BERKELEY® B6JPBM Cast Iron Impeller

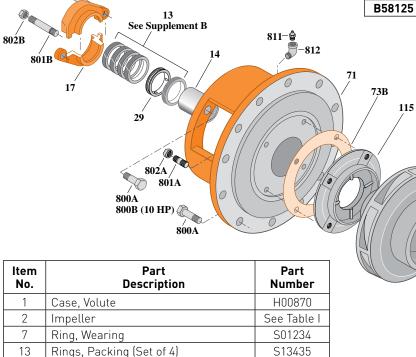
Flanged Case, Packing Construction

ELECTRIC MOTOR DRIVE

Section	CC			
Page	380.1			
Date	March 4, 2013			
Supersedes 01/01/04				

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B56757	10	3	1200	1-1/4"	10.94"	L06196
B58124	15	3	1200	1-1/4"	12.31"	L06199
B58125	20	3	1200	1-1/4"	13.50"	L05816



Item No.	Part Description	Part Number
1	Case, Volute	H00870
2	Impeller	See Table I
7	Ring, Wearing	S01234
13	Rings, Packing (Set of 4)	S13435
14	Sleeve, Shaft	S05149
17	Gland, Packing	B82470
26	Screw, Impeller 1/2 - 13 x 1-1/2"	S23623
29	Ring, Lantern	S19200
32	Key, 1/4 x 2-1/4" (See Note)	S23677
40	Deflector	S18117
71	Bracket	See Table II
73A	Gasket, Volute	S06271
73B	Gasket, Balance Ring	S09943
115	Ring, Balance	S12315
800A	Capscrew, 5/8 - 11 x 1-1/2" (12 Req.)	S26999
800B	Capscrew, 1/2 - 13 x 1-1/2" (4 Req.)	S26916
801A	Stud, 3/8 - 16 x 1-3/4" (4 Req.)	S23996
801B	Stud, 3/8 - 16 x 2-1/2" (2 Req.)	S04438
802A	Nut, Hex 3/8 - 16 (4 Req.)	S23103
802B	Nut, Hex 3/8 - 16 (2 Req.)	S23343
805	Washer, Lock	S23038
810	Plug, Pipe 1/2 NPT (4 Req.)	S23717
811	Fitting, Grease	S23700
812	Elbow, Street	S25421

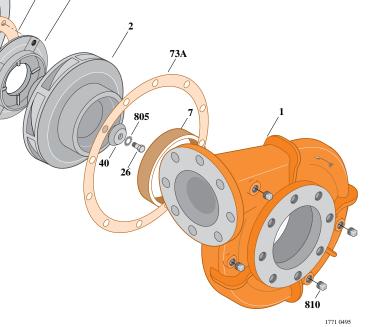


Table II

j	HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
	10	3	H02384	8-1/2"	1-1/4"	256JP
	15	3	H01601	12-1/2"	1-1/4"	284JP
	20	3	H01601	12-1/2"	1-1/4"	286JP



BERKELEY® B6JPBM Cast Iron Impeller

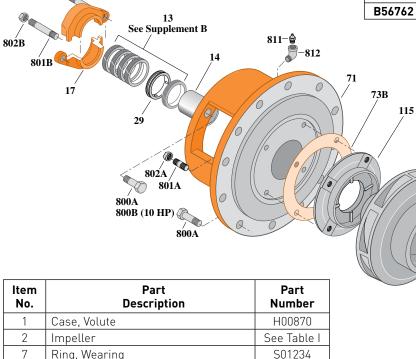
Flanged Case, Packing Construction

ELECTRIC MOTOR DRIVE

Section	CC		
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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B58126	30	3	1800	1-1/4"	10.44"	L06200
B56761	40	3	1800	1-1/4"	11.44"	L06197
B56762	50	3	1800	1-1/4"	12.18"	L06198



Item No.	Part Description	Part Number
1	Case, Volute	H00870
2	Impeller	See Table I
7	Ring, Wearing	S01234
13	Rings, Packing (Set of 4)	S13435
14	Sleeve, Shaft	S05149
17	Gland, Packing	B82470
26	Screw, Impeller 1/2 - 13 x 1-1/2"	S23623
29	Ring, Lantern	S19200
32	Key, 1/4 x 2-1/4" (See Note)	S23677
40	Deflector	S18117
71	Bracket	See Table II
73A	Gasket, Volute	S06271
73B	Gasket, Balance Ring	S09943
115	Ring, Balance	S12315
800	Capscrew, 5/8 - 11 x 1-1/2" (16 Req.)	S26999
801A	Stud, 3/8 - 16 x 1-3/4" (4 Req.)	S23996
801B	Stud, 3/8 - 16 x 2-1/2" (2 Req.)	S04438
802A	Nut, Hex 3/8 - 16 (4 Req.)	S23103
802B	Nut, Hex 3/8 - 16 (2 Req.)	S23343
805	Washer, Lock	S23038
811	Fitting, Grease	S23700
810	Plug, Pipe 1/2 NPT (4 Req.)	S23717
812	Elbow, Street	S25421

