



BLUFFTON MOTOR WORKS

Pool & Spa Motors

Proudly Made in the USA with Quality You Can Trust

- Specifically designed for pool and spa pump operation
- Two-Speed (3450 or 1725 RPM), 60 Hz, single- or three-phase operation
- Long lasting design outperforms any other motor on the market.



■ TOP QUALITY, RELIABLE PRODUCTS ■ ON TIME, EVERY TIME ■ RETURN-ON-INVESTMENT

AmeriBlue™ Pool and Spa Motors.

Designed and Built to Last Longer

Vibration Free Operation Only AmeriBlue pool and spa motors have aluminum die cast rotors that are dynamically balanced for vibration free operation

Premium Features

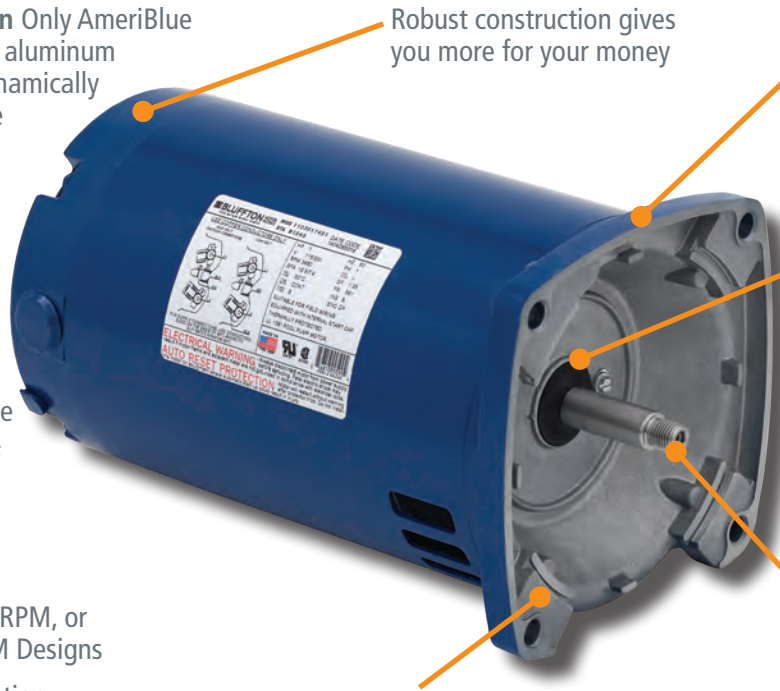
- Back End Ground Lug for Easier Installation
- 1081 Design (UL approved)
- CEC Title 20 Compliance
- NEMA Open Drip Proof Construction
- Single- or Three-Phase, 60 Hz Operation
- Two-Speed 3450/1725 RPM, or Single-Speed 3450 RPM Designs
- Continuous Duty Operation
- Thermally Protected
- Double Sealed Ball Bearings for Long Life
- Replaces Popular Residential and Commercial Pump Motors
- Standard and High Efficiency Designs Available

Robust construction gives you more for your money

Painted Endbells Unlike other motors, AmeriBlue C-face and square flanges are painted to prevent corrosion

Ultimate Double Seal System Prevents leaking pumps from damaging motors. It allows water to drain away from the motor's front bearing to prolong bearing life

Corrosion Resistant Threaded or Keyed Shafts Premium 303 Stainless Steel



Square Flange or C-Face Pump Mounting



Proudly Made in Bluffton, Indiana USA

- **Built Durable** Proven motor designs manufactured by true craftsmen.
- **Economical** Built-in features for long service life.
- **Warranty** We stand by our motors with an 18 month warranty from date of installation, and 24 month warranty from date of manufacture.

Pool Motor Cross-Reference

Ask your AmeriBlue dealer about our premium line of spa motors.

