



JMI - Simavis

Heavy Duty Construction Dewatering Pump



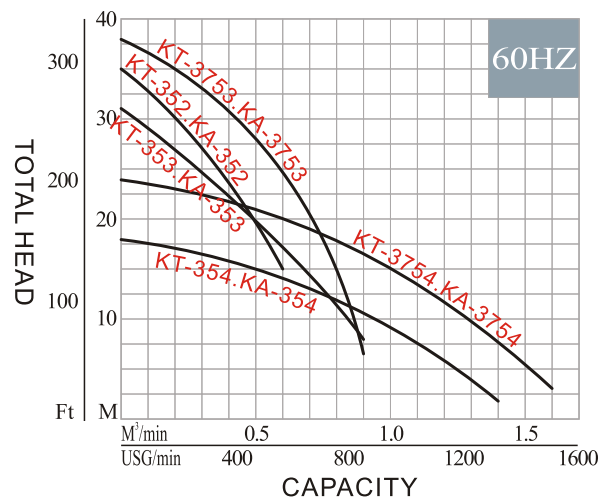
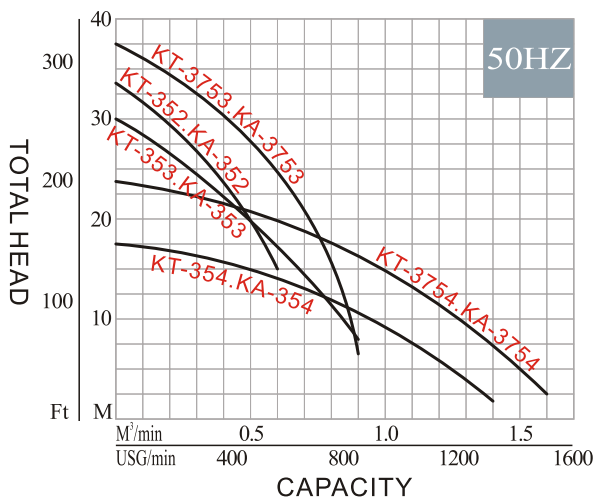
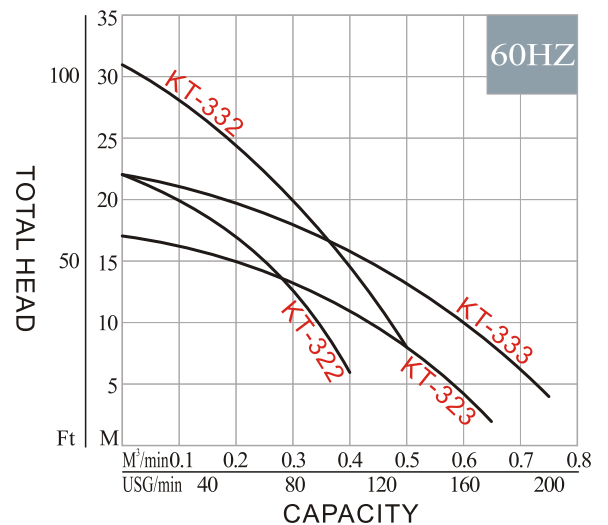
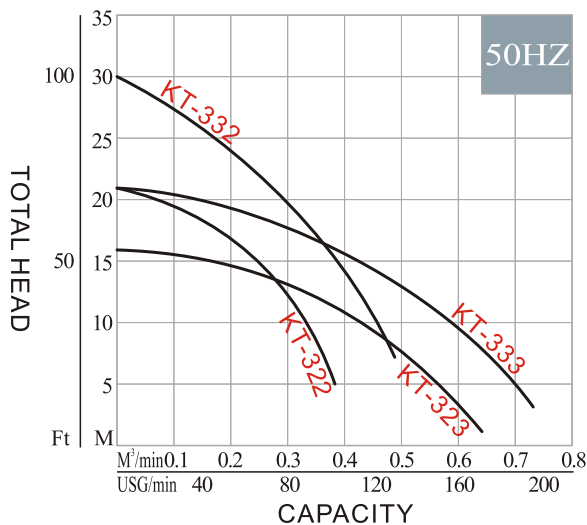
KT/KA Series

