BERKELEY® B5WP Bronze Impeller

Flanged Case, Packing Construction

800A

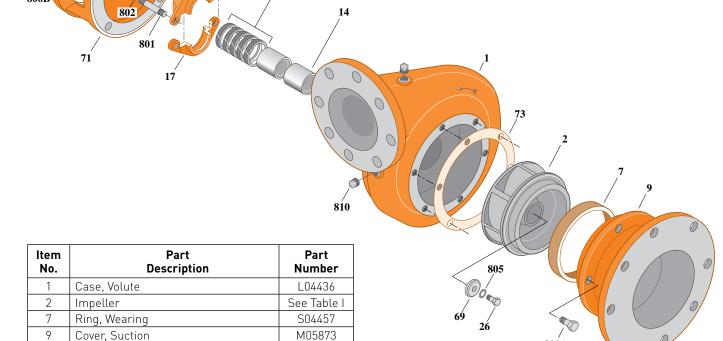
13

FLECTRIC MOTOR DRIVE

Section	CC
Page	330.1
Date	March 4, 2013
Superse	des 06/01/95

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B51920	5	1	1800	7/8"	6.00"	M08167
B51922	5	3	1800	7/8"	6.00"	M08167
B51921	7.5	1	1800	7/8"	6.75"	M08168
B51923	7.5	3	1800	7/8"	6.75"	M08168
B51924	10	3	1800	7/8"	7.00"	M00445



S14109

S00619

S00393

S23566

S34383

S06314

See Table II

S01559

S26826

S26914

S04440

S23343

S23036

S23715

S23717

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
5	1	M00631	8-1/2"	7/8"	213TC
5	3	M00631	8-1/2"	7/8"	184TC
7.5	1	M00631	8-1/2"	7/8"	215TC
7.5	3	M00631	8-1/2"	7/8"	213TC
10	3	M00631	8-1/2"	7/8"	215TC

NOTE: For an explanation of the tabulated material found on this page and for impeller key location, refer to **Supplement A** located at the beginning of this section.



13

14 17

26

32

69

71

73

800A

800B

801

802

805

810A

Rings, Packing (Set of 5)

Screw, Impeller 3/8 - 16 x 1"

Key, 3/16 x 1-1/4" (See Note)

Capscrew, 3/8 - 16 x 1" (10 Req.)

Stud, 3/8 - 16 x 3-1/4" (2 Req.)

Nut, Hex 3/8 - 16 (2 Req.)

Plug, Pipe 1/4 NPT (4 Req.)

Capscrew, 1/2 - 13 x 1-1/4" (4 Req.)

Plug, Pipe 1/2 NPT (Not Illustrated)

Sleeve, Shaft (2 Req.)

Gland, Packing

Washer, Impeller

Washer, Lock

(On Suction Cover)

Gasket, Suction Cover

Bracket

BERKELEY® B5WPS

800A

Bronze Impeller

Flanged Case, Mechanical Shaft Seal Construction

ELECTRIC MOTOR DRIVE

Section		CC
Page	330).2
Date	March 4, 20	13
	Supersedes 06/01/95	

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B62577	5	1	1800	7/8"	6.00"	M08167
B68315	5	3	1800	7/8"	6.00"	M08167
B62579	7.5	1	1800	7/8"	6.75"	M08168
B62580	7.5	3	1800	7/8"	6.75"	M08168
B68316	10	1	1800	7/8"	7.00"	M00445
B62581	10	3	1800	7/8"	7.00"	M00445



S24129

S20677

S23717

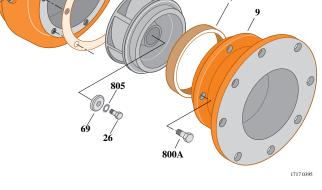


Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
5	1	M00631	8-1/2"	7/8"	213TC
5	3	M00631	8-1/2"	7/8"	184TC
7.5	1	M00631	8-1/2"	7/8"	215TC
7.5	3	M00631	8-1/2"	7/8"	213TC
10	1	M00631	8-1/2"	7/8"	215TC
10	3	M00631	8-1/2"	7/8"	215TC

NOTE: For an explanation of the tabulated material found on this page and for impeller key location, refer to **Supplement A** located at the beginning of this section.



