# **BERKELEY**® B3ZPM Cast Iron Impeller

801B (1-1/4 U)

Threaded Case (NPT), Packing Construction

17A (7/8 U) 17B (1-1/4 U) 13A (7/8 U) 13B (1-1/4 U)

800C (7/8 U) 800D (1-1/4 U)

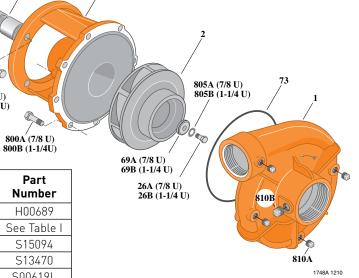
14A (7/8 U) 14B (1-1/4 U)

# ELECTRIC MOTOR DRIVE

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## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B53820	3	1	1800	7/8"	6.06"	M07709
B53823	3	3	1800	7/8"	6.06"	M07709
B53821	5	1	1800	1-1/4"	7.00"	M07711
B53824	5	3	1800	7/8"	7.00"	M07710



Item No.	Part Description	Part Number
1	Case, Volute	H00689
2	Impeller	See Table I
13A	Rings, Packing (Set of 7)	S15094
13B	Rings, Packing (Set of 6)	S13470
14A	Sleeve, Shaft (2 Req.)	S00619L
14B	Sleeve, Shaft	S05149L
17A	Gland, Packing	B82469
17B	Gland, Packing	B82470
26A	Screw, Impeller 3/8 - 16 x 1"	S23566
26B	Screw, Impeller 1/2 - 13 x 1"	S23619
32A	Key, 3/16 x 1-1/4" (See Note1)	S34383
32B	Key, 1/4 x 2-1/4" (See Note1)	S23677
69A	Washer, Impeller	S06314
69B	Washer, Impeller	S06319
71	Bracket	See Table II
73	O-Ring (See Note 2)	M14943
800A	Capscrew, 3/8 - 16 x 1" (12 Req.)	S26826
800B	Capscrew, 3/8 - 16 x 1-1/8" (8 Req.)	S26827
800C	Capscrew, 1/2 - 13 x 1-1/2" (4 Req.)	S26916
801A	Stud, 3/8 - 16 x 3" (2 Req.)	S04439
801B	Stud, 3/8 - 16 x 4" (2 Req.)	S08303
802	Nut, Hex 3/8 - 16 (2 Req.)	S23343
805A	Washer, Lock	S23036
805B	Washer, Lock	S23038
810A	Plug, Pipe 1/4 NPT (4 Req.)	S23715
810B	Plug, Pipe 1/2 NPT	S23717

#### Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
3	1	H00950	4-1/2"	7/8"	184JP
3	3	H00950	4-1/2"	7/8"	182JP
5	1	L03827	8-1/2"	1-1/4"	213JP
5	3	H00950	4-1/2"	7/8"	184JP

**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.



# **BERKELEY**® B3ZPM Cast Iron Impeller

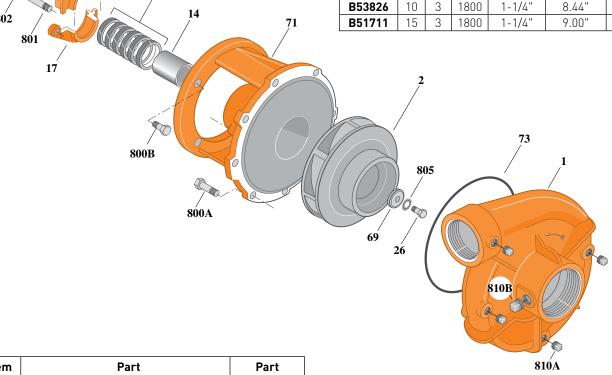
Threaded Case (NPT), Packing Construction

# ELECTRIC MOTOR DRIVE

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## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B53822	7.5	1	1800	1-1/4"	7.88"	M07712
B53825	7.5	3	1800	1-1/4"	7.88"	M07712
B55579	10	1	1800	1-1/4"	8.44"	M07713
B53826	10	3	1800	1-1/4"	8.44"	M07713
B51711	15	3	1800	1-1/4"	9.00"	M02911



1748B 1210

Item No.	Part Description	Part Number
1	Case, Volute	H00689
2	Impeller	See Table I
13	Rings, Packing (Set of 6)	S13470
14	Sleeve, Shaft	S05149L
17	Gland, Packing	B82470
26	Screw, Impeller 1/2 - 13 x 1"	S23619
32	Key, 1/4 x 2-1/4" (See Note 1)	S23677
69	Washer, Impeller	S06319
71	Bracket	See Table II
73	0-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
810A	Plug, Pipe 1/4 NPT (4 Req.)	S23715
810B	Plug, Pipe 1/2 NPT	S23717

#### Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
7.5	1	L03827	8-1/2"	1-1/4"	215JP
7.5	3	L03827	8-1/2"	1-1/4"	213JP
10	1	L03827	8-1/2"	1-1/4"	215JP
10	3	L03827	8-1/2"	1-1/4"	215JP
15	3	L03827	8-1/2"	1-1/4"	254JP

**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.



# **BERKELEY**® B3ZPM Cast Iron Impeller

13A (7/8 U) 13B (1-1/4 U)

> 14A (7/8 U) 14B (1-1/4 U)

Flanged Case, Packing Construction

801A (7/8 U) 801B (1-1/4 U)

17B

26A

26B

32A 32B

69A

69B

71

73 800A

800B

800C

801A

801B

802

805A

805B

Gland, Packing

Washer, Impeller

Washer, Impeller

O-Ring (See Note 2)

Bracket

Screw, Impeller 3/8 - 16 x 1"

Screw, Impeller 1/2 - 13 x 1"

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

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

Capscrew, 3/8 - 16 x 1" (12 Req.)

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

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

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

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

Plug, Pipe 1/4 NPT (3 Req.)

Washer, Lock

Washer, Lock

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

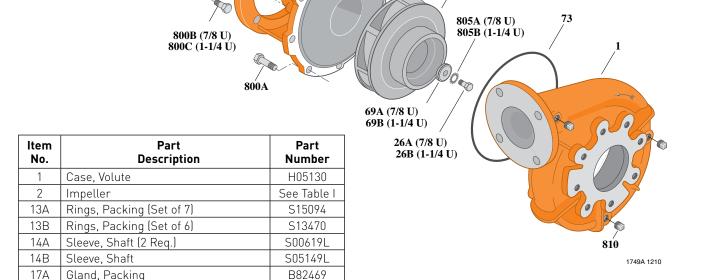
17A (7/8 U) 17B (1-1/4 U)

# FLECTRIC MOTOR DRIVE

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#### Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B70158	3	1	1800	7/8"	6.06"	M07709
B70236	3	3	1800	7/8"	6.06"	M07709
B70159	5	1	1800	1-1/4"	7.00"	M07711
B70237	5	3	1800	7/8"	7.00"	M07710



B82470

S23566

S23619

S34383

S23677

S06314

S06319

See Table II

M14943

S26826

S26827

S26916

S04439

S08303

S23343

S23036

S23038

S23715

#### Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
3	1	H00950	4-1/2"	7/8"	184JP
3	3	H00950	4-1/2"	7/8"	182JP
5	1	L03827	8-1/2"	1-1/4"	213JP
5	3	H00950	4-1/2"	7/8"	184JP

**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.



# **BERKELEY**® B3ZPM Cast Iron Impeller

Flanged Case, Packing Construction

802

13

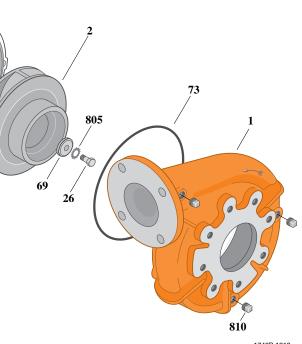
800B

# ELECTRIC MOTOR DRIVE

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## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B70163	7.5	1	1800	1-1/4"	7.88"	M07712
B70239	7.5	3	1800	1-1/4"	7.88"	M07712
B70166	10	1	1800	1-1/4"	8.44"	M07713
B70240	10	3	1800	1-1/4"	8.44"	M07713
B70241	15	3	1800	1-1/4"	9.00"	M02911



1749B 1210

Item No.	Part Description	Part Number
1	Case, Volute	H05130
2	Impeller	See Table I
13	Rings, Packing (Set of 6)	S13470
14	Sleeve, Shaft	S05149L
17	Gland, Packing	B82470
26	Screw, Impeller 1/2 - 13 x 1"	S23619
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" (8 Req.)	S26826
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 (3 Req.)	S23715

#### Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
7.5	1	L03827	8-1/2"	1-1/4"	215JP
7.5	3	L03827	8-1/2"	1-1/4"	213JP
10	1	L03827	8-1/2"	1-1/4"	215JP
10	3	L03827	8-1/2"	1-1/4"	215JP
15	3	L03827	8-1/2"	1-1/4"	254JP