KT/KA Series - High Head

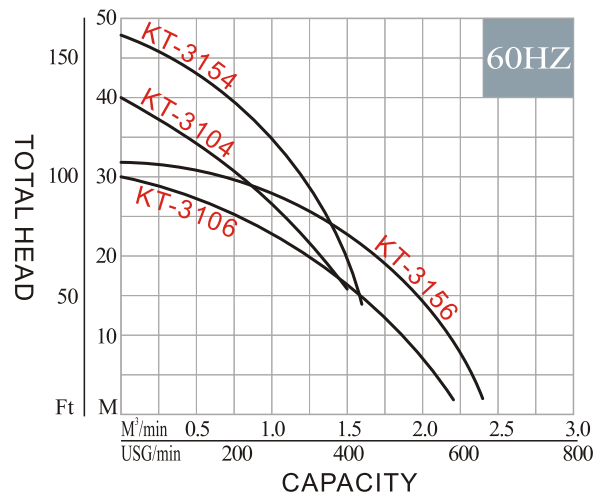
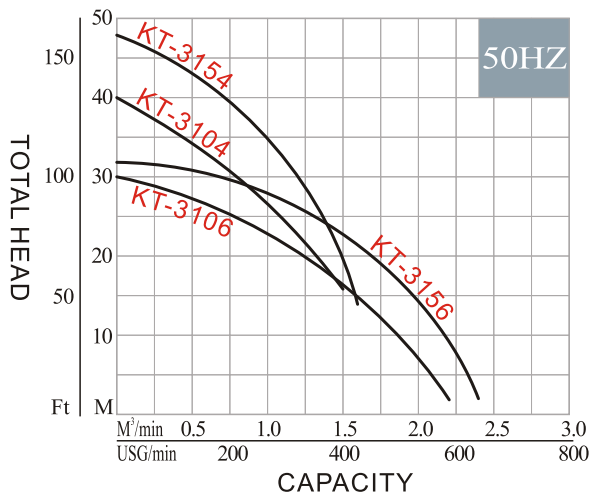


Compact design, high performance and durability for handling extremely abrasive media, ranging from general construction to civil engineering.

PERFORMANCE CURVES



KT/KA Series - High Head



SPECIFICATION

KT : Cassting Iron Series

Type	Phase	Voltage	Power		Caliber		Pole	Std.Head	Std.Flow	Max.Head	Max.Flow	Weight	Solid Passage	Remark
TYPE	PH	VOLT	HP	KW	Inch	mm	P	M	M³/min	M	M³/min	KG	mm	REM
KT-322	3Ø	220~525	2	1.5	2"	50	2P	15	0.25	22	0.40	33	8.5	
KT-323	3Ø	220~525	2	1.5	3"	80	2P	8	0.50	17	0.65	33	8.5	
KT-332	3Ø	220~525	3	2.2	2"	50	2P	20	0.30	31	0.50	38	8.5	
KT-333	3Ø	220~525	3	2.2	3"	80	2P	10	0.60	22	0.75	38	8.5	
KT-352	3Ø	220~525	5	3.7	2"	50	2P	30	0.20	35	0.60	52	8.5	
KT-353	3Ø	220~525	5	3.7	3"	80	2P	20	0.50	31	0.80	52	8.5	
KT-354	3Ø	220~525	5	3.7	4"	100	2P	10	1.00	18	1.40	52	8.5	
KT-3753	3Ø	220~525	7.5	5.5	3"	80	2P	25	0.60	38	0.90	68	8.5	
KT-3754	3Ø	220~525	7.5	5.5	4"	100	2P	15	1.00	24	1.60	68	8.5	
KT-3104	3Ø	220~525	10	7.5	4"	100	2P	30	0.80	40	1.50	125	15	
KT-3106	3Ø	220~525	10	7.5	6"	150	2P	15	1.60	30	2.20	125	15	
KT-3154	3Ø	220~525	15	11	4"	100	2P	35	1.00	48	1.60	140	15	
KT-3156	3Ø	220~525	15	11	6"	150	2P	20	1.70	32	2.40	140	15	

