BERKELEY® B1-1/2ZPH Cast Iron Impeller

Threaded Case (NPT), Packing Construction

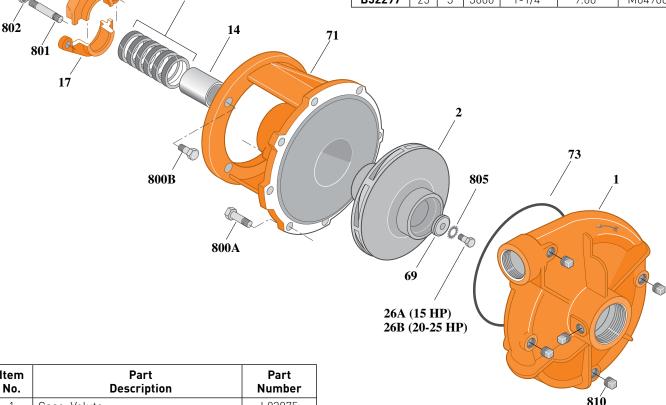
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ELECTRIC MOTOR DRIVE

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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B53759	15	3	3600	1-1/4"	7.94"	M07666
B52296	20	3	3600	1-1/4"	8.62"	M07665
B52297	25	3	3600	1-1/4"	9.00"	M04906



Item No.	Part Description	Part Number
1	Case, Volute	L03075
2	Impeller	See Table I
13	Rings, Packing (Set of 6)	S13470
14	Sleeve, Shaft	S05149L
17	Gland, Packing	B82470
26A	Screw, Impeller 1/2 - 13 x 1-1/2"	S23623
26B	Screw, Impeller 1/2 - 13 x 1-1/4"	S23621
32	Key, 1/4 x 2-1/4" (See Note 1)	S23677
69	Washer, Impeller	S06319
71	Bracket	See Table II
73	O-Ring (See Note 2)	M14943
800A	Capscrew, 3/8 - 16 x 1-1/8" (8 Req.)	S26827
800B	Capscrew, 1/2 - 13 x 1-1/2" (4 Req.)	S26916
801	Stud, 3/8 - 16 x 4" (2 Req.)	S08303
802	Nut, Hex 3/8 - 16 (2 Req.)	S23343
805	Washer, Lock	S23038
810	Plug, Pipe 1/4 NPT (5 Req.)	S23715

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
15	3	L03827	8-1/2"	1-1/4"	215JP
20	3	L03827	8-1/2"	1-1/4"	254JP
25	3	L03827	8-1/2 "	1-1/4"	256JP

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: Also accepts gasket **S05126** as replacement for O-Ring. See **Supplement E** located at the beginning of this section.

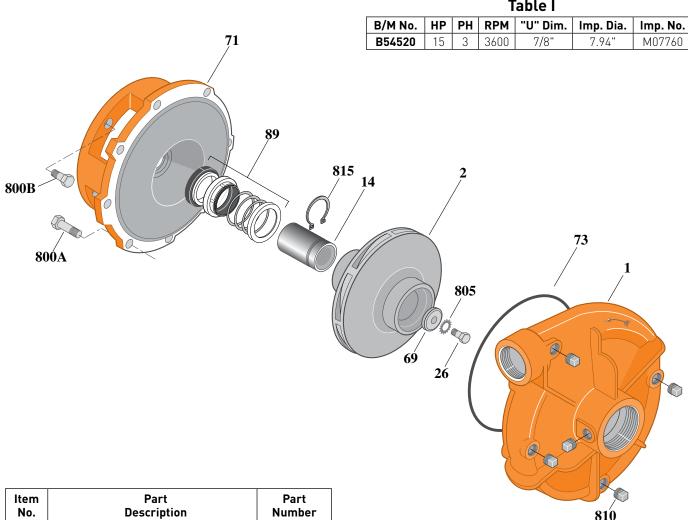
BERKELEY® B1-1/2ZPHS Cast Iron Impeller

Threaded Case (NPT), Mechanical Shaft Seal Construction

FLECTRIC MOTOR DRIVE

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Table I



L03075

See Table I S19310L

S23566

S34383

S06314

See Table II

M14943

S32014

S26827

S26912

S23036

S23715

S11207

1496 1210

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
15	3	L05331	8-1/2"	7/8"	215JM

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: Also accepts gasket S05126 as replacement for O-Ring. See Supplement E located at the beginning of this section.