821

822

Elbow, Tubing

Tubing, Copper

Cover) (Not Illustrated)

Plug, Pipe 1/2 NPT (On Suction

BERKELEY® B5WP Silicon Bronze Impeller

13

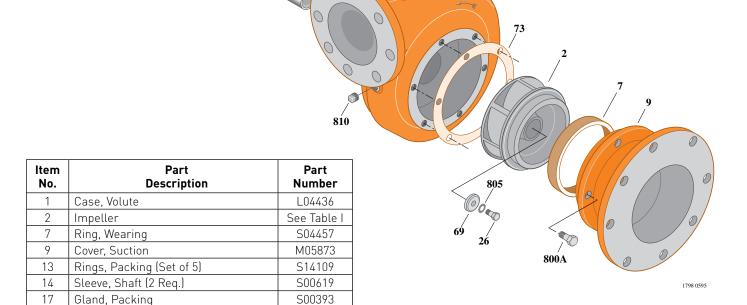
Flanged Case, Packing Construction

ELECTRIC MOTOR DRIVE

Section	CC
Page	330.3
Date	March 4, 2013
	Supersedes 09/01/95

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B51920S	5	1	1800	7/8"	6.00"	H05497
B51922S	5	3	1800	7/8"	6.00"	H05497
B51921S	7.5	1	1800	7/8"	6.75"	H05498
B51923S	7.5	3	1800	7/8"	6.75"	H05498
B51924S	10	3	1800	7/8"	7.00"	H05499



S23566

S34383

S06314

See Table II

S01559

S26826

S26914

S04440

S23343

S23036

S23715

S23717

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
5	1	M00631	8-1/2"	7/8"	213TC
5	3	M00631	8-1/2"	7/8"	184TC
7.5	1	M00631	8-1/2"	7/8"	215TC
7.5	3	M00631	8-1/2"	7/8"	213TC
10	3	M00631	8-1/2"	7/8"	215TC

NOTE: For an explanation of the tabulated material found on this page and for impeller key location, refer to **Supplement A** located at the beginning of this section.



26

32

69

71

73

800A

800B

802

805

810A

Screw, Impeller 3/8 - 16 x 1"

Key, 3/16 x 1-1/4" (See Note)

Capscrew, 3/8 - 16 x 1" (10 Req.)

Stud, 3/8 - 16 x 3-1/4" (2 Req.)

Nut, Hex 3/8 - 16 (2 Req.)

Plug, Pipe 1/4 NPT (4 Req.)

Capscrew, 1/2 - 13 x 1-1/4" (4 Req.)

Plug, Pipe 1/2 NPT (Not Illustrated)

Washer, Impeller

Washer, Lock

(On Suction Cover)

Gasket, Suction Cover

Bracket

BERKELEY® B5WPS Silicon Bronze Impeller

800A

801

Washer, Lock

Washer, Lock

Elbow, Tubing

Tubing, Copper

Gasket, Suction Cover

Seal, Mechanical Shaft

Stud, 3/8-16x3" (4 Req.)

Nut, Hex 3/8-16 (4 Req.)

Plug, Pipe 1/4 NPT (5 Req.)

Plug, Pipe 1/2 NPT (On Suction

Connector, Comp. Fitting

Cover) (Not Illustrated)

Capscrew, 3/8-16x1" (10 Req.)

Capscrew, 1/2-13x1-1/4" (4 Req.)

Bracket

0-Ring

71

73

89

119

800A

800B

801

802

805

810

820 821

822

Flanged Case, Mechanical Shaft Seal Construction

119

FLECTRIC MOTOR DRIVE

Section	CC
Page	330.4
Date	March 4, 2013
	Supersedes 09/01/95

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B62577S	5	1	1800	7/8"	6.00"	H05497
B68315S	5	3	1800	7/8"	6.00"	H05497
B62579S	7.5	1	1800	7/8"	6.75"	H05498
B62580S	7.5	3	1800	7/8"	6.75"	H05498
B68316S	10	1	1800	7/8"	7.00"	H05499
B62581S	10	3	1800	7/8"	7 00"	H05499

