



## ALBIN PUMP KB-SERIES

*Peristaltic Metering Pump / Technical Data Sheet*



### FEATURES

- *Tool-free tube change*
- *Improved safety - No rotating parts during tube change*
- *Easy-to-Use interface with one-button switching between local and remote mode*
- *USB interface allows for downloading of operating history*
- *Expandable platform can be field-upgraded to add features and communication options*
- *Multiple tubing options to cover a wide range of chemicals and applications*
- *Assembled in USA*
- *Standard 2-year warranty*

### OPERATING RANGE

- *Up to 608 L/h (160 gph)*
- *Up to 8.6 bar (125 psi)*
- *200:1 Turndown*

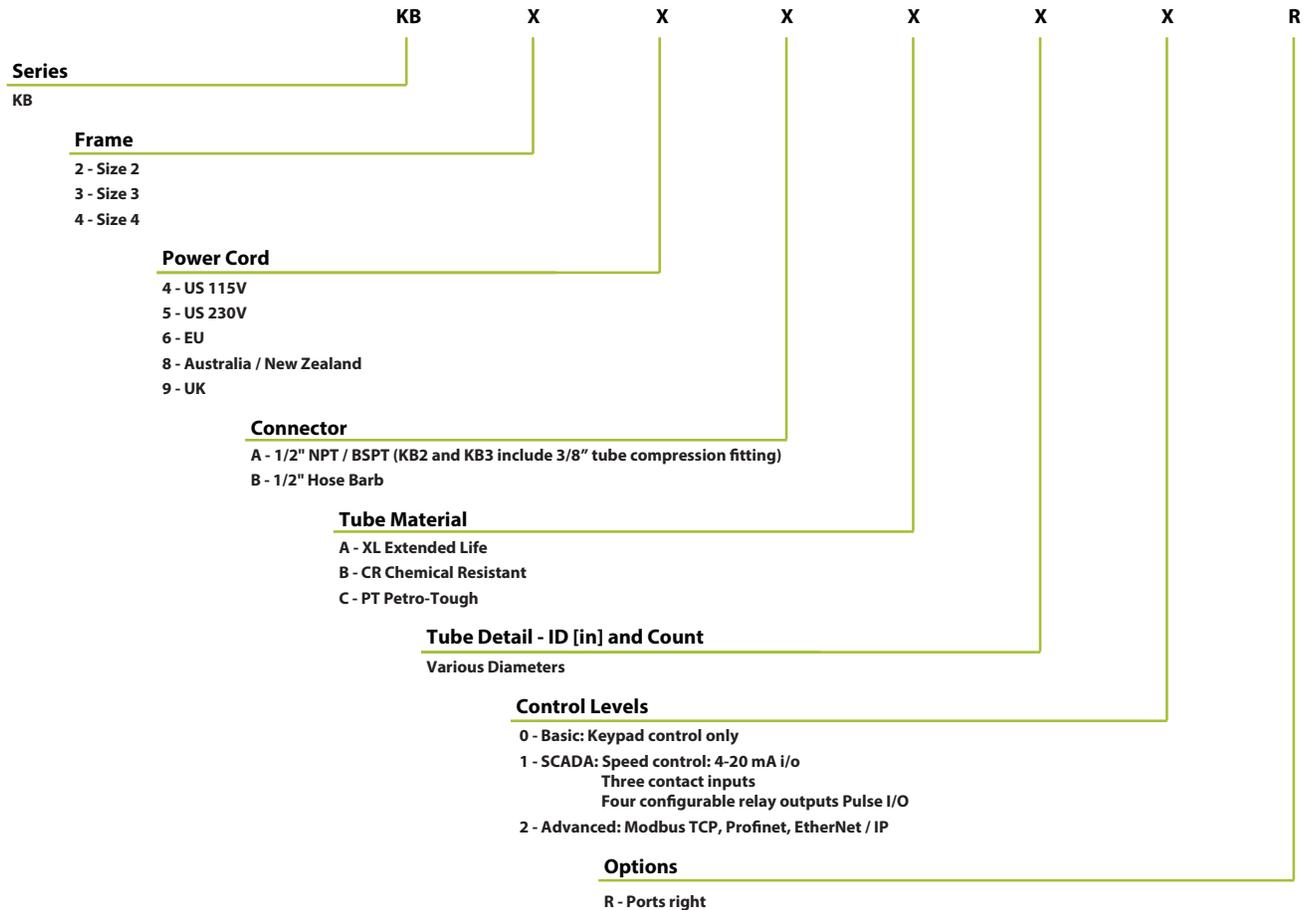


# KB-Series

## Data Sheet

### MODEL CODE EXPLANATION

Sample Part Number: **KB2-4-ACG1-0R**



**NOTICE: All possible options are shown in the chart, however, certain combinations may not be recommended. Consult a representative or the factory if you have questions concerning availability.**