KA : Aluminum Series

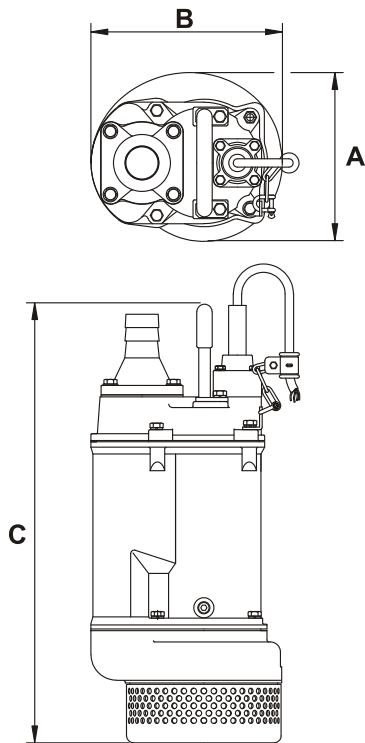
Type	Phase	Voltage	Power		Caliber		Pole	Std.Head	Std.Flow	Max.Head	Max.Flow	Weight	Solid Passage	Remark
TYPE	PH	VOLT	HP	KW	Inch	mm	P	M	M³/min	M	M³/min	KG	mm	REM
KA-352	3Ø	220~525	5	3.7	2"	50	2P	30	0.20	35	0.60	43	8.5	
KA-353	3Ø	220~525	5	3.7	3"	80	2P	20	0.50	31	0.80	43	8.5	
KA-354	3Ø	220~525	5	3.7	4"	100	2P	10	1.00	18	1.40	43	8.5	
KA-3753	3Ø	220~525	7.5	5.5	3"	80	2P	25	0.60	38	0.90	52	8.5	
KA-3754	3Ø	220~525	7.5	5.5	4"	100	2P	15	1.00	24	1.60	52	8.5	

KT/KA Series - High Head

APPLICATIONS

1. General construction & civil engineering application.
2. Tunnel & subway construction, mining and reclamation operation.
3. Deep-well pre-dewatering.

DIMENSIONS



Unit:mm

TYPE	A	B	C
KT-322	235	250	585
KT-323	235	250	585
KT-332	235	250	585
KT-333	235	250	585
KT-352	250	285	655
KT-353	250	285	655
KT-354	250	285	655
KT-3753	260	310	700
KT-3754	260	310	700
KT-3104	355	380	900
KT-3106	355	380	900
KT-3154	355	380	900
KT-3156	355	380	900

PARTS LIST

Liquid	Caliber	50 / 80 / 100 / 150 mm	
	Temperature	0°C~40°C (32°C~104°F)	
	Application	The special construction, the bridge, the harbor, the river, the civil engineering drain off water using	
	The lowest depth	▽10M	
Pump	Structure	Impeller	Semi-open Impeller
		Seal	Dual Mechanical Seal
	Material	Upper Cover	FC-200 / ALU(5-7.5HP)
		Bearing	Heavy-duty bearing
		Impeller	HCR
		Volute Casing	FC-200 / ALU(5-7.5HP)
		Motor Bracket	FC-200
		Suction Casing Cover	FC-200
	Seal	Lubricant	ISO VG.#32
		Motor Side	Carbon / Ceramic
		Pump Side	SIC / SIC
Motor	Type	Submersible dry type	
	Insulation class	F class(155°C)	
	Inner protector	Auto Reset Motor Protector	
	Material	Casing	FC-200 / ALU(5-7.5HP)
		Main Shaft	SUS410

*Spare parts and material of pump could be made by request.

SECTIONAL DRAWING