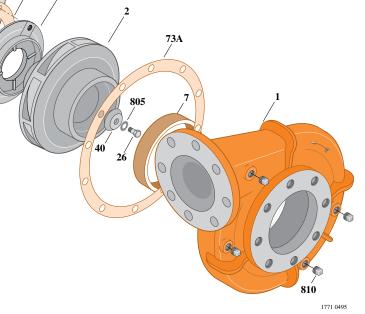


Table II

	HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
	30	3	H01601	12-1/2"	1-1/4"	286JP
ſ	40	3	H01601	12-1/2"	1-1/4"	324JP
	50	3	H01601	12-1/2"	1-1/4"	326JP



BERKELEY® B6JPBM Cast Iron Impeller

13 See Supplement B

800A

Part

Description

\$−811

Part

S01234

S13437

S07073

B82471

S32712

S23629

S19198

S23940

S19864

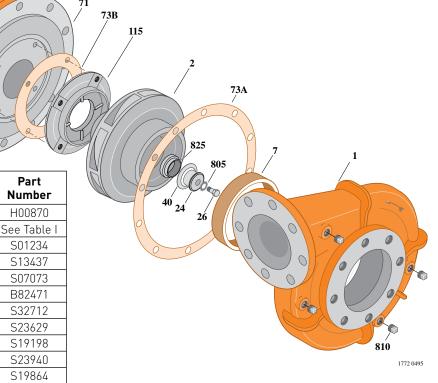
Flanged Case, Packing Construction

FLECTRIC MOTOR DRIVE

Section	CC				
Page	380.3				
Date	March 4, 2013				
Supersedes 02/02/07					

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B58127	60	3	1800	1-5/8"	12.75"	L06201
B58128	75	3	1800	1-5/8"	13.50"	L05797



Tabl	e II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
60	3	H03622	12-1/2"	1-5/8"	364JP
75	3	H03622	12-1/2"	1-5/8"	365JP

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.





Item

No.

13

14

17

24

26

32

40

Case, Volute

Ring, Wearing

Sleeve, Shaft

Gland, Packing

Ring, Lantern

Deflector

Locknut, Impeller

Rings, Packing (Set of 4)

Screw, Impeller 1/2 - 13 x 2-1/2"

Key, 3/8 x 2-1/4" (See Note)

Impeller

BERKELEY® B6JPBMS Cast Iron Impeller

Flanged Case, Mechanical Shaft Seal Construction

801

73B

FLECTRIC MOTOR DRIVE

Section		CC
Page		380.4
Date		March 4, 2013
	Supersed	es 01/01/04

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B56765	10	3	1200	1-1/4"	10.94"	L06196
B56766	15	3	1200	1-1/4"	12.31"	L06199
B56767	20	3	1200	1-1/4"	13.50"	L05816



S26999

S26916

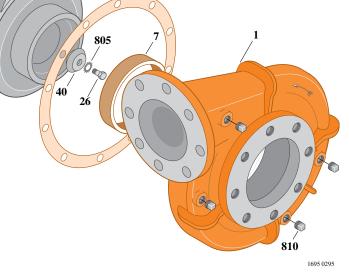
S23995

S23103

S23038

S23717

S16767



73A

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
10	3	H03300	8-1/2"	1-1/4"	256JM
15	3	H03301	12-1/2"	1-1/4"	284JM
20	3	H03301	12-1/2"	1-1/4"	286JM

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.



800A

800B

801

802

805

810

815

800A

800A

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Capscrew, 5/8 - 11 x 1-1/2"

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

Plug, Pipe 1/2 NPT (4 Reg.)

(8-1/2 AK Only)

Washer, Lock

Ring, Retaining

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

(12 Req.-8-1/2 AK; 16 Req.-12-1/2 AK) Capscrew, 1/2 - 13 x 1-1/2" (4 Req.)