**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.



# BERKELEY® B3ZPMS

# Cast Iron Impeller

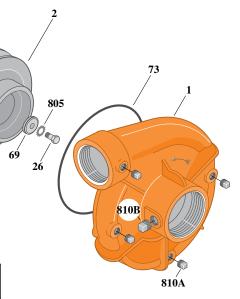
Threaded Case (NPT), Mechanical Shaft Seal Construction

# ELECTRIC MOTOR DRIVE

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## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B54599	3	1	1800	7/8"	6.06"	M07709
B54603	3	3	1800	7/8"	6.06"	M07709
B54600	5	1	1800	7/8"	7.00"	M07710
B54604	5	3	1800	7/8"	7.00"	M07710
B54601	7.5	1	1800	7/8"	7.88"	M07764
B54605	7.5	3	1800	7/8"	7.88"	M07764
B54652	10	1	1800	7/8"	8.44"	M07765
B54606	10	3	1800	7/8"	8.44"	M07765



Item No.	Part Description	Part Number
1	Case, Volute	H00689
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 1)	S34383
69	Washer, Impeller	S06314
71	Bracket	See Table II
73	O-Ring (See Note 2)	M14943
89	Seal, Mechanical Shaft	S32014
800A	Capscrew, 3/8 - 16 x 1" [12 Req.] [4-1/2 AK] (Use for Motor and Volute)	S26826
800A	Capscrew, 3/8 - 16 x 1" (8 Req.) (8-1/2 AK) (Use for Volute Only)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23036
810A	Plug, Pipe 1/4 NPT (4 Req.)	S23715
810B	Plug, Pipe 1/2 NPT	S23717
815	Ring, Retaining	S11207

## 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
5	1	L05331	8-1/2"	7/8"	213JM
5	3	L05332	4-1/2"	7/8"	184JM
7.5	1	L05331	8-1/2"	7/8"	215JM
7.5	3	L05331	8-1/2"	7/8"	213JM
10	1	L05331	8-1/2"	7/8"	215JM
10	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.



800B (4-1/2 AK) 800C (8-1/2 AK)

800A

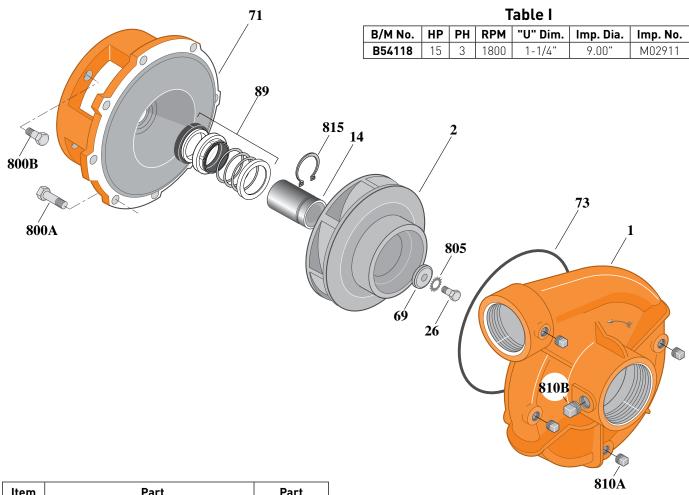
# BERKELEY® B3ZPMS

# 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	H00689
2	Impeller	See Table I
14	Sleeve, Shaft	S18869L
26	Screw, Impeller 1/2 - 13 x 1"	S23619
32	Key, 1/4 x 2-1/4" (See Note 1)	S23677
69	Washer, Impeller	S06319
71	Bracket	See Table II
73	0-Ring (See Note 2)	M14943
89	Seal, Mechanical Shaft	S32015
800A	Capscrew, 3/8 - 16 x 1"(8 Req.)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23038
810A	Plug, Pipe 1/4 NPT (4 Req.)	S23715
810B	Plug, Pipe 1/2 NPT	S23717
815	Ring, Retaining	S16767

## Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
15	3	L04615	8-1/2"	1-1/4"	254JM

**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.



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# **BERKELEY**® B3ZPMS Cast Iron Impeller

810B

800B (4-1/2 AK) 800C (8-1/2 AK)

800A

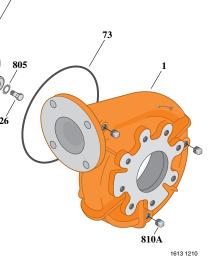
Flanged Case, Mechanical Shaft Seal Construction

# ELECTRIC MOTOR DRIVE

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## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B70169	3	1	1800	7/8"	6.06"	M07709
B70244	3	3	1800	7/8"	6.06"	M07709
B70172	5	1	1800	7/8"	7.00"	M07710
B70245	5	3	1800	7/8"	7.00"	M07710
B70175	7.5	1	1800	7/8"	7.88"	M07764
B70247	7.5	3	1800	7/8"	7.88"	M07764
B70178	10	1	1800	7/8"	8.44"	M07765
B70248	10	3	1800	7/8"	8.44"	M07765



Item No.	Part Description	Part Number
1	Case, Volute	H05130
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 1)	S34383
69	Washer, Impeller	S06314
71	Bracket	See Table II
73	0-Ring (See Note 2)	M14943
89	Seal, Mechanical Shaft	S32014
800A	Capscrew, 3/8 - 16 x 1" (12 Req.) (4-1/2 AK) (Use for Motor and Volute)	S26826
800A	Capscrew, 3/8 - 16 x 1" (8 Req.) [8-1/2 AK) (Use for Volute Only)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23036
810	Plug, Pipe 1/4 NPT (3 Req.)	S23715
815	Ring, Retaining	S11207

## 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
5	1	L05331	8-1/2"	7/8"	213JM
5	3	L05332	4-1/2"	7/8"	184JM
7.5	1	L05331	8-1/2"	7/8"	215JM
7.5	3	L05331	8-1/2"	7/8"	213JM
10	1	L05331	8-1/2"	7/8"	215JM
10	3	L05331	8-1/2"	7/8"	215JM

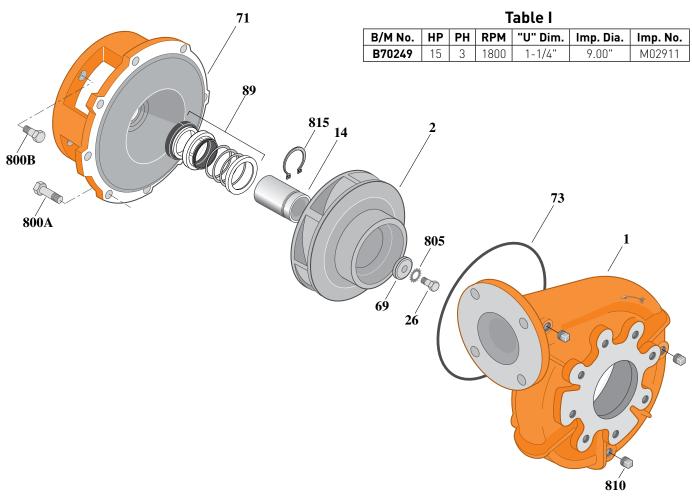
**NOTE 1:** For an explanation of the tabulated material found on this page and for impeller key location, refer to **Supplement A** located at the beginning of this section.

# **BERKELEY**® B3ZPMS Cast Iron Impeller

Flanged Case, Mechanical Shaft Seal Construction

# ELECTRIC MOTOR DRIVE

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Item No.	Part Description	Part Number
1	Case, Volute	H05130
2	Impeller	See Table I
14	Sleeve, Shaft	S18869L
26	Screw, Impeller 1/2 - 13 x 1"	S23619
32	Key, 1/4 x 2-1/4" (See Note 1)	S23677
69	Washer, Impeller	S06319
71	Bracket	See Table II
73	0-Ring (See Note 2)	M14943
89	Seal, Mechanical Shaft	S32015
A008	Capscrew, 3/8 - 16 x 1" (8 Req.)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23038
810	Plug, Pipe 1/4 NPT (3 Req.)	S23715
815	Ring, Retaining	S16767

## Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
15	3	L04615	8-1/2"	1-1/4"	254JM

**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.



1614 0195

# **BERKELEY**® B3ZPM Bronze Impeller

801A (7/8 U) 801B (1-1/4 U)

> 17A (7/8 U) 17B (1-1/4 U)

Threaded Case (NPT), Packing Construction

13A (7/8 U) 13B (1-1/4 U)

800C (7/8 U) 800D (1-1/4 U)

14A (7/8 U)

800A (7/8 U) 800B (1-1/4U)

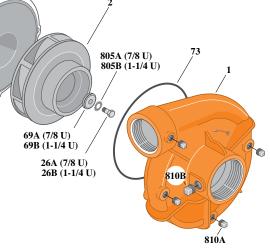
14B (1-1/4 U)