Case, Volute

Sleeve, Shaft

Washer, Impeller

O-Ring (See Note 2)

Washer, Lock

Ring, Retaining

Seal, Mechanical Shaft

Screw, Impeller 3/8 - 16 x 1"

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

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

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

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

Impeller

Bracket

2

14

26

32

69

71

73

89

800A

800B

805

810

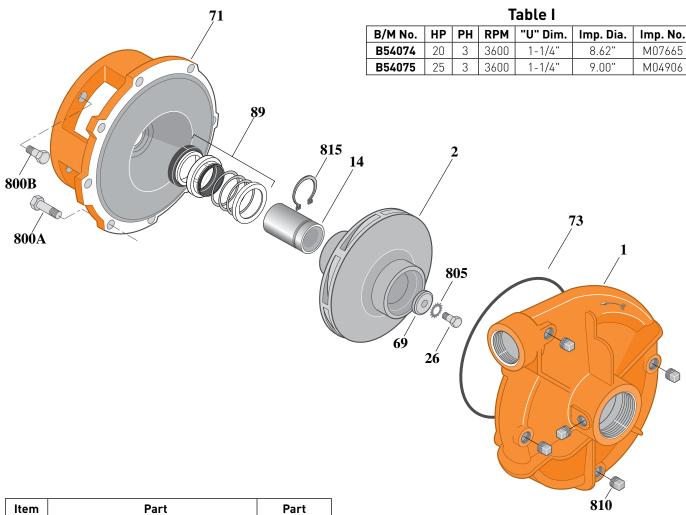
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BERKELEY® B1-1/2ZPHS Cast Iron Impeller

Threaded Case (NPT), Mechanical Shaft Seal Construction

ELECTRIC MOTOR DRIVE

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Item No.	Part Description	Part Number
1	Case, Volute	L03075
2	Impeller	See Table I
14	Sleeve, Shaft	S18869L
26	Screw, Impeller 1/2 - 13 x 1-1/4"	S23621
32	Key, 1/4 x 2-1/4" (See Note 1)	S23677
69	Washer, Impeller	S06319
71	Bracket	See Table II
73	O-Ring (See Note 2)	M14943
89	Seal, Mechanical Shaft	S32015
800A	Capscrew, 3/8 - 16 x 1-1/8" (8 Req.)	S26827
800B	Capscrew, 1/2 - 13 x 1"" (4 Req.)	S26912
805	Washer, Lock	S23038
810	Plug, Pipe 1/4 NPT (5 Req.)	S23715
815	Ring, Retaining	S16767

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
20	3	L04615	8-1/2"	1-1/4"	254JM
25	3	L04615	8-1/2"	1-1/4"	256JM

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: Also accepts gasket **S05126** as replacement for O-Ring. See **Supplement E** located at the beginning of this section.

BERKELEY® B1-1/2ZPH Silicon Bronze Impeller

Threaded Case (NPT), Packing Construction

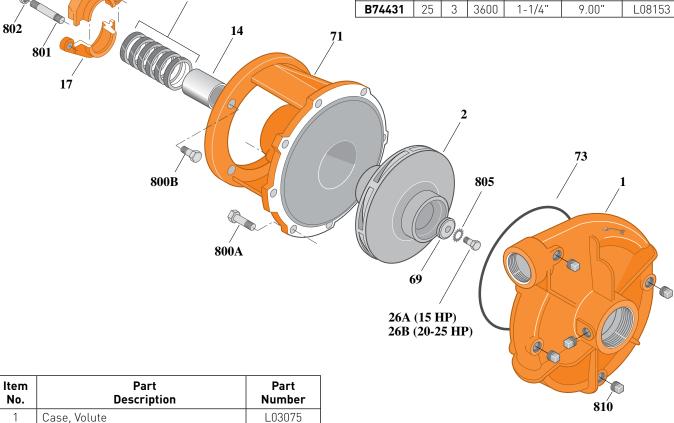
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FLECTRIC MOTOR DRIVE