# KB-Series

## Data Sheet

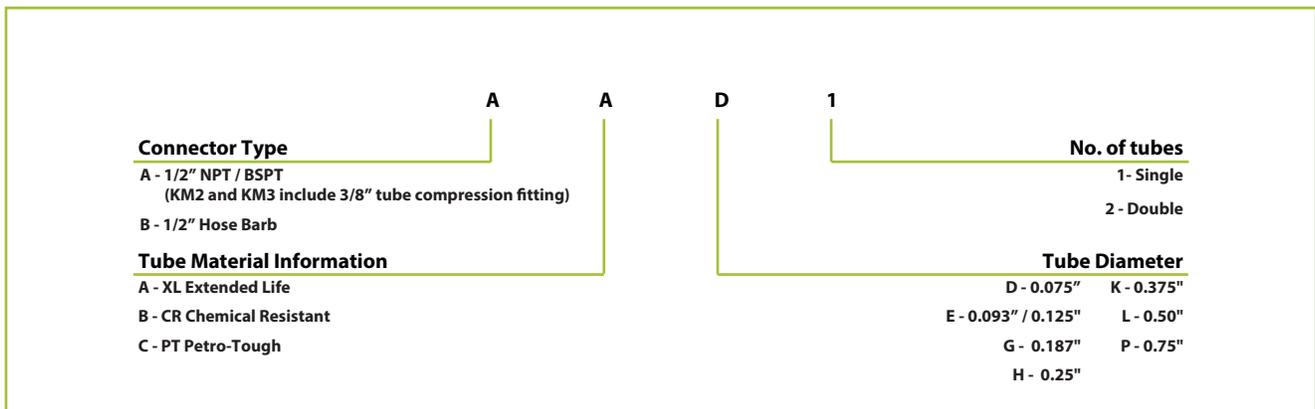
### AVAILABLE TUBE ASSEMBLIES

	MATERIAL	PART #	CONNECTOR	GPH	L/H	PSI	BAR	
KB2	XL	AAD1	A	1.7	6.5	125	8.6	
		BAD1	B	1.7	6.5	125	8.6	
		AAE2	A	4.4	16.8	110	7.6	
		BAE2	B	4.4	16.8	110	7.6	
		AAG2	A	17.1	65.1	110	7.6	
		BAG2	B	17.1	65.1	110	7.6	
	CR	ABH1	A	14.2	54	50	3.4	
	PT	ACG1	A	9.3	35.2	65	4.5	
		ACG2	A	14.9	56.7	65	4.5	
	KB3	XL	AAD1	A	2.1	7.9	125	8.6
BAD1			B	2.1	7.9	125	8.6	
AAE2			A	4.7	18	125	8.6	
BAE2			B	4.7	18	125	8.6	
AAG2			A	18.9	72	110	7.6	
BAG2			B	18.9	72	110	7.6	
AAK1			A	33.2	126	125	8.6	
BAK1			B	33.2	126	125	8.6	
AAKL			A	33.2	126	30	2.1	
BAKL			B	33.2	126	30	2.1	
CR			ABK1	A	28.4	108	50	3.4
PT			ACG1	A	10.1	38.4	65	4.5
		ACG2	A	18.2	69	65	4.5	
		ACK1	A	28.4	108	65	4.5	

	MATERIAL	PART #	CONNECTOR	GPH	L/H	PSI	BAR
KB4	XL	AAH1	A	28.4	108	125	8.6
		BAH1	B	28.4	108	125	8.6
		AAH2	A	53.7	204	100	6.9
		BAH2	B	53.7	204	100	6.9
		AAL1	A	99.5	378	50	3.4
		BAL1	B	99.5	378	50	3.4
		AAP1	A	157.9	600	30	2.1
		BAP1	B	157.9	600	30	2.1
		CR	ABK1	A	53.7	204	30
	BBK1		B	53.7	204	30	2.1
	ABK2		A	125.5	477	30	2.1
	BBK2		B	125.5	477	30	2.1
	PT	ACH1	A	39.5	150	65	4.5
		BCH1	B	39.5	150	65	4.5
		ACK1	A	55.3	210	65	4.5
		BCK1	B	55.3	210	65	4.5
		ACK2	A	99.5	378	65	4.5
		BCK2	B	99.5	378	65	4.5

Flow rates shown are at maximum pump speed (125 rpm).  
For best tube life, select a large tube and run the pump slowly.