# ELECTRIC MOTOR DRIVE

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## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B66568	3	1	1800	7/8"	6.06"	L06697
B66569	3	3	1800	7/8"	6.06"	L06697
B66580	5	1	1800	1-1/4"	7.00"	L06692
B66581	5	3	1800	7/8"	7.00"	L06696



Item	Part	Part
No.	Description	Number
1	Case, Volute	H00689
2	Impeller	See Table I
13A	Rings, Packing (Set of 7)	S15094
13B	Rings, Packing (Set of 6)	S13470
14A	Sleeve, Shaft (2 Req.)	S00619L
14B	Sleeve, Shaft	S05149L
17A	Gland, Packing	B82469
17B	Gland, Packing	B82470
26A	Screw, Impeller 3/8 - 16 x 1"	S23566
26B	Screw, Impeller 1/2 - 13 x 1"	S23619
32A	Key, 3/16 x 1-1/4" (See Note 1)	S34383
32B	Key, 1/4 x 2-1/4" (See Note 1)	S23677
69A	Washer, Impeller	S06314
69B	Washer, Impeller	S06319
71	Bracket	See Table II
73	O-Ring (See Note 2)	M14943
800A	Capscrew, 3/8 - 16 x 1" (12 Req.)	S26826
800B	Capscrew, 3/8 - 16 x 1-1/8" (8 Req.)	S26827
800C	Capscrew, 1/2 - 13 x 1-1/2" (4 Req.)	S26916
801A	Stud, 3/8 - 16 x 3" (2 Req.)	S04439
801B	Stud, 3/8 - 16 x 4" (2 Req.)	S08303
802	Nut, Hex 3/8 - 16 (2 Req.)	S23343
805A	Washer, Lock	S23036
805B	Washer, Lock	S23038
810A	Plug, Pipe 1/4 NPT (4 Req.)	S23715
810B	Plug, Pipe 1/2 NPT	S23717

#### Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
3	1	H00950	4-1/2"	7/8"	184JP
3	3	H00950	4-1/2"	7/8"	182JP
5	1	L03827	8-1/2"	1-1/4"	213JP
5	3	H00950	4-1/2"	7/8"	184JP

**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.



# **BERKELEY**® B3ZPM Bronze Impeller

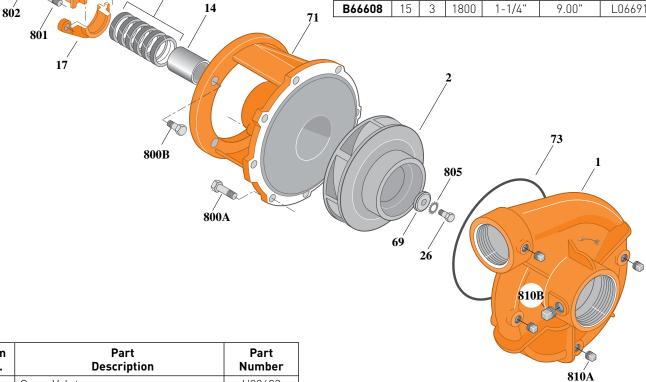
Threaded Case (NPT), Packing Construction

# ELECTRIC MOTOR DRIVE

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## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B66590	7.5	1	1800	1-1/4"	7.88"	L06694
B66591	7.5	3	1800	1-1/4"	7.88"	L06694
B66600	10	1	1800	1-1/4"	8.44"	L06693
B66601	10	3	1800	1-1/4"	8.44"	L06693
B66608	15	3	1800	1-1/4"	9.00"	L06691



Item No.	Part Description	Part Number
1	Case, Volute	H00689
2	Impeller	See Table I
13	Rings, Packing (Set of 6)	S13470
14	Sleeve, Shaft	S05149L
17	Gland, Packing	B82470
26	Screw, Impeller 1/2 - 13 x 1"	S23619
32	Key, 1/4 x 2-1/4" (See Note 1)	S23677
69	Washer, Impeller	S06319
71	Bracket	See Table II
73	0-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
810A	Plug, Pipe 1/4 NPT (4 Req.)	S23715
810B	Plug, Pipe 1/2 NPT	S23717

## Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame			
7.5	1	L03827	8-1/2"	1-1/4"	215JP			
7.5	3	L03827	8-1/2"	1-1/4"	213JP			
10	1	L03827	8-1/2"	1-1/4"	215JP			
10	3	L03827	8-1/2"	1-1/4"	215JP			
15	3	L03827	8-1/2"	1-1/4"	254JP			

**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.

801A (7/8 U) 801B (1-1/4 U)

ltem

No.

2

13A

13B

14A

14B

17A

17B

26A

26B

32A

32B

69A

69B

71

73

800A

800B

800C

801A

801B

802

805A

805B

810A

810B

Gland, Packing

Gland, Packing

Washer, Impeller

Washer, Impeller

O-Ring (See Note 2)

Bracket

Screw, Impeller 3/8 - 16 x 1"

Screw, Impeller 1/2 - 13 x 1"

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

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

Capscrew, 3/8 - 16 x 1" (12 Req.)

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

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

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

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

Washer, Lock

Washer, Lock

Plug, Pipe 1/2 NPT

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

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

17A (7/8 U) 17B (1-1/4 U)

Threaded Case (NPT), Packing Construction

13A (7/8 U) 13B (1-1/4 U)

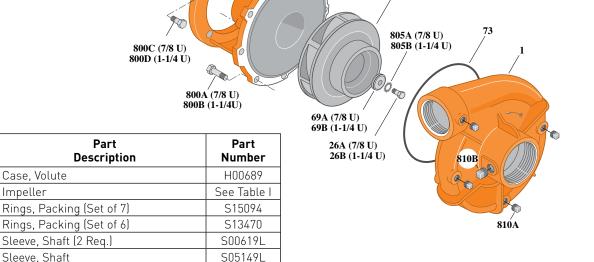
> 14A (7/8 U) 14B (1-1/4 U)

# ELECTRIC MOTOR DRIVE

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#### Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B66568S	3	1	1800	7/8"	6.06"	H05480
B66569S	3	3	1800	7/8"	6.06"	H05480
B66580S	5	1	1800	1-1/4"	7.00"	H05478
B66581S	5	3	1800	7/8"	7.00"	H05481



B82469

B82470

S23566

S23619

S34383

S23677

S06314

S06319

See Table II

M14943

S26826

S26827

S26916

S04439

S08303

S23343

S23036

S23038

S23715

S23717

#### Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
3	1	H00950	4-1/2"	7/8"	184JP
3	3	H00950	4-1/2"	7/8"	182JP
5	1	L03827	8-1/2"	1-1/4"	213JP
5	3	H00950	4-1/2"	7/8"	184JP
			, =	.,-	

**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.



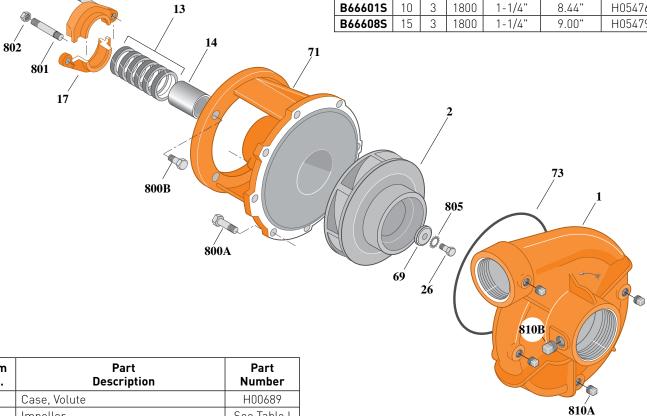
Threaded Case (NPT), Packing Construction

# ELECTRIC MOTOR DRIVE

Section		CC
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## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B66590S	7.5	1	1800	1-1/4"	7.88"	H05477
B66591S	7.5	3	1800	1-1/4"	7.88"	H05477
B66600S	10	1	1800	1-1/4"	8.44"	H05476
B66601S	10	3	1800	1-1/4"	8.44"	H05476
B66608S	15	3	1800	1-1/4"	9.00"	H05479



Item No.	Part Description	Part Number
1	Case, Volute	H00689
2	Impeller	See Table I
13	Rings, Packing (Set of 6)	S13470
14	Sleeve, Shaft	S05149L
17	Gland, Packing	B82470
26	Screw, Impeller 1/2 - 13 x 1"	S23619
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
810A	Plug, Pipe 1/4 NPT (4 Req.)	S23715
810B	Plug, Pipe 1/2 NPT	S23717

#### Table II

	1 3 3 3 1 1							
HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame			
7.5	1	L03827	8-1/2"	1-1/4"	215JP			
7.5	3	L03827	8-1/2"	1-1/4"	213JP			
10	1	L03827	8-1/2"	1-1/4"	215JP			
10	3	L03827	8-1/2"	1-1/4"	215JP			
15	3	L03827	8-1/2"	1-1/4"	254JP			

**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.



# **BERKELEY**® B3ZPM Bronze Impeller

13A (7/8 U) 13B (1-1/4 U)

> 14A (7/8 U) 14B (1-1/4 U)

Flanged Case, Packing Construction

801A (7/8 U) 801B (1-1/4 U)

26A

26B

32A 32B

69A

69B

71

73 800A

800B

800C

801A

801B

802

805A

805B

Screw, Impeller 3/8 - 16 x 1"

Screw, Impeller 1/2 - 13 x 1"

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

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

Capscrew, 3/8 - 16 x 1" (12 Req.)