BERKELEY® B6JPBMS Cast Iron Impeller

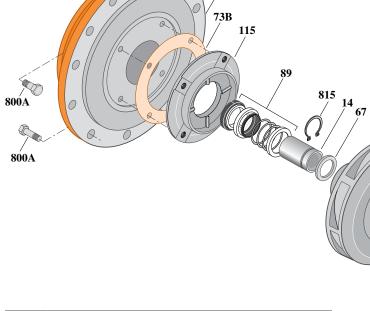
Flanged Case, Mechanical Shaft Seal Construction

ELECTRIC MOTOR DRIVE

Section	CC
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	Supersedes 01/01/04

Table I

	B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
	B56768	30	3	1800	1-1/4"	10.44"	L06200
ſ	B56769	40	3	1800	1-1/4"	11.44"	L06197
Ī	B56770	50	3	1800	1-1/4"	12.18"	L06198



Item No.	Part Description	Part Number
1	Case, Volute	H00870
2	Impeller	See Table I
7	Ring, Wearing	S01234
14	Sleeve, Shaft	S18869
26	Screw, Impeller 1/2 - 13 x 1-1/2"	S23623
32	Key, 1/4 x 2-1/4" (See Note)	S23677
40	Deflector	S18117
67	Ring, Spacer	S19349
71	Bracket	See Table II
73A	Gasket, Volute Case	S06271
73B	Gasket, Balance Ring	S09943
89	Seal, Mechanical Shaft	S32015
115	Ring, Balance	S19105
800A	Capscrew, 5/8 - 11 x 1-1/2" (16 Req.)	S26999
801	Stud, 3/8 - 16 x 1-1/2" (4 Req.)	S23995
802	Nut, 3/8 - 16 (4 Req.)	S23103
805	Washer, Lock	S23038
810	Plug, Pipe 1/2 NPT (4 Req.)	S23717
815	Ring, Retaining	S16767

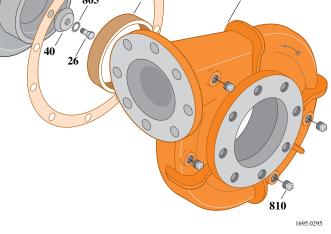


Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
30	3	H03301	12-1/2"	1-1/4"	286JM
40	3	H03301	12-1/2"	1-1/4"	324JM
50	3	H03301	12-1/2"	1-1/4"	326JM



BERKELEY® B6JPBMS Cast Iron Impeller

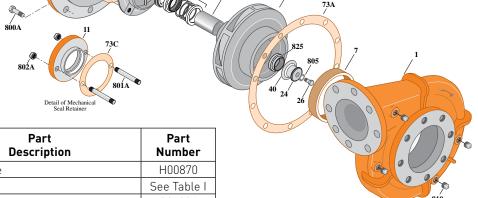
Flanged Case, Mechanical Shaft Seal Construction

ELECTRIC MOTOR DRIVE

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Date		March 4, 2013
	Superse	des 02/02/07

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B62097	60	3	1800	1-5/8"	12.75"	L06201
B08201	75	3	1800	1-5/8"	13.50"	L05797



Item No.	Part Description	Part Number
1	Case, Volute	H00870
2	Impeller	See Table I
7	Ring, Wearing	S01234
11	Retainer, Mechanical Shaft Seal	S15377
14	Sleeve, Shaft	S07073
24	Locknut, Impeller	S32712
26	Screw, Impeller 1/2 - 13 x 2-1/2"	S23629
32	Key, 3/8 x 2-1/4" (See Note)	S23940
40	Deflector	S19864
71	Bracket	See Table II
73A	Gasket, Volute Case	S06271
73B	Gasket, Balance Ring	S09943
73C	Gasket, Seal Retainer	S15078
89	Seal, Mechanical Shaft	S32016
115	Ring, Balance	S12334
800A	Capscrew, 5/8 - 11 x 1-1/2" (12 Req.)	S26999
800B	Capscrew, 5/8 - 11 x 1-3/4" (4 Req.)	S27001
801A	Stud, 3/8 - 16 x 2-1/2" (2 Req.)	S04438
802A	Nut, 3/8 - 16 (2 Req.)	S23343
801B	Stud, 3/8 - 16 x 1-3/4" (4 Req.)	S23996
802B	Nut, 3/8 - 16 (4 Req.)	S23103
805	Washer, Lock	S23038
810	Plug, Pipe 1/2 NPT (4 Req.)	S23717
820	Connector, Comp. Fitting (2 Req.)	S24013
822	Tubing, Copper	S20677
825	Sleeve, Impeller Locknut	S31661
•	Plug, Pipe 1/8 NPT (Not Illustrated)	S23714
•	Plug, Pipe 1/4 NPT (Not Illustrated)	S23715