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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B74423	15	3	3600	1-1/4"	7.94"	L08156
B74427	20	3	3600	1-1/4"	8.62"	L08155
B74431	25	3	3600	1-1/4"	9.00"	L08153



1742 1210

B82470 Screw, Impeller 1/2 - 13 x 1-1/2" S23623 Screw, Impeller 1/2 - 13 x 1-1/4" S23621

See Table I

S13470

S05149L

S23677

S06319

See Table II

M14943

S26827

S26916

S08303

S23343

S23038

S23715

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
15	3	L03827	8-1/2"	1-1/4"	215JP
20	3	L03827	8-1/2"	1-1/4"	254JP
25	3	L03827	8-1/2"	1-1/4"	256JP

Table II

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: Also accepts gasket S05126 as replacement for O-Ring. See Supplement E located at the beginning of this section.



2

13 14

17

26A

26B

32

69

71

73

800B

801

802

805

Impeller

Bracket

Sleeve, Shaft

Gland, Packing

Washer, Impeller

O-Ring (See Note 2)

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

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

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

Rings, Packing (Set of 6)

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

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

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

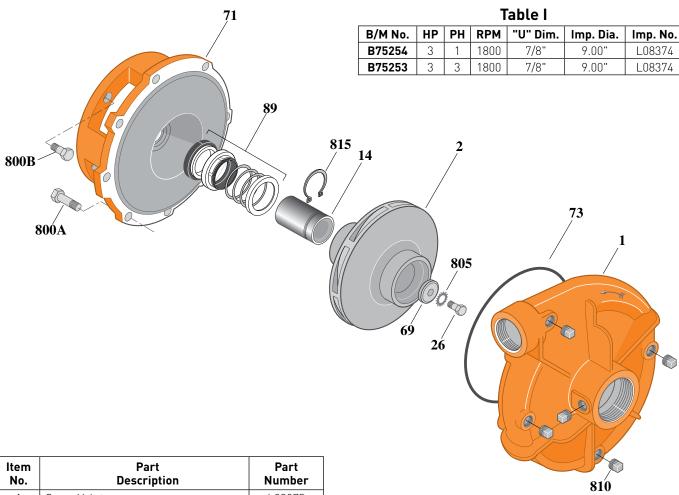
Washer, Lock

BERKELEY® B1-1/2ZPHS Silicon Bronze Impeller

Threaded Case (NPT), Mechanical Shaft Seal Construction

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No.	Part Description	Part Number
1	Case, Volute	L03075
2	Impeller	See Table I
14	Sleeve, Shaft	S19310L
26	Screw, Impeller 3/8 - 16 x 1"	S23566
32	Key, 3/16 x 1-1/4" (See Note1)	S34383
69	Washer, Impeller	S06314
71	Bracket	See Table II
73	O-Ring (See Note 3)	M14943
89	Seal, Mechanical Shaft	S32014
800A	Capscrew, 3/8 - 16 x 1-1/8" (8 Req.)	S26827
800B	Capscrew, 3/8 - 16 x 1" (4 Req.)	S26826
805	Washer, Lock	S23036
810	Plug, Pipe 1/4" NPT (5 Req.)	S23715
815	Ring, Retaining	S11207
•	Plug, Pipe 1/8" NPT (In Bracket)	S23714

• Not illustrated.

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
3	1	L05332	4-1/2"	7/8"	184JM
3	3	L05332	4-1/2"	7/8"	182JM

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.

NOTE 3: Also accepts gasket **S05126** as replacement for O-Ring. See **Supplement E** located at the beginning of this section.