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

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

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

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

Plug, Pipe 1/4 NPT (3 Req.)

Washer, Lock

Washer, Lock

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

Washer, Impeller

Washer, Impeller

O-Ring (See Note 2)

Bracket

17A (7/8 U) 17B (1-1/4 U)

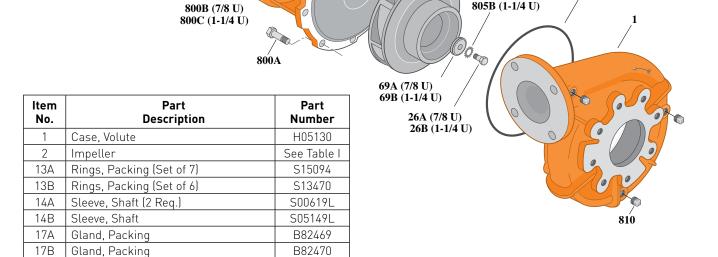
# ELECTRIC MOTOR DRIVE

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## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B71930	3	1	1800	7/8"	6.06"	L06697
B71931	3	3	1800	7/8"	6.06"	L06697
B71932	5	1	1800	1-1/4"	7.00"	L06692
B71933	5	3	1800	7/8"	7.00"	L06696

805A (7/8 U)



S23566

S23619

S34383

S23677

S06314

S06319

See Table II

M14943

S26826

S26827

S26916

S04439

S08303

S23343

S23036

S23038

S23715

#### Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
3	1	H00950	4-1/2"	7/8"	184JP
3	3	H00950	4-1/2"	7/8"	182JP
5	1	L03827	8-1/2"	1-1/4"	213JP
5	3	H00950	4-1/2"	7/8"	184JP

**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.



# **BERKELEY**® B3ZPM Bronze Impeller

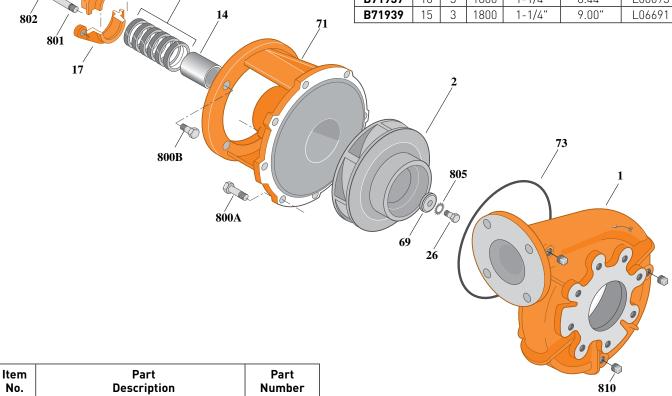
Flanged Case, Packing Construction

# ELECTRIC MOTOR DRIVE

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## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B71934	7.5	1	1800	1-1/4"	7.88"	L06694
B71935	7.5	3	1800	1-1/4"	7.88"	L06694
B71936	10	1	1800	1-1/4"	8.44"	L06693
B71937	10	3	1800	1-1/4"	8.44"	L06693
B71939	15	3	1800	1-1/4"	9.00"	L06691



H05130

See Table I

S13470

S05149L

B82470

S23619

S23677

S06319

See Table II

M14943

S26826

S26916

S08303

S23343

S23038

S23715

1749B 1210

#### Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
7.5	1	L03827	8-1/2"	1-1/4"	215JP
7.5	3	L03827	8-1/2"	1-1/4"	213JP
10	1	L03827	8-1/2"	1-1/4"	215JP
10	3	L03827	8-1/2"	1-1/4"	215JP
15	3	L03827	8-1/2"	1-1/4"	254JP

**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.



Washer, Lock

Case, Volute

Sleeve, Shaft

Gland, Packing

Washer, Impeller

O-Ring (See Note 2)

Rings, Packing (Set of 6)

Screw, Impeller 1/2 - 13 x 1"

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

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

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

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

Plug, Pipe 1/4 NPT (3 Req.)

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

Impeller

Bracket

13

14

17

26

32

69 71

800A

800B

801

802

805

810

13A (7/8 U) 13B (1-1/4 U)

Flanged Case, Packing Construction

801A (7/8 U) 801B (1-1/4 U)

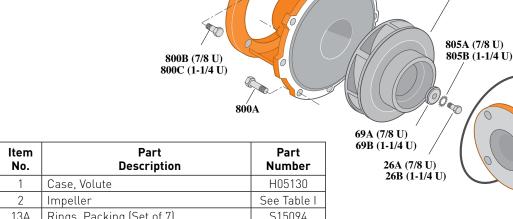
> 17A (7/8 U) 17B (1-1/4 U)

# ELECTRIC MOTOR DRIVE

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## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B71930S	3	1	1800	7/8"	6.06"	H05480
B71931S	3	3	1800	7/8"	6.06"	H05480
B71932S	5	1	1800	1-1/4"	7.00"	H05478
B71933S	5	3	1800	7/8"	7.00"	H05481

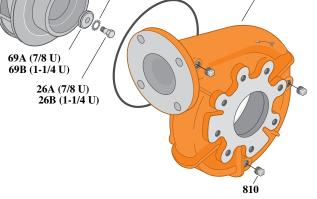


S23038

S23715

14A (7/8 U) 14B (1-1/4 U)

Part Passintian	Part Number
•	
Case, Volute	H05130
Impeller	See Table I
Rings, Packing (Set of 7)	S15094
Rings, Packing (Set of 6)	S13470
Sleeve, Shaft (2 Req.)	S00619L
Sleeve, Shaft	S05149L
Gland, Packing	B82469
Gland, Packing	B82470
Screw, Impeller 3/8 - 16 x 1"	S23566
Screw, Impeller 1/2 - 13 x 1"	S23619
Key, 3/16 x 1-1/4" (See Note 1)	S34383
Key, 1/4 x 2-1/4" (See Note 1)	S23677
Washer, Impeller	S06314
Washer, Impeller	S06319
Bracket	See Table II
O-Ring (See Note 2)	M14943
Capscrew, 3/8 - 16 x 1" (12 Req.)	S26826
Capscrew, 3/8 - 16 x 1" (8 Req.)	S26827
Capscrew, 1/2 - 13 x 1-1/2" (4 Req.)	S26916
Stud, 3/8 - 16 x 3" (2 Req.)	S04439
Stud, 3/8 - 16 x 4" (2 Req.)	S08303
Nut, Hex 3/8 - 16 (2 Req.)	S23343
Washer, Lock	S23036
	Description  Case, Volute Impeller Rings, Packing (Set of 7) Rings, Packing (Set of 6) Sleeve, Shaft (2 Req.) Sleeve, Shaft Gland, Packing Gland, Packing Screw, Impeller 3/8 - 16 x 1" Screw, Impeller 1/2 - 13 x 1" Key, 3/16 x 1-1/4" (See Note 1) Key, 1/4 x 2-1/4" (See Note 1) Washer, Impeller Washer, Impeller Bracket O-Ring (See Note 2) Capscrew, 3/8 - 16 x 1" (12 Req.) Capscrew, 1/2 - 13 x 1-1/2" (4 Req.) Stud, 3/8 - 16 x 4" (2 Req.) Nut, Hex 3/8 - 16 [2 Req.]



## Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
3	1	H00950	4-1/2"	7/8"	184JP
3	3	H00950	4-1/2"	7/8"	182JP
5	1	L03827	8-1/2"	1-1/4"	213JP
5	3	H00950	4-1/2"	7/8"	184JP

**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.



805B

Washer, Lock

Plug, Pipe 1/4 NPT (3 Req.)