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
60	3	H03936	12-1/2"	1-5/8"	364JP
75	3	H03936	12-1/2"	1-5/8"	365JP



BERKELEY® B6JPBM Silicon Bronze Impeller

13 See Supplement B

-811

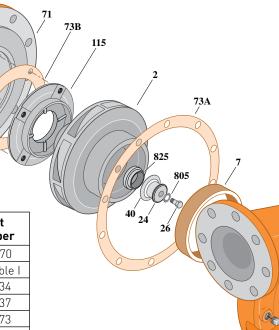
Flanged Case, Packing Construction

ELECTRIC MOTOR DRIVE

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	Supersedes 02/02/07

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B74921	60	3	1800	1-5/8"	12.75"	H05690
B74925	75	3	1800	1-5/8"	13.50"	H05691



Item	Part	Part
No.	Description	Number
1	Case, Volute	H00870
2	Impeller	See Table I
7	Ring, Wearing	S01234
13	Rings, Packing (Set of 4)	S13437
14	Sleeve, Shaft	S07073
17	Gland, Packing	B82471
24	Locknut, Impeller	S32714
26	Screw, Impeller 1/2 - 13 x 2-1/2"	S23629
29	Ring, Lantern	S19198
32	Key, 3/8 x 2-1/4" (See Note)	S23940
40	Deflector	S19864
71	Bracket	See Table II
73A	Gasket, Volute	S06271
73B	Gasket, Balance Ring	S09943
115	Ring, Balance	S12334
800A	Capscrew, 5/8 - 11 x 1-1/2" (12 Req.)	S26999
800B	Capscrew, 5/8 - 11 x 1-3/4" (4 Req.)	S27001
801A	Stud, 3/8 - 16 x 1-3/4" (4 Req.)	S23996
801B	Stud, 3/8 - 16 x 2-1/2" (2 Req.)	S04438
802A	Nut, Hex 3/8 - 16 (4 Req.)	S23103
802B	Nut, Hex 3/8 - 16 (2 Req.)	S23343
805	Washer, Lock	S23038
810	Plug, Pipe 1/2" NPT (4 Req.)	S23717
811	Fitting, Grease	S23700
825	Sleeve, Impeller Locknut	S31661

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
60	3	H03622	12-1/2"	1-5/8"	364JP
75	3	H03622	12-1/2"	1-5/8"	365JP

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.



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BERKELEY® B6JPBMS Silicon Bronze Impeller

Flanged Case, Mechanical Shaft Seal Construction

801

115

S23717

S16767

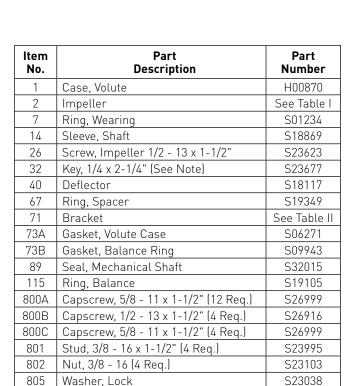
S23714

FLECTRIC MOTOR DRIVE

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	Supersede	es 01/01/04

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B74929	10	3	1200	1-1/4"	10.94"	H05684
B74933	15	3	1200	1-1/4"	12.31"	H05687
B74937	20	3	1200	1-1/4"	13.50"	H05689





810

815

800B (8-1/2 AK) 800C (12-1/2 AK)

800A

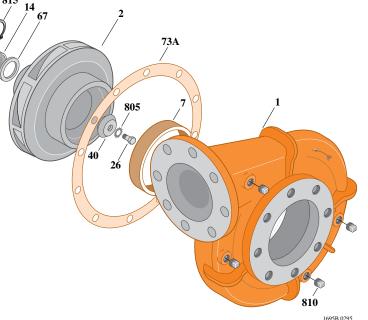


Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
10	3	H03300	8-1/2"	1-1/4"	256JM
15	3	H03301	12-1/2"	1-1/4"	284JM
20	3	H03301	12-1/2"	1-1/4"	286JM

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.



Plug, Pipe 1/2" NPT (4 Reg.)