		810
Item No.	Part Description	Part Number
1	Case, Volute	L05185
2	Impeller	See Table I
7	Ring, Wearing	S04457
9	Cover, Suction	M05873
11	Retainer, Seal	S02294
14	Sleeve, Shaft (2 Req.)	S00619
26	Screw, Impeller 3/8-16x1"	S23566
32	Key 3/16x1-1/4" (See Note)	534383

S06314

See Table II

S01559 S32013

S14804

S26826

S26914

S04439

S23343

S23036

S23715

S24013

S24129

S20677

S23717

_			
า	n	\mathbf{I}	

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
5	1	M00631	8-1/2"	7/8"	213TC
5	3	M00631	8-1/2"	7/8"	184TC
7.5	1	M00631	8-1/2"	7/8"	215TC
7.5	3	M00631	8-1/2"	7/8"	213TC
10	1	M00631	8-1/2"	7/8"	215TC
10	3	M00631	8-1/2"	7/8"	215TC

NOTE: For an explanation of the tabulated material found on this page and for impeller key location, refer to **Supplement A** located at the beginning of this section.



293 WRIGHT STREET, DELAVAN, WI 53115 WWW.berkeleypumps.COM PH: 888-237-5353 ORDERS FAX: 800-321-8793

Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.

BERKELEY® B5WP Silicon Bronze Impeller

Flanged Case, Packing Construction

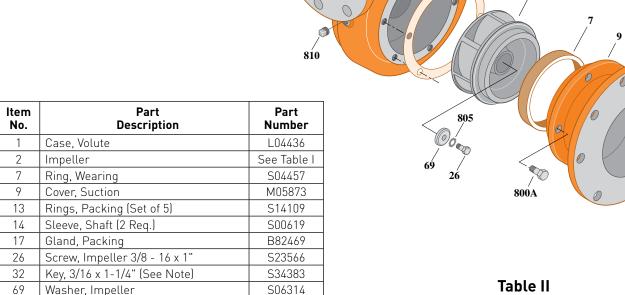
800A

FLECTRIC MOTOR DRIVE

Section		CC
Page		330.5
Date		March 4, 2013
	Supersed	les 01/01/04

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B51920S	5	1	1800	7/8"	6.00"	H05497
B51922S	5	3	1800	7/8"	6.00"	H05497
B51921S	7.5	1	1800	7/8"	6.75"	H05498
B51923S	7.5	3	1800	7/8"	6.75"	H05498
B51924S	10	3	1800	7/8"	7.00"	H05499



See Table II

S01559

S26826

S26914

S04440

S23343 S23036

S23715

S23717

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
5	1	M00631	8-1/2"	7/8"	213TC
5	3	M00631	8-1/2"	7/8"	184TC
7.5	1	M00631	8-1/2"	7/8"	215TC
7.5	3	M00631	8-1/2"	7/8"	213TC
10	3	M00631	8-1/2"	7/8"	215TC

NOTE: For an explanation of the tabulated material found on this page and for impeller key location, refer to Supplement A located at the beginning of this section.

• Not illustrated.

71

73

800B

801

802

805

810

Bracket

Gasket, Suction Cover

Capscrew, 3/8 - 16 x 1" (10 Req.)

Stud, 3/8 - 16 x 3-1/4" (2 Req.)

Nut, Hex 3/8 - 16 (2 Req.)

Plug, Pipe 1/4" NPT (4 Req.)

Washer, Lock

Capscrew, 1/2 - 13 x 1-1/4" (4 Req.)

Plug, Pipe 1/2" NPT (Suction Cover)



Table I

BERKELEY® B5WPS Silicon Bronze Impeller

Flanged Case, Mechanical Shaft Seal Construction

FLECTRIC MOTOR DRIVE

Section		CC
Page		330.6
Date		March 4, 2013
	Superse	des 01/01/04

800A RPM "U" Dim. B/M No. HP РΗ Imp. Dia. Imp. No. B62577S 5 H05497 1800 7/8 6.00' 5 3 7/8' 6.00' H05497 B68315S 1800 B62579S 7.5 1800 7/8" 6.75' H05498 1 B62580S 7.5 3 1800 7/8' 6.75' H05498 B68316S 10 1800 7/8" 7.00" H05499 119 B62581S 1800 7/8" 7.00" H05499