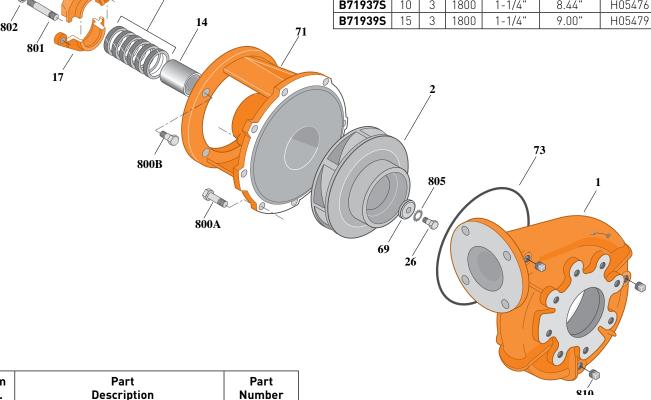
Flanged Case, Packing Construction

# ELECTRIC MOTOR DRIVE

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## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B71934S	7.5	1	1800	1-1/4"	7.88"	H05477
B71935S	7.5	3	1800	1-1/4"	7.88"	H05477
B71936S	10	1	1800	1-1/4"	8.44"	H05476
B71937S	10	3	1800	1-1/4"	8.44"	H05476
B71939S	15	3	1800	1-1/4"	9.00"	H05479



Item No.	Part Description	Part Number
1	Case, Volute	H05130
2	Impeller	See Table I
13	Rings, Packing (Set of 6)	S13470
14	Sleeve, Shaft	S05149L
17	Gland, Packing	B82470
26	Screw, Impeller 1/2 - 13 x 1"	S23619
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" (8 Req.)	S26826
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 (3 Req.)	S23715

## Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
7.5	1	L03827	8-1/2"	1-1/4"	215JP
7.5	3	L03827	8-1/2"	1-1/4"	213JP
10	1	L03827	8-1/2"	1-1/4"	215JP
10	3	L03827	8-1/2"	1-1/4"	215JP
15	3	L03827	8-1/2"	1-1/4"	254JP

**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.

# BERKELEY® B3ZPMS

# Bronze Impeller

800B (4-1/2 AK) 800C (8-1/2 AK)

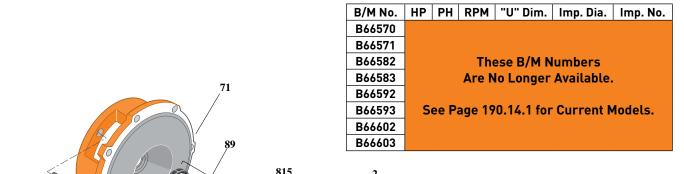
800A

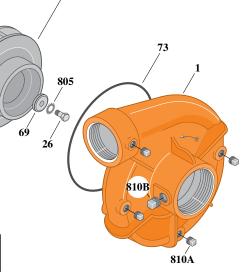
Threaded Case (NPT), Mechanical Shaft Seal Construction

## FLECTRIC MOTOR DRIVE

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#### Table I





Item No.	Part Description	Part Number
1	Case, Volute	H00689
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 1)	S34383
69	Washer, Impeller	S06314
71	Bracket	See Table II
73	O-Ring (See Note 2)	M14943
89	Seal, Mechanical Shaft	S32014
800A	Capscrew, 3/8 - 16 x 1" (12 Req.) (4-1/2 AK) (Use for Motor and Volute)	S26826
800A	Capscrew, 3/8 - 16 x 1" (8 Req.) (8-1/2 AK) (Use for Volute Only)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23036
810A	Plug, Pipe 1/4 NPT (4 Req.)	S23715
810B	Plug, Pipe 1/2 NPT	S23717
815	Ring, Retaining	S11207

## 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
5	1	L05331	8-1/2"	7/8"	213JM
5	3	L05332	4-1/2"	7/8"	184JM
7.5	1	L05331	8-1/2"	7/8"	215JM
7.5	3	L05331	8-1/2"	7/8"	213JM
10	1	L05331	8-1/2"	7/8"	215JM
10	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.



# **BERKELEY®** B3ZPMS

# Bronze Impeller

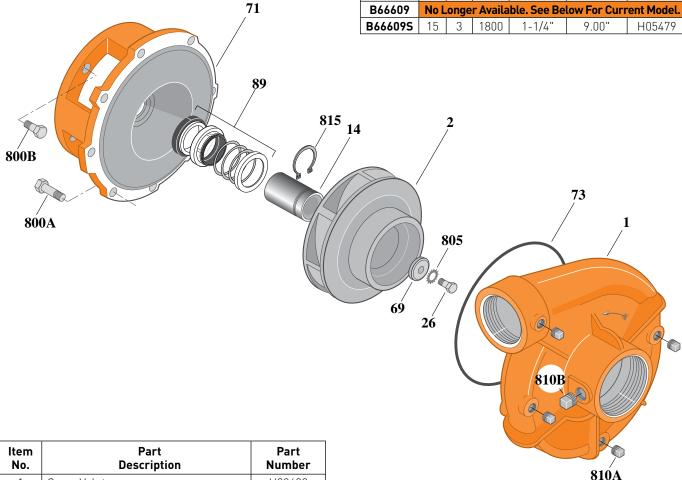
Threaded Case (NPT), Mechanical Shaft Seal Construction

# ELECTRIC MOTOR DRIVE

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## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B66609	No L	.onge	r Availa	ble. See Be	low For Curr	ent Model.
B66609S	15	3	1800	1-1/4"	9.00"	H05479



Item No.	Part Description	Part Number
1	Case, Volute	H00689
2	Impeller	See Table I
14	Sleeve, Shaft	S18869L
26	Screw, Impeller 1/2 - 13 x 1"	S23619
32	Key, 1/4 x 2-1/4" (See Note 1)	S23677
69	Washer, Impeller	S06319
71	Bracket	See Table II
73	0-Ring (See Note 2)	M14943
89	Seal, Mechanical Shaft	S32015
800A	Capscrew, 3/8 - 16 x 1" (8 Req.)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23038
810A	Plug, Pipe 1/4 NPT (4 Req.)	S23715
810B	Plug, Pipe 1/2 NPT	S23717
815	Ring, Retaining	S16767

1612 1210

#### Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
15	3	L04615	8-1/2"	1-1/4"	254JM

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.

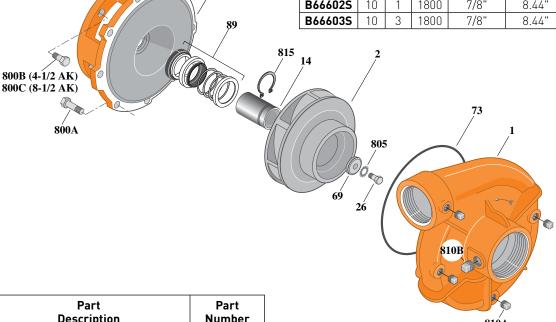
Threaded Case (NPT), Mechanical Shaft Seal Construction

# ELECTRIC MOTOR DRIVE

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## Table I

				T	T	1
B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B66570S	3	1	1800	7/8"	6.06"	H05480
B66571S	3	3	1800	7/8"	6.06"	H05480
B66582S	5	1	1800	7/8"	7.00"	H05481
B66583S	5	3	1800	7/8"	7.00"	H05481
B66592S	7.5	1	1800	7/8"	7.88"	H05482
B66593S	7.5	3	1800	7/8"	7.88"	H05482
B66602S	10	1	1800	7/8"	8.44"	H05483
B66603S	10	3	1800	7/8"	8.44"	H05483



Item No.	Part Description	Part Number
1	Case, Volute	H00689
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 1)	S34383
69	Washer, Impeller	S06314
71	Bracket	See Table II
73	0-Ring (See Note 2)	M14943
89	Seal, Mechanical Shaft	S32014
800A	Capscrew, 3/8 - 16 x 1" (12 Req.) (4-1/2 AK) (Use for Motor and Volute)	S26826
800A	Capscrew, 3/8 - 16 x 1" (8 Req.) (8-1/2 AK) (Use for Volute Only)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23036
810A	Plug, Pipe 1/4 NPT (4 Req.)	S23715
810B	Plug, Pipe 1/2 NPT	S23717
815	Ring, Retaining	S11207

#### 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		
5	1	L05331	8-1/2"	7/8"	213JM		
5	3	L05332	4-1/2"	7/8"	184JM		
7.5	1	L05331	8-1/2"	7/8"	215JM		
7.5	3	L05331	8-1/2"	7/8"	213JM		
10	1	L05331	8-1/2"	7/8"	215JM		
10	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.