Plug, Pipe 1/8" NPT (In Bracket)

Ring, Retaining

BERKELEY® B6JPBM Silicon Bronze Impeller

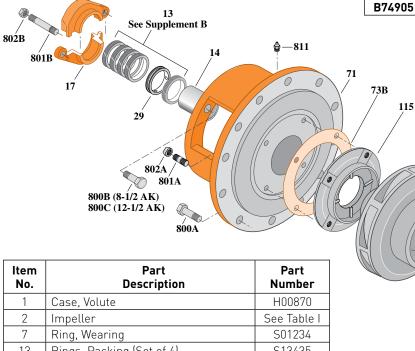
Flanged Case, Packing Construction

ELECTRIC MOTOR DRIVE

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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B74897	10	3	1200	1-1/4"	10.94"	H05684
B74901	15	3	1200	1-1/4"	12.31"	H05687
B74905	20	3	1200	1-1/4"	13.50"	H05689



Item No.	Part Description	Part Number
1	Case, Volute	H00870
2	Impeller	See Table I
7	Ring, Wearing	S01234
13	Rings, Packing (Set of 4)	S13435
14	Sleeve, Shaft	S05149
17	Gland, Packing	B82470
26	Screw, Impeller 1/2 - 13 x 1-1/2"	S23623
29	Ring, Lantern	S19200
32	Key, 1/4 x 2-1/4" (See Note)	S23677
40	Deflector	S18117
71	Bracket	See Table II
73A	Gasket, Volute	S06271
73B	Gasket, Balance Ring	S09943
115	Ring, Balance	S12315
800A	Capscrew, 5/8 - 11 x 1-1/2" (12 Req.)	S26999
800B	Capscrew, 1/2 - 13 x 1-1/2" (4 Req.)	S26916
800C	Capscrew, 5/8 - 11 x 1-1/2" (4 Req.)	S26999
801A	Stud, 3/8 - 16 x 1-3/4" (4 Req.)	S23996
801B	Stud, 3/8 - 16 x 2-1/2" (2 Req.)	S04438
802A	Nut, Hex 3/8 - 16 (4 Req.)	S23103
802B	Nut, Hex 3/8 - 16 (2 Req.)	S23343
805	Washer, Lock	S23038
810	Plug, Pipe 1/2" NPT (4 Req.)	S23717
811	Fitting, Grease	S23700

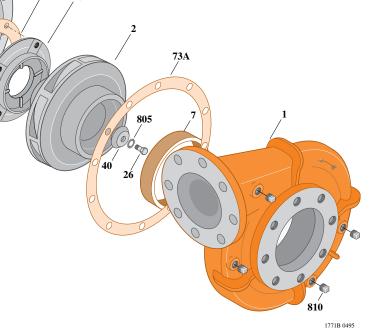


Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
10	3	H02384	8-1/2"	1-1/4"	256JP
15	3	H01601	12-1/2"	1-1/4"	284JP
20	3	H01601	12-1/2"	1-1/4"	286JP



BERKELEY® B6JPBM Silicon Bronze Impeller

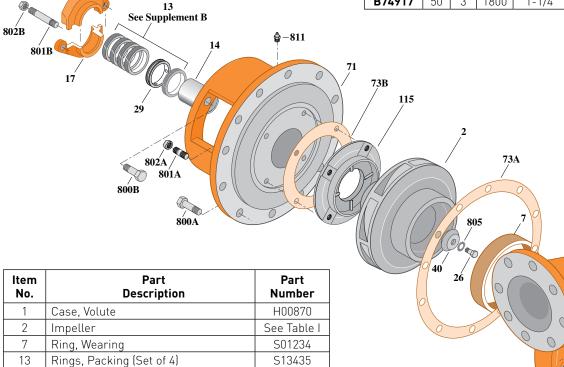
Flanged Case, Packing Construction

FLECTRIC MOTOR DRIVE

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Supersedes 01/01/04			

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B74909	30	3	1800	1-1/4"	10.44"	H05682
B74913	40	3	1800	1-1/4"	11.44"	H05685
B74917	50	3	1800	1-1/4"	12.18"	H05686



S05149

B82470

S23623

S19200

S23677

S18117

See Table II

S06271

S09943

S12315

S26999

S26999

S23996

S04438

S23103

S23343

S23038

S23717

S23700

1771A 0495

810

Table II

Н	ΙP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
3	08	3	H01601	12-1/2"	1-1/4"	286JP
4	0	3	H01601	12-1/2"	1-1/4"	324JP
5	0	3	H01601	12-1/2"	1-1/4"	326JP

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.



