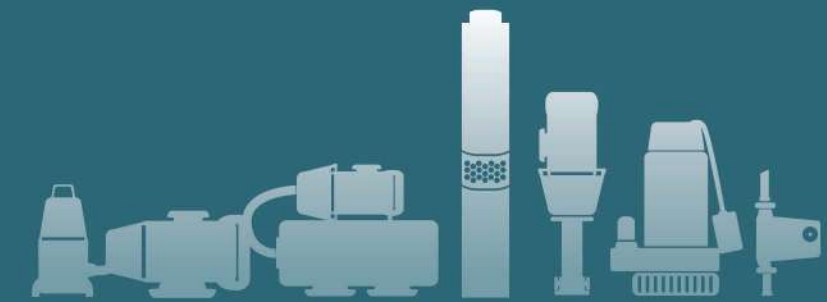


GREEN



PRODUCT CATALOGUE WATER PUMP


GREEN[®]
Water Solution

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GREEN[®]
Water Solution



Installation And Use

The WQK series pump which are made of cast iron casing and equipped with cutting impeller. Is a submersible cutter pump designed for handling raw sewage, waste-water, and heavy-duty industrial applications.

These pumps have been used to drain sewage and waste-water from buildings and kitchens, and to transfer sewage and waste-water in water treatment facilities of factories and commercial complexes.

The pump is subject to clogging from oversize material. Single or two sintered tungsten carbide alloy serrated edges are combine onto the impeller vane. This mechanical cuts incoming fibrous material into pieces, permitting smooth passage of fibrous material during suction. Ensuring excellent durability and enabling the pump to maintain high performance for an extended period.

Flow rate up to

7666.7 L/min (460 m³/h)

Head up to

80 m

Application Limits

5 m maximum immersion depth

Liquid temperature +35 °C

Ambient temperature up to +40 °C

Construction

Pump Body: Cast iron

Impeller: Cutter impeller in carbide alloy

Motor Bracket: Cast iron

Motor Shaft: Stainless steel

Mechanical Seal: Ceramic - graphite or Sic to graphite

Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding; Three-phase 380/400V-50Hz.

Insulation: Class F.

Protection: IP X8.



Model	Power		Max.head m	Max.flow m³/h	Size mm	N/W kg	Speed	H(m)															
	kW	HP						Q (m³/h)	0	3	10	12	15	17	19	25	30	35	40	45	50		
WQK10-10-0.75L2	0.75	1	14	17	2	18	2900/2P	Q (L/min)	0	50	167	200	250	283	317	417	500	583	667	750	833		
WQK10-12-1.1L2	1.1	1.5	16	19	2	19.1	2900/2P		14	13	9.5	7	5	3	/	/	/	/	/	/	/	/	
WQK12-15-1.5L2	1.5	2	20.5	35	2	30	2900/2P		16	15	11	10	7.5	5.5	3.5	/	/	/	/	/	/	/	
WQK10-20-2.2L2	2.2	3	22.5	40	2	33.3	2900/2P		20.5	20	15.5	15	14.5	14	13.5	12	10.5	8.5	/	/	/	/	
WQK15-20-3L2	3	4	25.5	45	2	36.8	2900/2P		22.5	21	19.5	19	18.5	18	17	15	13	11	/	/	/	/	
WQK15-25-4L2	4	5.5	32	50	2	40	2900/2P		25.5	24	23	22	20.5	20	19	17.5	15.5	14.5	12	7	/	/	
									32	30	28	27.5	27	26	25	23	20	16.5	13.5	8.5	3		

Model	Power		Max.head m	Max.flow m³/h	Size mm	N/W kg	Speed	H(m)													
	kW	HP						Q (m³/h)	0	10	25	30	36	40	45	50					
WQK25-55-11L2	11	15	62	36	2	246	2900/2P	Q (L/min)	0	167	417	500	600	667	750	833					
WQK30-50-15L2	15	20	80	50	2	251	2900/2P		62	59	50	30	8	/	/	/					
									80	77	66.5	50	53	47	39	5					