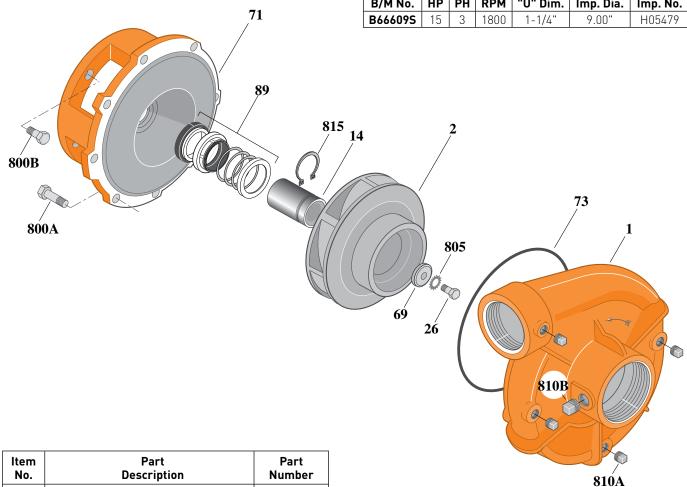
Threaded Case (NPT), Mechanical Shaft Seal Construction

# ELECTRIC MOTOR DRIVE

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## Table I

_,-	1 140.	пг	РН	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B66	6095	15	3	1800	1-1/4"	9.00"	H05479



No.	Description	Number
1	Case, Volute	H00689
2	Impeller	See Table I
14	Sleeve, Shaft	S18869L
26	Screw, Impeller 1/2 - 13 x 1"	S23619
32	Key, 1/4 x 2-1/4" (See Note 1)	S23677
69	Washer, Impeller	S06319
71	Bracket	See Table II
73	0-Ring (See Note 2)	M14943
89	Seal, Mechanical Shaft	S32015
800A	Capscrew, 3/8 - 16 x 1"(8 Req.)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23038
810A	Plug, Pipe 1/4 NPT (4 Req.)	S23715
810B	Plug, Pipe 1/2 NPT	S23717
815	Ring, Retaining	S16767

1612 1210

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
15	3	L04615	8-1/2"	1-1/4"	254JM

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.

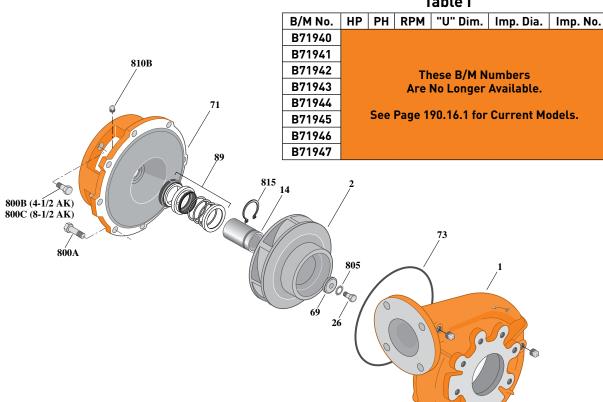
# **BERKELEY**® B3ZPMS Bronze Impeller

Flanged Case, Mechanical Shaft Seal Construction

## ELECTRIC MOTOR DRIVE

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#### Table I



Item No.	Part Description	Part Number
1	Case, Volute	H05130
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 1)	S34383
69	Washer, Impeller	S06314
71	Bracket	See Table II
73	0-Ring (See Note 2)	M14943
89	Seal, Mechanical Shaft	S32014
800A	Capscrew, 3/8 - 16 x 1" (12 Req.) (4-1/2 AK) (Use for Motor and Volute)	S26826
800A	Capscrew, 3/8 - 16 x 1" (8 Req.) (8-1/2 AK) (Use for Volute Only)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23036
810	Plug, Pipe 1/4 NPT (3 Req.)	S23715
815	Ring, Retaining	S11207

## 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
5	1	L05331	8-1/2"	7/8"	213JM
5	3	L05332	4-1/2"	7/8"	184JM
7.5	1	L05331	8-1/2"	7/8"	215JM
7.5	3	L05331	8-1/2"	7/8"	213JM
10	1	L05331	8-1/2"	7/8"	215JM
10	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.



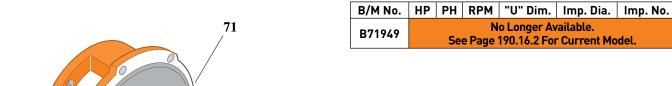
# **BERKELEY**® B3ZPMS Bronze Impeller

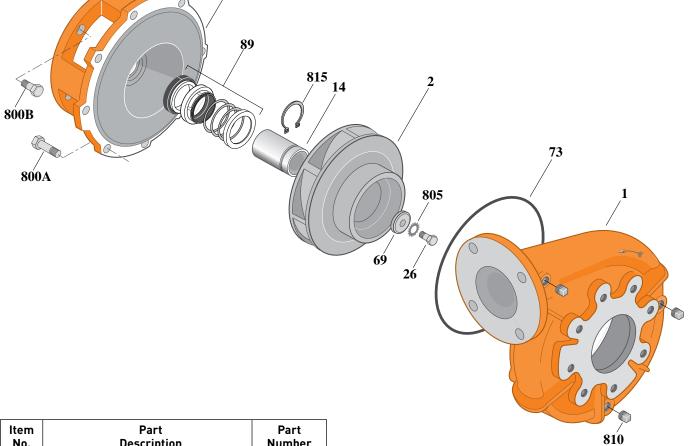
Flanged Case, Mechanical Shaft Seal Construction

# ELECTRIC MOTOR DRIVE

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#### Table I





Item No.	Part Description	Part Number
1	Case, Volute	H05130
2	Impeller	See Table I
14	Sleeve, Shaft	S18869L
26	Screw, Impeller 1/2 - 13 x 1"	S23619
32	Key, 1/4 x 2-1/4" (See Note 1)	S23677
69	Washer, Impeller	S06319
71	Bracket	See Table II
73	0-Ring (See Note 2)	M14943
89	Seal, Mechanical Shaft	S32015
800A	Capscrew, 3/8 - 16 x 1" (8 Req.)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23038
810	Plug, Pipe 1/4 NPT (3 Req.)	S23715
815	Ring, Retaining	S16767

## Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
15	3	L04615	8-1/2"	1-1/4"	254JM

**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.

1614 0195

Flanged Case, Mechanical Shaft Seal Construction

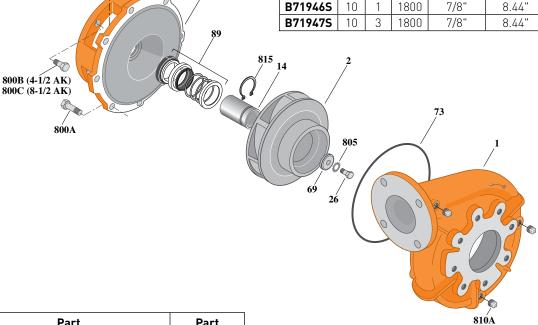
810B

# ELECTRIC MOTOR DRIVE

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## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B71940S	3	1	1800	7/8"	6.06"	H05480
B71941S	3	3	1800	7/8"	6.06"	H05480
B71942S	5	1	1800	7/8"	7.00"	H05481
B71943S	5	3	1800	7/8"	7.00"	H05481
B71944S	7.5	1	1800	7/8"	7.88"	H05482
B71945S	7.5	3	1800	7/8"	7.88"	H05482
B71946S	10	1	1800	7/8"	8.44"	H05483
B71947S	10	3	1800	7/8"	8.44"	H05483



Item No.	Part Description	Part Number
1	Case, Volute	H05130
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 1)	S34383
69	Washer, Impeller	S06314
71	Bracket	See Table II
73	O-Ring (See Note 2)	M14943
89	Seal, Mechanical Shaft	S32014
800A	Capscrew, 3/8 - 16 x 1" (12 Req.) (4-1/2 AK) (Use for Motor and Volute)	S26826
800A	Capscrew, 3/8 - 16 x 1" (8 Req.) (8-1/2 AK) (Use for Volute Only)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23036
810	Plug, Pipe 1/4 NPT (3 Req.)	S23715
815	Ring, Retaining	S11207

## 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
5	1	L05331	8-1/2"	7/8"	213JM
5	3	L05332	4-1/2"	7/8"	184JM
7.5	1	L05331	8-1/2"	7/8"	215JM
7.5	3	L05331	8-1/2"	7/8"	213JM
10	1	L05331	8-1/2"	7/8"	215JM
10	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.



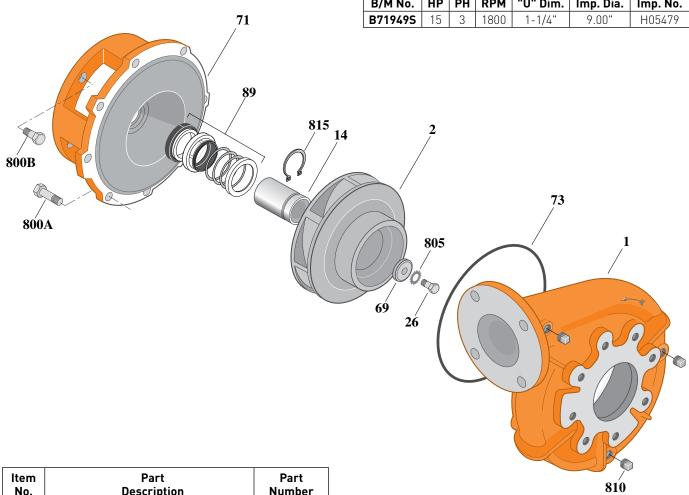
Flanged Case, Mechanical Shaft Seal Construction

# ELECTRIC MOTOR DRIVE

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## Table I

В	B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
В	719495	15	3	1800	1-1/4"	9.00"	H05479



Item No.	Part Description	Part Number
1	Case, Volute	H05130
2	Impeller	See Table I
14	Sleeve, Shaft	S18869L
26	Screw, Impeller 1/2 - 13 x 1"	S23619
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" (8 Req.)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23038
810	Plug, Pipe 1/4 NPT (3 Req.)	S23715
815	Ring, Retaining	S16767

## Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
15	3	L04615	8-1/2"	1-1/4"	254JM

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.



