

KBZ Submersible Pumps for Contaminated and Waste Water

APPLICATION AREAS

- ✓ Discharging waste and contaminated water,
- ✓ Processes in septic tanks,
- ✓ All treatment applications.

RELIABLE & EFFICIENT

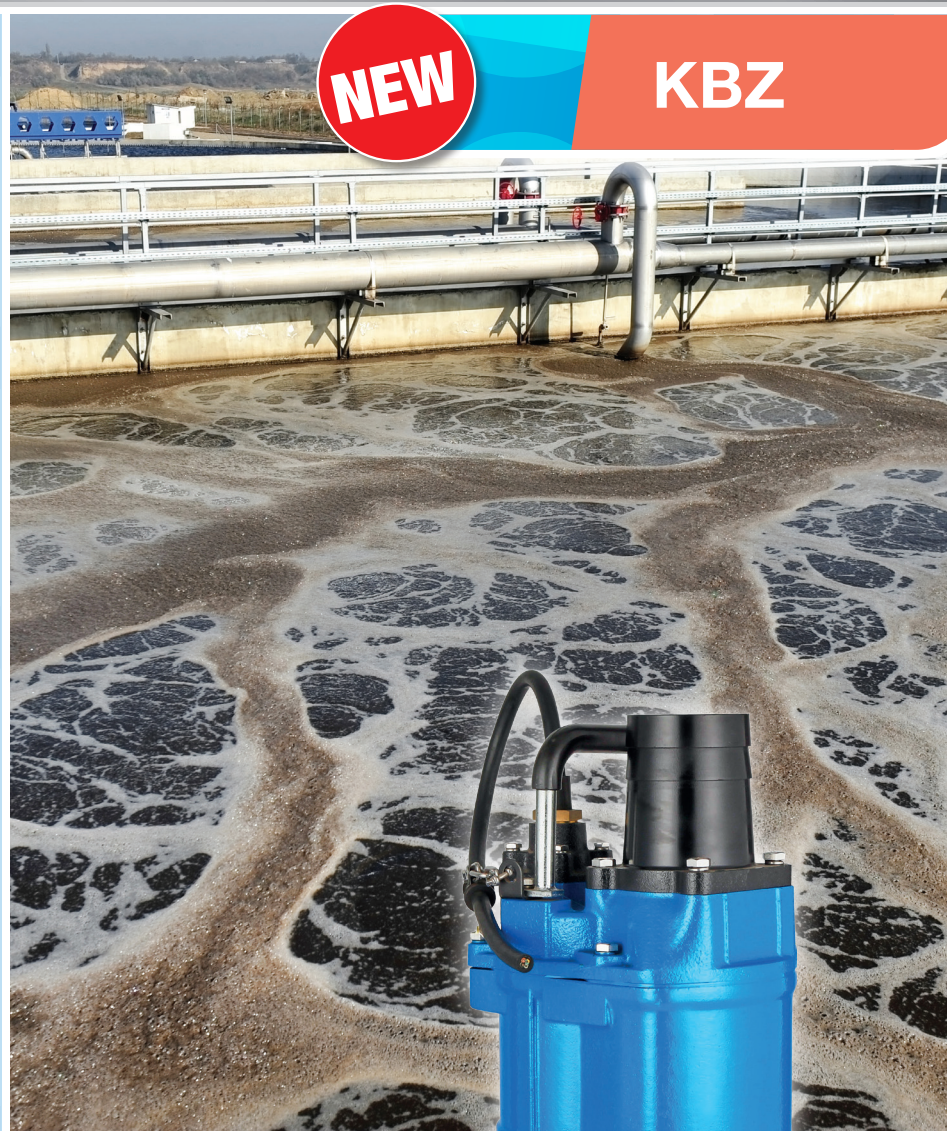
- ✓ In the flow rate range of 0 to 160 m³/h.
- ✓ Pump head of 8-56 meters.
- ✓ 40-160 kg weight.

OUTSTANDING PUMP FEATURES

- ✓ Quality fan diffuser design with 58 HR (Rockwell hardness).
- ✓ 20 meters submersion depth.
- ✓ Engine cooling thanks to the specially designed pump body.

OUTSTANDING MOTOR FEATURES

- ✓ Waterproof cable technology.
- ✓ Built-in thermal protection.
- ✓ Extra cooling thanks to the special water channel.
- ✓ IP68 protection class.
- ✓ F-grade isolation.