Model	Power		Max.head m	Max.flow m³/h	Size mm	N/W kg	Speed	H(m)																			
	kW	HP						Q (m³/h)	0	5	15	20	25	26	30	35	40	50	65	75	80	90	100				
WQK20-10-1.5L2	1.5	2	18	35	2.5	30	2900/2P	Q (L/min)	0	83	250	333	417	433	500	583	667	833	1083	1250	1333	1500	1667				
WQK25-15-2.2L2	2.2	3	23	50	2.5	34	2900/2P		18	16	12	9.5	7	6.5	4	2.5	/	/	/	/	/	/	/				
WQK35-15-3L2	3	4	24.5	50	2.5	37.7	2900/2P		23	21.5	18.5	17.5	15.5	15	13.5	12.5	9	6	/	/	/	/	/				
WQK26-22-4L2	4	5.5	28	75	2.5	43	2900/2P		24.5	23	20	18	16.5	16	15	14	10	7	/	/	/	/	/				
WQK30-25-5.5L2	5.5	7.5	32	80	2.5	55	2900/2P		28	25	24	23	22.5	22	20	17.5	15.5	13.5	10	7	/	/	/				
WQK20-30-7.5L2	7.5	10	33	100	2.5	60.7	2900/2P		32	31	28	26	25	24.5	24	23	21.5	20	16	12.5	7	/	/				
									33	32	31	29.5	28	26	25	24	22.5	21	18	15.5	13	9	4				

Model	Power		Max.head m	Max.flow m³/h	Size mm	N/W kg	Speed	H(m)																			
	kW	HP						Q (m³/h)	0	5	15	20	35	40	45	50	55	72	78	88	100	110					
WQK35-10-2.2L2	2.2	3	23	50	3	35.8	2900/2P	Q (L/min)	0	83	250	333	583	667	750	833	917	1200	1300	1467	1667	1833					
WQK40-12-3L2	3	4	24	55	3	38	2900/2P		23	21.5	18.5	16.5	11	9	7.5	4	/	/	/	/	/	/					
WQK45-17-4L2	4	5.5	29	78	3	44.4	2900/2P		24	22.5	19	18	14	12	10	8	6	/	/	/	/	/					
WQK45-20-5.5L2	5.5	7.5	31	88	3	52.9	2900/2P		29	28	25	24	20	19	17	16	15	9	6	/	/	/					
WQK50-22-7.5L2	7.5	10	34.5	110	3	63	2900/2P		31	29	28	25	23	21	20	18	17	12	8	5	/	/					
									34.5	31	30	28	26	24	23	22	20.5	17	16	14	11	8					

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Model	Power		Max. head m	Max. flow m³/h	Size Inch	N/W kg	Speed	Q (m³/h)												
	kW	HP						0	20	40	50	60	65	80	94	100	122	126		
WQK50-30-11L2	11	15	42	94	3	248	2900/2P	Q (L/min)		0	333	667	833	1000	1083	1333	1567	1667	2033	2100
WQK60-40-15L2	15	20	55	94	3	253	2900/2P		42	38	33.5	30.5	28.5	27	22	6.5	/	/	/	/
WQK65-45-18.5L2	18.5	25	62	126	3	278	2900/2P		55	50	45	43	41	40	35	8	/	/	/	/
WQK60-50-22L2	22	30	70	126	3	298	2900/2P		62	57.5	53	51.5	49.5	48.5	46	40.5	38.5	15	4	4
									70	65.5	60	58	55	54	52	47	43	13	2	2

Model	Power		Max. head m	Max. flow m³/h	Size Inch	N/W kg	Speed	Q (m³/h)												
	kW	HP						0	15	30	45	50	60	65	80	100	110	120		
WQK65-12-4L2	4	5.5	25.5	80	4	45	2900/2P	Q (L/min)		0	250	500	750	833	1000	1083	1333	1667	1833	2000
WQK65-15-5.5L2	5.5	7.5	30	100	4	54.8	2900/2P		25.5	21	18.5	15.5	14.5	12.5	10	5	/	/	/	/
WQK100-15-7.5L2	7.5	10	33.5	117	4	61.9	2900/2P		30	27	25	22	21.5	19	15	14	9	/	/	/
									33.5	31	28	26	23	20.5	18	16.5	15	8	8	4.5