1614 0195

801A (7/8 U) 801B (1-1/4 U)

Threaded Case (NPT), Packing Construction

13A (7/8 U) 13B (1-1/4 U)

800C (7/8 U)

800D (1-1/4 U)

14A (7/8 U) 14B (1-1/4 U)

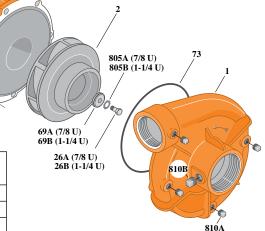
800A (7/8 U) 800B (1-1/4U)

# ELECTRIC MOTOR DRIVE

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## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B66568S	3	1	1800	7/8"	6.06"	H05480
B66569S	3	3	1800	7/8"	6.06"	H05480
B66580S	5	1	1800	1-1/4"	7.00"	H05478
B66581S	5	3	1800	7/8"	7.00"	H05481



14	Part	Do at
Item No.	Description	Part Number
1	Case, Volute	H00689
2	Impeller	See Table I
13A	Rings, Packing (Set of 7)	S15094
13B	Rings, Packing (Set of 6)	S13470
14A	Sleeve, Shaft (2 Req.)	S00619L
14B	Sleeve, Shaft	S05149L
17A	Gland, Packing	B82469
17B	Gland, Packing	B82470
26A	Screw, Impeller 3/8 - 16 x 1"	S23566
26B	Screw, Impeller 1/2 - 13 x 1"	S23619
32A	Key, 3/16 x 1-1/4" (See Note 1)	S34383
32B	Key, 1/4 x 2-1/4" (See Note 1)	S23677
69A	Washer, Impeller	S06314
69B	Washer, Impeller	S06319
71	Bracket	See Table II
73	O-Ring (See Note 2)	M14943
800A	Capscrew, 3/8 - 16 x 1" (8 Req.)	S26826
800B	Capscrew, 3/8 - 16 x 1-1/8" (8 Req.)	S26827
800C	Capscrew, 3/8 - 16 x 1" (4 Req.)	S26826
800D	Capscrew, 1/2 - 13 x 1-1/2" (4 Req.)	S26916
801A	Stud, 3/8 - 16 x 3" (2 Req.)	S04439
801B	Stud, 3/8 - 16 x 4" (2 Req.)	S08303
802	Nut, Hex 3/8 - 16 (2 Req.)	S23343
805A	Washer, Lock	S23036
805B	Washer, Lock	S23038
810A	Plug, Pipe 1/4" NPT (4 Req.)	S23715
810B	Plug, Pipe 1/2" NPT	S23717

#### Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
3	1	H00950	4-1/2"	7/8"	184JP
3	3	H00950	4-1/2"	7/8"	182JP
5	1	L03827	8-1/2"	1-1/4"	213JP
5	3	H00950	4-1/2"	7/8"	184JP

**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.



Threaded Case (NPT), Packing Construction

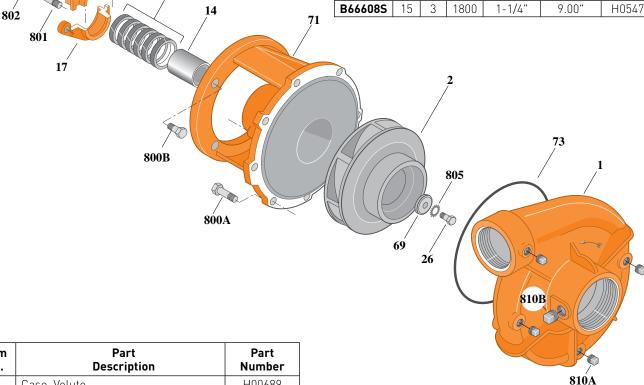
13

# ELECTRIC MOTOR DRIVE

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## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B66590S	7.5	1	1800	1-1/4"	7.88"	H05477
B66591S	7.5	3	1800	1-1/4"	7.88"	H05477
B66600S	10	1	1800	1-1/4"	8.44"	H05476
B66601S	10	3	1800	1-1/4"	8.44"	H05476
B66608S	15	3	1800	1-1/4"	9.00"	H05479



Item No.	Part Description	Part Number
1	Case, Volute	H00689
2	Impeller	See Table I
13	Rings, Packing (Set of 6)	S13470
14	Sleeve, Shaft	S05149L
17	Gland, Packing	B82470
26	Screw, Impeller 1/2 - 13 x 1"	S23619
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" (8 Req.)	S26826
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
810A	Plug, Pipe 1/4" NPT (4 Req.)	S23715
810B	Plug, Pipe 1/2" NPT	S23717

#### Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
7.5	1	L03827	8-1/2"	1-1/4"	215JP
7.5	3	L03827	8-1/2"	1-1/4"	213JP
10	1	L03827	8-1/2"	1-1/4"	215JP
10	3	L03827	8-1/2"	1-1/4"	215JP
15	3	L03827	8-1/2"	1-1/4"	254JP

**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.



13A (7/8 U) 13B (1-1/4 U)

> 14A (7/8 U) 14B (1-1/4 U)

Flanged Case, Packing Construction

801A (7/8 U) 801B (1-1/4 U)

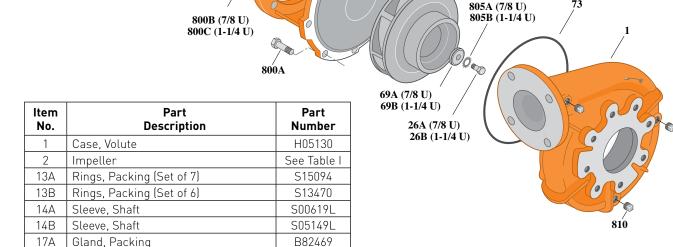
> 17A (7/8 U) 17B (1-1/4 U)

# FLECTRIC MOTOR DRIVE

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#### Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B71930S	3	1	1800	7/8"	6.06"	H05480
B71931S	3	3	1800	7/8"	6.06"	H05480
B71932S	5	1	1800	1-1/4"	7.00"	H05478
B71933S	5	3	1800	7/8"	7.00"	H05481



B82470

S23566

S23619

S34383

S23677

S06314

S06319

See Table II

M14943

S26826

S26826

S26916

S04439

S08303

S23343

S23036

S23038

S23715

#### Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
3	1	H00950	4-1/2"	7/8"	184JP
3	3	H00950	4-1/2"	7/8"	182JP
5	1	L03827	8-1/2"	1-1/4"	213JP
5	3	H00950	4-1/2"	7/8"	184JP

**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.



17B

26A

26B

32A 32B

69A

69B

71

73 800A

800B

800C

801A

801B

802

805A

805B

Gland, Packing

Washer, Impeller

Washer, Impeller

O-Ring (See Note 2)

Bracket

Screw, Impeller 3/8 - 16 x 1"

Screw, Impeller 1/2 - 13 x 1"

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

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

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

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

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

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

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

Plug, Pipe 1/4" NPT (3 Req.)

Washer, Lock

Washer, Lock

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

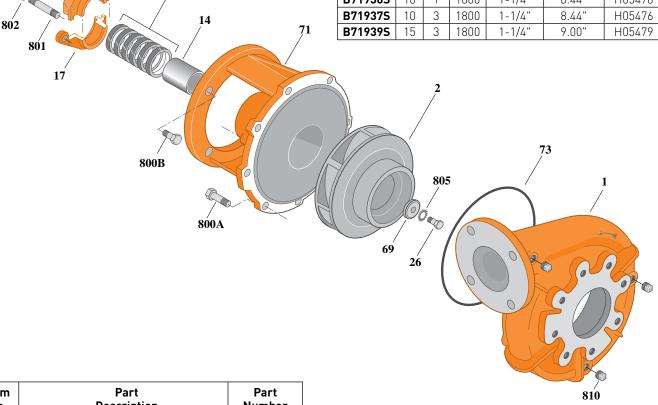
Flanged Case, Packing Construction

# ELECTRIC MOTOR DRIVE

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## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B71934S	7.5	1	1800	1-1/4"	7.88"	H05477
B71935S	7.5	3	1800	1-1/4"	7.88"	H05477
B71936S	10	1	1800	1-1/4"	8.44"	H05476
B71937S	10	3	1800	1-1/4"	8.44"	H05476
B71939S	15	3	1800	1-1/4"	9.00"	H05479