SQUARE FLANGE POOL PUMP MOTOR CROSS-REFERENCE

HP	Volts	SF	Shaft Type	AmeriBlue	Dyna-Tech	Dyna-Tech Switchless	Century	Century Centurion PRO	Century Switchless	US Motors	US Motors Switchless
FULL RATED/HIGH SERVICE FACTOR - SINGLE SPEED - SINGLE PHASE - 60HZ											
½	115/230	1.90	Thread	B1304	C1304	RB102	SQ1052	HSQ095	B2846	ESQ1052	EB846
¾	115/230	1.65	Thread	B1305	C1305	RB103	SQ1072	HSQ125	B2847	ESQ1072	EB847
1	115/230	1.65	Thread	B1306	C1306	RB104	SQ1102	HSQ165	B2848	ESQ1102	EB848
1½	115/230	1.50	Thread	B1307	C1307	RB105			B2858	ESQ1152	EB858
2	230	1.30	Thread	B1308	C1308	RB106			B2748	ESQ1202	EB748
3	230	1.15	Thread	B1449		RB107					EB844
UP RATED/LOW SERVICE FACTOR - SINGLE SPEED - SINGLE PHASE - 60HZ											
½	115/230	1.3	Thread	B1243	C1243	RB111	USQ1052			EUSQ1052	
¾	115/230	1.27	Thread	B1244	C1244	RB112	USQ1072	HSQ095	B2852	EUSQ1072	EB852
1	115/230	1.25	Thread	B1245	C1245	RB113	USQ1102	HSQ125	B2853	EUSQ1102	EB853
1½	115/230	1.1	Thread	B1246	C1246	RB114	USQ1152	HSQ165	B2854	EUSQ1152	EB854
2	115/230	1.1	Thread	B1247	C1247	RB115				B2859	EUSQ1202
2½	230	1.04	Thread	B1335	C1335	RB116				B2840	EUSQ1252
FULL RATED/HIGH SERVICE FACTOR - SINGLE SPEED - HIGH EFFICIENCY - SINGLE PHASE - 60HZ											
½	115/208-230	1.9	Thread	B1446	C1446	RB132	QC1052		B845	EQC1052	EB845
¾	115/208-230	1.65	Thread	B1499	C1499	RB133	QC1072		B2661	EQC1072	EB661
1	115/208-230	1.65	Thread	B1500	C1500	RB134	QC1102		B2841V1	EQC1102	EB841
1½	115/208-230	1.5	Thread	B1307	C1307	RB135	SQ1152	HSQ220	B2842		EB842
2	208-230	1.3	Thread	B1308	C1308	RB136	SQ1202	HSQ260	B2843		EB843
3	208-230	1.15	Thread	B1449	C1449	RB137	SQ1302V1		B2844		EB844
UP RATED/LOW SERVICE FACTOR - SINGLE SPEED - HIGH EFFICIENCY - SINGLE PHASE - 60HZ											
¾	115/208-230	1.27	Thread	B1800		RB142	UQC1072			EUQC1072	
1	115/208-230	1.25	Thread	B1801		RB143	UQC1102			EUQC1102	
1½	115/208-230	1.1	Thread	B1802		RB144	UQC1152			EUQC1152	
2	208-230	1.1	Thread	B1284	C1284	RB145	USQ1202	HSQ220			
2½	208-230	1	Thread	B1335	C1335	RB146	USQ1252	HSQ260			
3	208-230	1	Thread	B1445	C1445						
FULL RATED/HIGH SERVICE FACTOR - TWO SPEED - SINGLE PHASE - 60HZ											
¾	230	1.65	Thread	B1310	C1310	RB223	SQS1072R		B2980T		EB980/EB2980
1	230	1.65	Thread	B1311	C1311	RB224	SQS1102R		B2982T		EB982/EB2982
1½	230	1.5	Thread	B1312	C1312	RB225	SQS1152R		B2983T		EB983/EB2983
2	230	1.3	Thread	B1313	C1313	RB206	SQS1202R		B2984T		EB984/EB2984
SINGLE SPEED - FULL RATED - THREE PHASE											
½	208-230/460	1.95	Thread	B8012	K8012		Q3052		H491		EH491
¾	208-230/460	1.65	Thread	B8013	K8013		Q3072		H492		EH492
1	208-230/460	1.65	Thread	B8014	K8014		Q3102		H635		EH635
1½	208-230/460	1.47	Thread	B8015	K8015		Q3152		H636		EH636
2	208-230/460	1.3	Thread	B8016	K8016		Q3302		H637		EH637
3	208-230/460	1.15	Thread	B8017	K8017		Q3302V1		H755		EH755

Pool Motor Cross-Reference

Ask your AmeriBlue dealer about our premium line of spa motors.