Item No. Part Description Part Number 1 Case, Volute L05185 2 Impeller See Table I 7 Ring, Wearing S04457 9 Cover, Suction M05873 11 Retainer, Seal S02294 14 Sleeve, Shaft [2 Req.] S00619 26 Screw, Impeller 3/8-16x1" \$23566 32 Key, 3/16x1-1/4" (See Note) \$34383 69 Washer, Lock \$06314 71 Bracket See Table II			810	A Q
2 Impeller See Table I 7 Ring, Wearing S04457 9 Cover, Suction M05873 11 Retainer, Seal S02294 14 Sleeve, Shaft [2 Req.] S00619 26 Screw, Impeller 3/8-16x1" S23566 32 Key, 3/16x1-1/4" (See Note) S34383 69 Washer, Lock S06314			1 1	
7 Ring, Wearing S04457 9 Cover, Suction M05873 11 Retainer, Seal S02294 14 Sleeve, Shaft [2 Req.] S00619 26 Screw, Impeller 3/8-16x1" S23566 32 Key, 3/16x1-1/4" (See Note) S34383 69 Washer, Lock S06314	1	Case, Volute	L05185	809
9 Cover, Suction M05873 11 Retainer, Seal S02294 14 Sleeve, Shaft [2 Req.] S00619 26 Screw, Impeller 3/8-16x1" S23566 32 Key, 3/16x1-1/4" [See Note] S34383 69 Washer, Lock S06314	2	Impeller	See Table I	
11 Retainer, Seal S02294 14 Sleeve, Shaft [2 Req.] S00619 26 Screw, Impeller 3/8-16x1" S23566 32 Key, 3/16x1-1/4" (See Note) S34383 69 Washer, Lock S06314	7	Ring, Wearing	S04457	
11 Retainer, Seal \$02294 14 Sleeve, Shaft [2 Req.] \$00619 26 Screw, Impeller 3/8-16x1" \$23566 32 Key, 3/16x1-1/4" [See Note] \$34383 69 Washer, Lock \$06314	9	Cover, Suction	M05873	
26 Screw, Impeller 3/8-16x1" \$23566 32 Key, 3/16x1-1/4" (See Note) \$34383 69 Washer, Lock \$506314	11	Retainer, Seal	S02294	20
32 Key, 3/16x1-1/4" (See Note) S34383 69 Washer, Lock S06314	14	Sleeve, Shaft (2 Req.)	S00619	
69 Washer, Lock S06314	26	Screw, Impeller 3/8-16x1"	S23566	
	32	Key, 3/16x1-1/4" (See Note)	S34383	
71 Bracket See Table II	69	Washer, Lock	S06314	
	71	Bracket	See Table II	

S01559

S32013

S14804

S26826

S26914

S04439

S23343

S23036

S23715

S23717

S23714

•	Not	ıllu	stra	ted

89

119

800A

800B

801

802

805

810

_			
т.	-	_	
12	m	16	

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
5	1	M00631	8-1/2"	7/8"	213TC
5	3	M00631	8-1/2"	7/8"	184TC
7.5	1	M00631	8-1/2"	7/8"	215TC
7.5	3	M00631	8-1/2"	7/8"	213TC
10	1	M00631	8-1/2"	7/8"	215TC
10	3	M00631	8-1/2"	7/8"	215TC

NOTE 1: For an explanation of the tabulated material found on this page and for impeller key location, refer to Supplement A located at the beginning of this section.

NOTE 2: For seal flush line details, see Supplement D.



Gasket, Suction Cover

Seal, Mechanical Shaft

Stud, 3/8-16x3" (4 Req.)

Nut, Hex 3/8-16 (4 Req.)

Plug, Pipe 1/4" NPT (4 Req.)

Plug, Pipe 1/8" NPT (Volute)

Plug, Pipe 1/2" NPT (Suction Cover)

Washer, Lock

Capscrew, 3/8-16x1" (10 Req.)

Capscrew, 1/2-13x1-1/4" (4 Req.)

0-Ring

1717 0395