-200	1450	20-75	4.5-14.7	53.5	145-209	3-5.5
KWPF80-250	1450	40-200	6.4-24.3	59	170-260	7.5-22
KWPF100-250	1450	40-310	5.5-22.6	54	180-260	11-37
KWPF100-400	1450	100-310	29-56.6	58.5	305-404	55-90
KWPF125-500	1450	140-400	39-84	58	350-495	90-160
KWPF150-315	1450	120-450	17.6-37.2	60.5	260-320	45-75
KWPF150-500	1450	160-440	37.8-87	57	350-495	110-185

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KWPF200-315	1450	200-700	14-31	50	260-320	72-110
KWPF200-400	1450	200-600	29-58	59	320-404	110-160
KWPF50-200	960	10-45	2.1-6.4	54	145-209	1.1-2.2
KWPF80-250	960	20-110	3.2-10.8	57	170-260	2.2-7.5
KWPF100-250	960	30-160	3.3-9.9	52.5	180-260	2.2-7.5
KWPF100-400	960	67-300	12.3-25	57.5	305-404	18.5-37
KWPF125-500	960	100-444	12.8-36	58	350-495	37-57
KWPF150-315	960	80-280	8.2-16.1	57	260-320	11-22
KWPF150-500	960	100-425	11.6-38	57	350-459	37-75
KWPF200-315	960	150-160	6.0-13.5	50	260-320	30-45
KWPF200-400	960	140-500	11.7-25	57	320-404	37-75
KWPF125-500	725	75-300	8.0-20.1	58	350-495	15-30
KWPF150-315	725	70-160	5.2-9.2	63	260-350	5.5-11
KWPF150-500	725	80-280	9.7-20.4	57	350-495	15.0-37
KWPF200-315	725	100-450	3.9-7.7	49	260-320	7.5-22
KWPF200-400	725	120-360	7.7-14.4	50	320-404	15-30

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