14

17

26

29

32

40

71

73A

73B

115

800A

800B

801A

801B

802A 802B

805

810

Sleeve, Shaft

Gland, Packing

Ring, Lantern

Gasket, Volute

Ring, Balance

Washer, Lock

Fitting, Grease

Gasket, Balance Ring

Deflector

Bracket

Screw, Impeller 1/2 - 13 x 1-1/2"

Capscrew, 5/8 - 11 x 1-1/2" [12 Req.]

Capscrew, 5/8 - 11 x 1-1/2" (4 Req.)

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

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

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

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

Plug, Pipe 1/2" NPT (4 Reg.)

Key, 1/4 x 2-1/4" (See Note)

BERKELEY® B6JPBMS Silicon Bronze Impeller

Flanged Case, Mechanical Shaft Seal Construction

73B

115

FLECTRIC MOTOR DRIVE

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

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B74941	30	3	1800	1-1/4"	10.44"	H05687
B74945	40	3	1800	1-1/4"	11.44"	H05685
B74949	50	3	1800	1-1/4"	12.18"	H05686



Capscrew, 5/8 - 11 x 1-1/2" (12 Req.)

Capscrew, 5/8 - 11 x 1-1/2" (4 Req.)

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

Plug, Pipe 1/2" NPT (4 Reg.)

Plug, Pipe 1/8" NPT (In Bracket)

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

Washer, Lock

Ring, Retaining

S26999

S26999

S23995

S23103

S23038

S23717

S16767

S23714

 Not illustrated 	
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800A

801 802

805

810

815

800B

800A

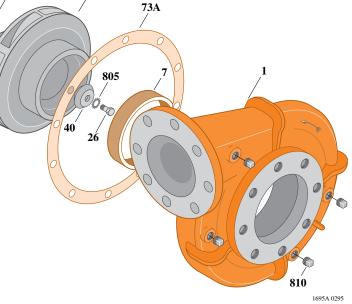


Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
30	3	H03301	12-1/2"	1-1/4"	286JM
40	3	H03301	12-1/2"	1-1/4"	324JM
50	3	H03301	12-1/2"	1-1/4"	326JM

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.



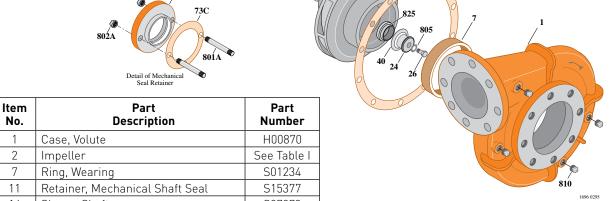
BERKELEY® B6JPBMS Silicon Bronze Impeller

Flanged Case, Mechanical Shaft Seal Construction

ELECTRIC MOTOR DRIVE

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Table I RPM "U" Dim. B/M No. HP PH Imp. Dia. Imp. No. B74953 60 3 1800 1-5/8' 12.75 H05690 75 3 1-5/8" 13.50" B74955 1800 H05691



No.	Description	Number
1	Case, Volute	H00870
2	Impeller	See Table I
7	Ring, Wearing	S01234
11	Retainer, Mechanical Shaft Seal	S15377
14	Sleeve, Shaft	S07073
24	Locknut, Impeller	S32712
26	Screw, Impeller 1/2 - 13 x 2-1/2"	S23629
32	Key, 3/8 x 2-1/4" (See Note)	S23940
40	Deflector	S19864
71	Bracket	See Table II
73A	Gasket, Volute Case	S06271
73B	Gasket, Balance Ring	S09943
73C	Gasket, Seal Retainer	S15078
89	Seal, Mechanical Shaft	S32016
115	Ring, Balance	S12334
800A	Capscrew, 5/8 - 11 x 1-1/2" (12 Req.)	S26999
800B	Capscrew, 5/8 - 11 x 1-3/4" (4 Req.)	S27001
801A	Stud, 3/8 - 16 x 2-1/2" (2 Req.)	S04438
802A	Nut, 3/8 - 16 (2 Req.)	S23343
801B	Stud, 3/8 - 16 x 1-3/4" (4 Req.)	S23996
802B	Nut, 3/8 - 16 (4 Req.)	S23103
805	Washer, Lock	S23038
810	Plug, Pipe 1/2" NPT (4 Req.)	S23717
825	Sleeve, Impeller Locknut	S31661
•	Plug, Pipe 1/8" NPT(In Bracket)(2 Req.)	S23714

• Not illustrated.

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
60	3	H03936	12-1/2"	1-5/8"	364JP
75	3	H03936	12-1/2"	1-5/8"	365JP

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.