Model	Power		Max. head m	Max. flow m³/h	Size Inch	N/W kg	Speed	Q (m³/h)													
	kW	HP						0	20	40	60	80	100	110	115	124	140	170	180		
WQK80-25-11L2	11	15	44	44	4	255	2900/2P	Q (L/min)		0	333	667	1000	1333	1667	1833	2000	2067	2333	2833	3000
WQK100-30-15L2	15	20	45.5	45.5	4	178	2900/2P		44	39.5	34.5	31.5	28	23.5	22	21	20	15.5	7	/	/
WQK80-40-18.5L2	18.5	25	55	55	4	283	2900/2P		45.5	42	39.5	36	33	28	26	25	23.5	20	11	4	4
WQK80-45-22L2	22	30	66.5	66.5	4	308	2900/2P		55	52	49	46	40	35	30	20	12	/	/	/	/
									66.5	62	58	53	45	38	32	23	5.5	/	/	/	/

Model	Power		Max. head m	Max. flow m³/h	Size Inch	N/W kg	Speed	Q (m³/h)													
	kW	HP						0	20	40	60	80	100	120	140	149	167				
WQK120-10-7.5L2	7.5	10	32.5	140	6	66.8	2900/2P	Q (L/min)		0	333	667	1000	1333	1667	2000	2400	2483	2783		
WQK100-36-18.5L2	18.5	25	49	167	6	278	2900/2P		32.5	30.5	23	19.5	15.5	14	10	3	/	/	/	/	
WQK100-40-22L2	22	30	53	167	6	298	2900/2P		49	46.5	43.5	40.5	38.5	36	32.5	21.5	18.5	2.5	2.5	2.5	
									53	49	46.5	45	43	40	37	24	22	2	2	2	2

Model	Power		Max. head m	Max. flow m³/h	Size Inch	N/W kg	Speed	Q (m³/h)															
	kW	HP						0	15	30	45	50	60	65	80	100	110	120	140	160			
WQK80-25-11L2	11	15	40.5	140	4	255	1450/2P	Q (L/min)		0	250	500	750	833	1000	1083	1333	1667	1833	2000	2333	2667	
WQK80-28-15L2	15	20	47.5	160	4	178	1450/2P		40.5	37	35.5	32	31.5	27.5	25	23	18	15	12	5	/	/	
									47.5	44	41	38	37	34.5	32	29	25	22	18	12	3	3	

Model	Power		Max. head m	Max. flow m³/h	Size Inch	N/W kg	Speed	Q (m³/h)																			
	kW	HP						0	50	100	120	140	150	200	205	215	250	300	350	400	450						
WQK150-15-11L2	11	15	24.5	250	6	253	1450/2P	Q (L/min)		0	834	1667	2000	2333	2501	3333	3417	3583	4168	5000	5833	6667	7500				
WQK200-15-15L2	15	20	28	200	6	258	1450/2P		24.5	21	18.5	16	15	14.5	10	9.5	8	4.5	/	/	/	/					
WQK250-15-18.5L2	18.5	25	30.5	450	6	278	1450/2P		28	25	21	20.5	20	19	16.5	15.5	15	13.5	10	6	/	/					
WQK300-15-22L2	22	30	31.5	450	6	298	1450/2P		30.5	27	24.5	23.5	22.5	22	20	19.5	19	17.5	14	11	7.5	2.5					
									31.5	28	26	25	24	23	21	20	19.5	18.5	15	12	8	2	2				

Model	Power		Max. head m	Max. flow m³/h	Size Inch	N/W kg	Speed	Q (m³/h)													
	kW	HP						0	50	100	150	200	250	300	350	400	420	460			
WQK300-12-18.5L2	18.5	25	27	420	8	283	1450/2P	Q (L/min)		0	833	1667	2500	3333	4167	5000	5833	6667	7000	7667	
WQK400-10-22L2	22	30	29	460	8	305	1450/2P		40.5	24	35.5	19	17	14.5	12	8	4	3	/	/	/
									47.5	28	41	22.5	20	17.5	15	12	10	6.5	3.5	3.5	3.5

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