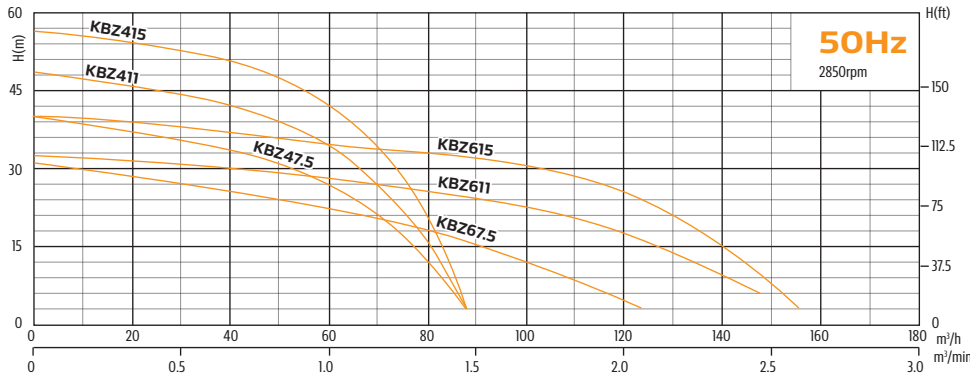
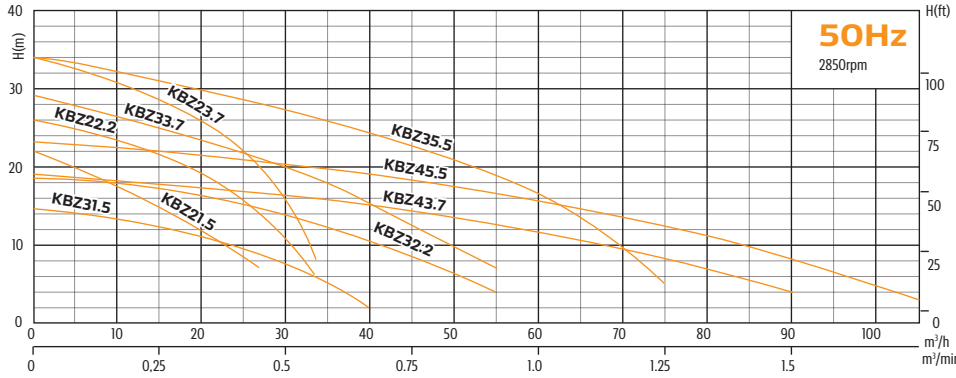


Pioneer in the pump,
with the assurance of Alarko Carrier...

KBZ SUBMERSIBLE PUMP for Contaminated and Waste Water



PUMP FLOW (Q) - PRESSURE (H) TABLE



PARTS and MATERIALS TABLE

Part Name	Material
Push Ventil Body	Cast Iron
Pump Housing	Cast Iron
Top Cover	Cast Iron
Diffuser	Chrome Alloy
Fan	Chrome Alloy
Motor Casing	Cast Iron
Mechanical Seal	Silicon Carbide/Carbon
Pump Shaft	AISI 420 SS
Handle	Rubber/Steel

PERFORMANCE and SIZE CHART

ALARKO KBZ	Number of Steps	Motor Power (HP)	Rated Current (A) *	Total Height (H) mm	Total Length (L) mm	Total Weight (kg)	Pump Outlet (DN) Diameter	Capacity														
								m³/h	0	10	20	40	60	80	100	120	150					
								lt/sn	0	2.7	5.5	11	16.6	22.2	27.7	33.3	41.6					
KBZ 21,5	Single	2	3.5	505	235	40	2"	Hm (mSS)	22	18	12											
KBZ 22,2	Single	3	5	505	235	43			26	24	19											
KBZ 23,7	Single	5	7.7	629	283	68			34	30	26											
KBZ 31,5	Single	2	3.5	505	235	40	3"		14	13	11											
KBZ 32,2	Single	3	5	505	235	43			19	18	17	11										
KBZ 33,7	Single	5	7.7	629	283	68			29	26	23	15										
KBZ 35,5	Single	7.5	11.4	590	284	84	4"		34	32	30	24	16									
KBZ 47,5	Single	10	15	676	330	116			40	39	37	33	27	12								
KBZ 411	Single	15	22	695	373	148			48	47	46	42	35	15								
KBZ 415	Single	20	29.5	755	373	158	6"		56	55	54	50	42	21								
KBZ 611	Single	15	22	695	373	150		33	32	31	30	28	25	22	18							
KBZ 615	Single	20	29.5	755	373	160		41	40	39	37	35	33	30	26	8						

* Ideal voltage is the value measured in the test laboratory.

Note: Manufacturer reserves the right to change any product specifications without notice.

ALARKO



ALARKO CARRIER
SANAYİ VE TİCARET A.Ş.

GOSB - Gebze Organize Sanayi Bölgesi, Şahabettin Bilgisu Cad.

No:1604 Gebze 41480 KOCAELİ - TÜRKİYE

Phone: +90 262 648 60 00

Fax: +90262 648 60 08

www.alarko-carrier.com.tr

info@alarko-carrier.com.tr