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BERKELEY® B1-1/2ZPHS Silicon Bronze Impeller

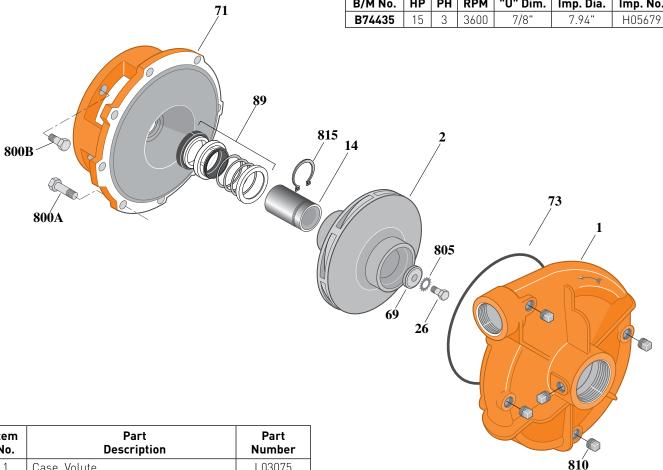
Threaded Case (NPT), Mechanical Shaft Seal Construction

ELECTRIC MOTOR DRIVE

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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B74435	15	3	3600	7/8"	7.94"	H05679



Item No.	Part Description	Part Number
1	Case, Volute	L03075
2	Impeller	See Table I
14	Sleeve, Shaft	S19310L
26	Screw, Impeller 3/8 - 16 x 1"	S23566
32	Key, 3/16 x 1-1/4" (See Note)	S34383
69	Washer, Impeller	S06314
71	Bracket	See Table II
73	Gasket, Volute	S05126
89	Seal, Mechanical Shaft	S32014
800A	Capscrew, 3/8 - 16 x 1-1/8" (8 Req.)	S26827
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23036
810	810 Plug, Pipe 1/4" NPT (5 Req.)	
815	Ring, Retaining	S11207
•	Plug, Pipe 1/8" NPT (In Bracket)	S23714

• Not illustrated.

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
15	3	L05331	8-1/2"	7/8"	215JM

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.

NOTE 3: Also accepts gasket S05126 as replacement for O-Ring. See Supplement E located at the beginning of this section.



BERKELEY® B1-1/2ZPHS Silicon Bronze Impeller

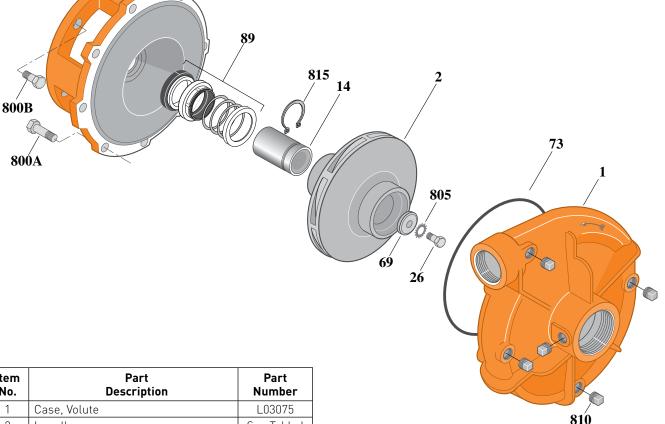
Threaded Case (NPT), Mechanical Shaft Seal Construction

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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B74437	20	3	3600	1-1/4"	8.62"	L08155
B74439	25	3	3600	1-1/4"	9.00"	L08153



Item No.	Part Description	Part Number
1	Case, Volute	L03075
2	Impeller	See Table I
14	Sleeve, Shaft	S18869L
26	Screw, Impeller 1/2 - 13 x 1-1/4"	S23621
32	Key, 1/4 x 2-1/4" (See Note 1)	S23677
69	Washer, Impeller	S06319
71	Bracket	See Table II
73	O-Ring (See Note 3)	M14943
89	Seal, Mechanical Shaft	S32015
800A	Capscrew, 3/8 - 16 x 1-1/8" (8 Req.)	S26827
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23038
810	Plug, Pipe 1/4" NPT (5 Req.)	S23715
815	Ring, Retaining	S16767
•	Plug, Pipe 1/8" NPT (In Bracket)	S23714

• Not illustrated.

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
20	3	L04615	8-1/2"	1-1/4"	254JM
25	3	L04615	8-1/2"	1-1/4"	256JM

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.

NOTE 3: Also accepts gasket **S05126** as replacement for O-Ring. See **Supplement E** located at the beginning of this section.