C-FACE POOL PUMP MOTOR CROSS-REFERENCE

HP	Volts	SF	Shaft Type	AmeriBlue	Dyna-Tech	Dyna-Tech Switchless	Century	Century Centurion PRO	Century Switchless	US Motors	US Motors Switchless
FULL RATED/HIGH SERVICE FACTOR - SINGLE SPEED - SINGLE PHASE - 60HZ											
½	115/230	1.6	Key	B1093	C1093	RB302	SK1052			B120	
½	115/230	1.6	Thread	B1098	C1098	RB502	ST1052	HST080		B126	EST1052
¾	115/230	1.5	Key	B1094	C1094	RB303	SK1072			B121	
¾	115/230	1.5	Thread	B1099	C1099	RB503	ST1072	HST110		B127	EST1072
1	115/230	1.5	Key	B1095	C1095	RB304	SK1102			B122	
1	115/230	1.5	Thread	B1100	C1100	RB504	ST1102	HST150		B128	EST1102
1½	115/230	1.3	Key	B1096	C1096	RB305				B123	
1½	115/230	1.3	Thread	B1101	C1101	RB505				B129	EST1152
2	230	1.2	Key	B1097	C1097	RB306				B124	
2	230	1.2	Thread	B1102	C1102	RB506				B130	EST1202
3	230	1.15	Key	B1439	C1439	RB307				B125	
3	230	1.15	Thread	B1440	C1440	RB507				B131	
UP RATED/LOW SERVICE FACTOR - SINGLE SPEED - SINGLE PHASE - 60HZ											
¾	115/230	1	Thread	B1321	C1321	RB512	UST1072	HST080		B227SE	EUST1072
1	115/230	1	Thread	B1318	C1318	RB513	UST1102	HST110		B228SE	EUST1102
1½	115/230	1	Thread	B1319	C1319	RB514	UST1152	HST150		B229SE	EUST1152
2	115/230	1	Thread	B1320	C1320	RB515	UST1202	HST225		B230SE	EUST1202
2½	230	1	Thread	B1149	C1149	RB516	UST1252	HST275		B231SE	EUST1252
FULL RATED/HIGH SERVICE FACTOR - SINGLE SPEED - HIGH EFFICIENCY - SINGLE PHASE - 60HZ											
½	115/208-230	1.6	Key	B1485	C1485	RB332	CK1052			B656	
½	115/208-230	1.6	Thread	B1486	C1486	RB532	CT1052			B657	ECT1052
¾	115/208-230	1.5	Key	B1436	C1436	RB333	CK1072				
¾	115/208-230	1.5	Thread	B1437	C1437	RB533	CT1072			B638	ECT1072
1	115/208-230	1.5	Key	B1487	C1487	RB334	CK1102			B653	
1	115/208-230	1.5	Thread	B1488	C1488	RB534	CT1102			B654	ECT1102
1½	115/208-230	1.3	Key	B1096	C1096	RB335	SK1152			B795	
1½	115/208-230	1.3	Thread	B1101	C1101	RB535	ST1152	HST225		B796	
2	208-230	1.2	Key	B1097	C1097	RB336	SK1202			B808	
2	208-230	1.2	Thread	B1102	C1102	RB536	ST1202	HST275		B809	
3	208-230	1.15	Key	B1439	C1439	RB337	SK1302V1			B817	
3	208-230	1.15	Thread	B1440	C1440	RB537	ST1302V1			B818	
FULL RATED/HIGH SERVICE FACTOR - TWO SPEED - SINGLE PHASE - 60HZ											
¾	230	1.5	Key	B1105	C1105	RB423					EB972H
¾	230	1.5	Thread	B1110	C1110	RB623	STS1072RV1				EB973H/ EB2973H
1	230	1.4	Key	B1106	C1106	RB424				B974	EB974
1	230	1.4	Thread	B1111	C1111	RB624	STS1102RV1			B2975/B2975T	EB975
1½	230	1.3	Key	B1107	C1107	RB425				B976	EB976
1½	230	1.3	Thread	B1112	C1112	RB625	STS1152R			B2977/B2977T	EB977
2	230	1.2	Key	B1442	C1442	RB406				B978	EB978
2	230	1.2	Thread	B1443	C1443	RB606				B2979/B2979T	EB979
POOL CLEANER (56CZ FR) - Polaris / Zodiac											
¾	115/230	1.5	Thread	B1502	C1502			B625			EB625



BLUFFTON MOTOR WORKS

Bluffton® Motors

56, 48 and 36 frame motors
Washdown motors
Custom-designed motors
Explosion-proof motors

Toledo™ Gearmotor

Right angle and parallel shaft speed reducers and gearmotors

RAE™ DC Products

Brushed DC motors and gearmotors
Brushed and brushless DC controls
Mechanical phase shifters

Component Products

Steel lamination stampings
Shaft manufacturing
Custom gearing

Services

Application & design assistance
Performance testing
Engineered samples
Assistance in agency certification process
Inventory management/plant audits
Repair services

Typical Applications

Air handling fans & blowers
Bottling
Car wash
Commercial ovens & dishwashers
Compressors
Conveyors
Cranes & lifts
Dental & medical devices
Elevators
Food processing
Fuel and chemical processes
Gate & door operators
Grain handling & drying
Grinding
HVAC
Laundry
Medical
Office equipment
Packaging & material handling
Paint shakers & mixers
Pumps
Recreational
Refrigeration
Woodworking equipment

- Top quality, reliable products
- On time, every time
- Return-on-investment

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Made in
the U.S.A.

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