### TUBE ASSEMBLY CODE EXPLANATION



**Albin XL - Extended Life** tubing has excellent acid and alkali resistance, and is compatible with numerous oxidizing agents such as sodium hypochlorite. Albin XL is best for fatigue life and is the longest-lasting tube in compatible applications. Min/max temperature: 0-80°C (32-176°F).

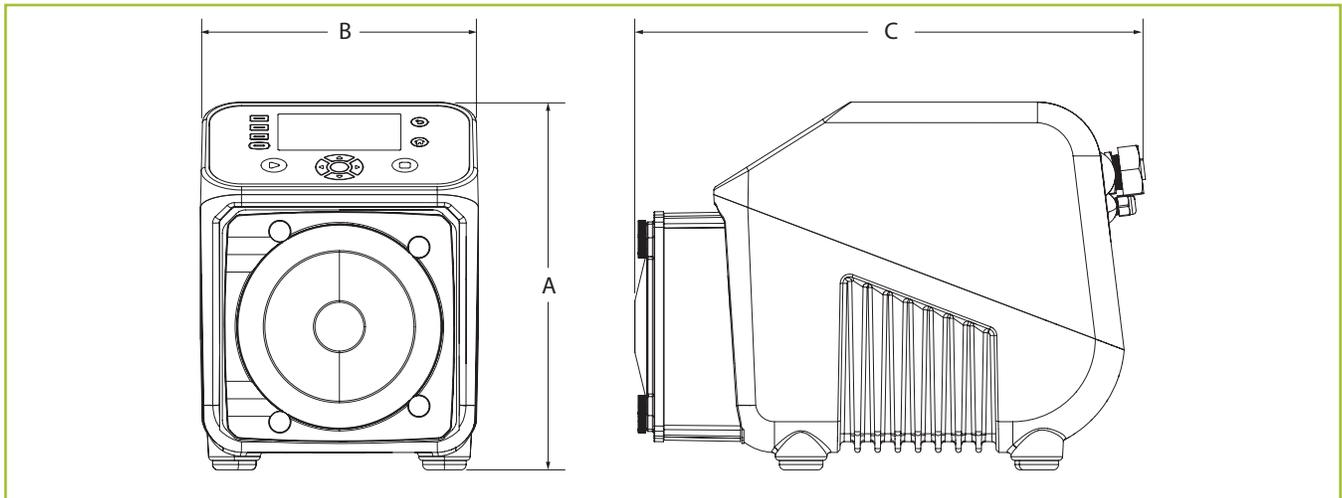
**Albin CR - Chemical Resistant** is suited for handling strong acids and bases, and is virtually unaffected by most commercial sanitizers & cleaners. Min/max temperature: 0-54°C (32-130°F).

**Albin PT - Petro-Tough** can be used with fats and oils, lubricants, and some solvents. Min/max temperature: 0-54°C (32-130°F).



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## Data Sheet



### DIMENSIONS

mm (Inch)

DIMENSION	KB2	KB3	KB4
A	246 (10.4)	246 (10.4)	363 (14.3)
B	206 (8.125)	206 (8.125)	308 (12.125)
C	361 (14.2)	361 (14.2)	455 (17.9)
Weight kg (lb)	13 (28)	13 (28)	21 (46)

### MATERIALS OF CONSTRUCTION

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ENCLOSURE	POWDER COATED ALUMINUM
PUMP HEAD	PBT THERMOPLASTIC
COVER	POLYCARBONATE
ROTOR	PBT THERMOPLASTIC
ROLLERS	NYLON
ROLLER BEARINGS	316SS
ROLLER SHAFT	316SS
MOTOR SHAFT	CHROME STEEL
COVER SCREWS	PLASTIC/316SS

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