Item No.	Part Description	Part Number
1	Case, Volute	H05130
2	Impeller	See Table I
13	Rings, Packing (Set of 6)	S13470
14	Sleeve, Shaft	S05149L
17	Gland, Packing	B82470
26	Screw, Impeller 1/2 - 13 x 1"	S23619
32	Key, 1/4 x 2-1/4" (See Note 1)	S23677
69	Washer, Impeller	S06319
71	Bracket	See Table II
73	0-Ring (See Note 2)	M14943
800A	Capscrew, 3/8 - 16 x 1" (8 Req.)	S26826
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 (3 Req.)	S23715

## Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
7.5	1	L03827	8-1/2"	1-1/4"	215JP
7.5	3	L03827	8-1/2"	1-1/4"	213JP
10	1	L03827	8-1/2"	1-1/4"	215JP
10	3	L03827	8-1/2"	1-1/4"	215JP
15	3	L03827	8-1/2"	1-1/4"	254JP

**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.



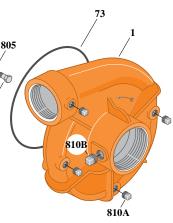
Threaded Case (NPT), Mechanical Shaft Seal Construction

# ELECTRIC MOTOR DRIVE

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## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B66570S	3	1	1800	7/8"	6.06"	H05480
B66571S	3	3	1800	7/8"	6.06"	H05480
B66582S	5	1	1800	7/8"	7.00"	H05481
B66583S	5	3	1800	7/8"	7.00"	H05481
B66592S	7.5	1	1800	7/8"	7.88"	H05482
B66593S	7.5	3	1800	7/8"	7.88"	H05482
B66602S	10	1	1800	7/8"	8.44"	H05483
B66603S	10	3	1800	7/8"	8.44"	H05483



		69	26 810B 810A
n	Part Description	Part Number	1611 1210
	Description	Number	

Item No.	Part Description	Part Number
1	Case, Volute	H00689
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 1)	S34383
69	Washer, Impeller	S06314
71	Bracket	See Table II
73	0-Ring (See Note 3)	M14943
89	Seal, Mechanical Shaft	S32014
800A	Capscrew, 3/8 - 16 x 1" (8 Req.)	S26826
800B	Capscrew, 3/8 - 16 x 1" (4 Req.)	S26826
800C	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23036
810A	Plug, Pipe 1/4" NPT (4 Req.)	S23715
810B	Plug, Pipe 1/2" NPT	S23717
815	Ring, Retaining	S11207
•	Plug, Pipe 1/8" NPT (In Bracket)	S23714

• Not illustrated.

800B (4-1/2 AK) 800C (8-1/2 AK)

800A

## 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
5	1	L05331	8-1/2"	7/8"	213JM
5	3	L05332	4-1/2"	7/8"	184JM
7.5	1	L05331	8-1/2"	7/8"	215JM
7.5	3	L05331	8-1/2"	7/8"	213JM
10	1	L05331	8-1/2"	7/8"	215JM
10	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.

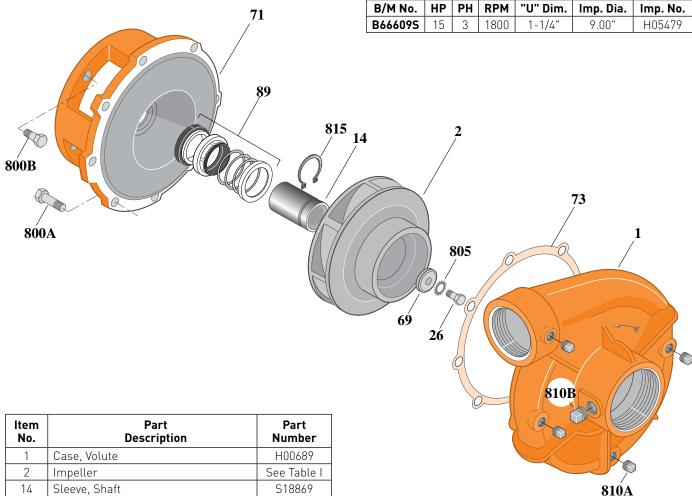


Threaded Case (NPT), Mechanical Shaft Seal Construction

# ELECTRIC MOTOR DRIVE

Section	CC
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Date	March 4, 2013
	Supersedes 09/01/97

## Table I



Item No.	Part Description	Part Number
1	Case, Volute	H00689
2	Impeller	See Table I
14	Sleeve, Shaft	S18869
26	Screw, Impeller 1/2 - 13 x 1"	S23619
32	Key, 1/4 x 2-1/4" (See Note)	S23677
69	Washer, Impeller	S06319
71	Bracket	See Table II
73	Gasket, Volute	S05126
89	Seal, Mechanical Shaft	S32015
800A	Capscrew, 3/8 - 16 x 1" (8 Req.)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23038
810A	Plug, Pipe 1/4" NPT (4 Req.)	S23715
810B	Plug, Pipe 1/2" NPT	S23717
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
15	3	L04615	8-1/2"	1-1/4"	254JM

**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.



1612 0195

810B

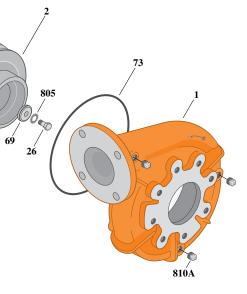
Flanged Case, Mechanical Shaft Seal Construction

## ELECTRIC MOTOR DRIVE

Section	CC
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	Supersedes 07/01/11

## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B71940S	3	1	1800	7/8"	6.06"	H05480
B71941S	3	3	1800	7/8"	6.06"	H05480
B71942S	5	1	1800	7/8"	7.00"	H05481
B71943S	5	3	1800	7/8"	7.00"	H05481
B71944S	7.5	1	1800	7/8"	7.88"	H05482
B71945S	7.5	3	1800	7/8"	7.88"	H05482
B71946S	10	1	1800	7/8"	8.44"	H05483
B71947S	10	3	1800	7/8"	8.44"	H05483



Item No.	Part Description	Part Number
1	Case, Volute	H05130
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 1)	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" (8 Req.)	S26826
800B	Capscrew, 3/8 - 16 x 1" (4 Req.)	S26826
800C	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23036
810A	Plug, Pipe 1/4" NPT (3 Req.)	S23715
810B	Plug, Pipe 1/8" NPT (In Bracket)	S23714
815	Ring, Retaining	S11207

• Not illustrated.

800B (4-1/2 AK) 800C (8-1/2 AK)

800A

#### 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
5	1	L05331	8-1/2"	7/8"	213JM
5	3	L05332	4-1/2"	7/8"	184JM
7.5	1	L05331	8-1/2"	7/8"	215JM
7.5	3	L05331	8-1/2"	7/8"	213JM
10	1	L05331	8-1/2"	7/8"	215JM
10	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.



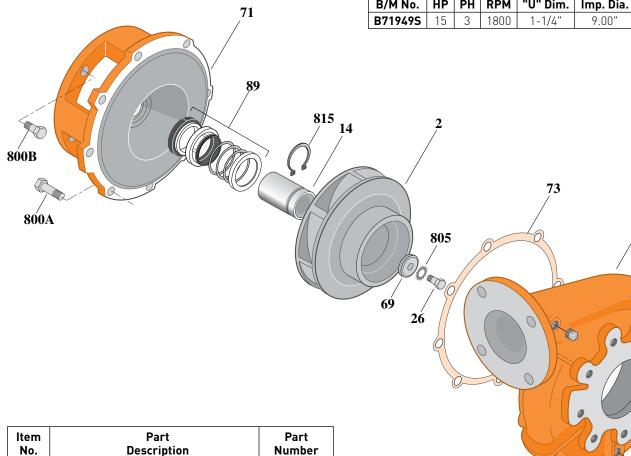
Flanged Case, Mechanical Shaft Seal Construction

# ELECTRIC MOTOR DRIVE

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	Superse	des 09/01/97

## Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B71949S	15	3	1800	1-1/4"	9.00"	H05479



Item No.	Part Description	Part Number
1	Case, Volute	H05130
2	Impeller	See Table I
14	Sleeve, Shaft	S18869
26	Screw, Impeller 1/2 - 13 x 1"	S23619
32	Key, 1/4 x 2-1/4" (See Note)	S23677
69	Washer, Impeller	S06319
71	Bracket	See Table II
73	Gasket, Volute	S05126
89	Seal, Mechanical Shaft	S32015
800A	Capscrew, 3/8 - 16 x 1" (8 Req.)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23038
810	Plug, Pipe 1/4" NPT (3 Req.)	S23715
815	Ring, Retaining	S16767
•	Plug, Pipe 1/8" NPT (In Bracket)	S23714

• Not illustrated.

## Table II

810

1614 0195

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
15	3	L04615	8-1/2"	1-1/4"	254JM

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.

