BERKELEY® B2ZPL Cast Iron Impeller

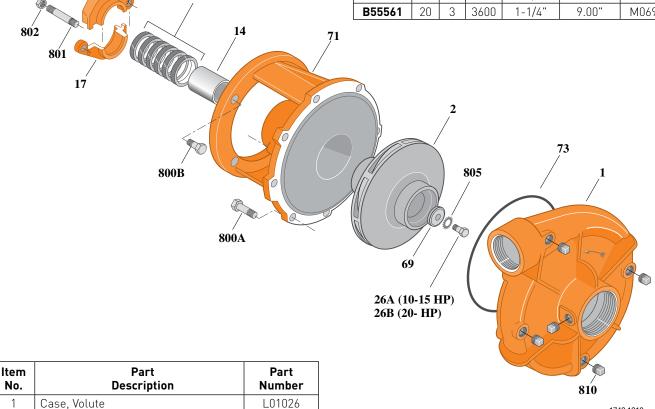
Threaded Case (NPT), Packing Construction

FLECTRIC MOTOR DRIVE

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	Supersedes 07/01/11

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B55571	10	1	3600	1-1/4"	7.56"	M07664
B55572	10	3	3600	1-1/4"	7.56"	M07664
B55573	15	3	3600	1-1/4"	8.31"	M07663
B55561	20	3	3600	1-1/4"	9.00"	M06933



See Table I

S13470

S05149L

B82470

S23621

S23619

S23677

S06319

See Table II

M14943

S26826

S26916

S08303

S23343

S23038

S23715

1743 1210

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
10	1	L03827	8-1/2"	1-1/4"	215JP
10	3	L03827	8-1/2"	1-1/4"	213JP
15	3	L03827	8-1/2"	1-1/4"	215JP
20	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.



No.

2

13

14

17

26A

26B

32 69

71

73

800A

800B

801

802

805

Impeller

Bracket

Sleeve, Shaft

Gland, Packing

Washer, Impeller

O-Ring (See Note 2)

Rings, Packing (Set of 6)

Screw, Impeller 1/2 -13 x 1-1/4"

Screw, Impeller 1/2 -13 x 1"

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

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

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

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

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

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

Washer, Lock

BERKELEY® B2ZPLS

Cast Iron Impeller

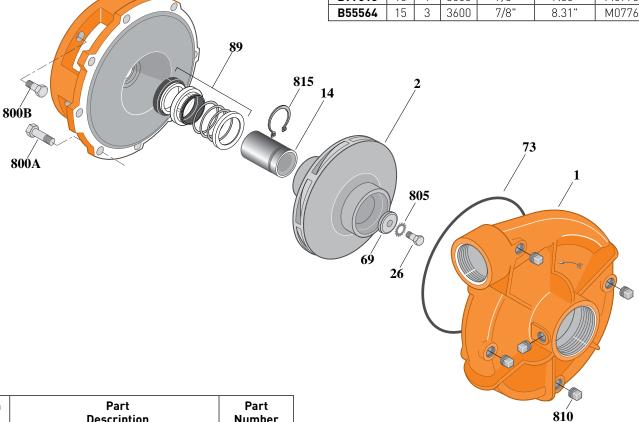
Threaded Case (NPT), Mechanical Shaft Seal Construction

ELECTRIC MOTOR DRIVE

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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B55562	10	1	3600	7/8"	7.56"	M07761
B55563	10	3	3600	7/8"	7.56"	M07761
B59742	10	1	3600	7/8"	7.56"	M07761
B77618	10	1	3600	7/8"	7.56"	M07761
B55564	15	3	3600	7/8"	8.31"	M07762



Item No.	Part Description	Part Number
1	Case, Volute	L01026
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" (8 Req.)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23036
810	Plug, Pipe 1/4 NPT (5 Req.)	S23715
815	Ring, Retaining	S11207

Table II

HF	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
10	1	L05331	8-1/2"	7/8"	215JM
10	3	L05331	8-1/2"	7/8"	213JM
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.



BERKELEY® B2ZPLS

Cast Iron Impeller

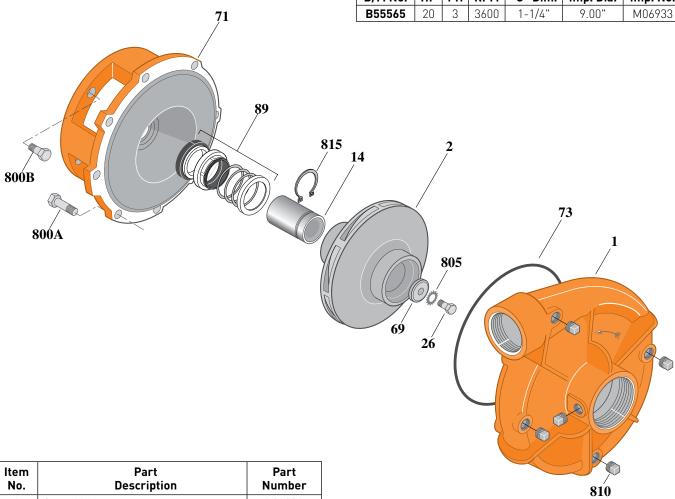
Threaded Case (NPT), Mechanical Shaft Seal Construction

FLECTRIC MOTOR DRIVE

Section		CC
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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B55565	20	3	3600	1-1/4"	9.00"	M06933



S16767

Case, Volute L01026 2 Impeller See Table I 14 Sleeve, Shaft S18869L 26 Screw, Impeller 1/2 - 13 x 1" S23619 Key, 1/4 x 2-1/4" (See Note 1) S23677 32 69 Washer, Impeller S06319 71 Bracket See Table II 73 O-Ring (See Note 2) M14943 Seal, Mechanical Shaft S32015 Capscrew, 3/8 - 16 x 1" (8 Req.) S26826 800A 800B Capscrew, 1/2 - 13 x 1" (4 Req.) S26912 805 Washer, Lock S23038 Plug, Pipe 1/4 NPT (5 Reg.) S23715 810

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
20	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.



815

Ring, Retaining

1607 1210

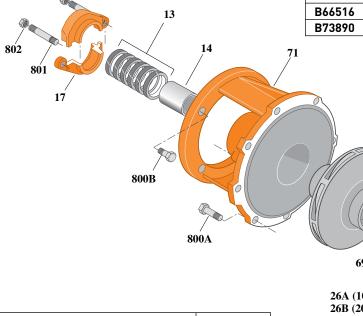
Threaded Case (NPT), Packing Construction

ELECTRIC MOTOR DRIVE

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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B66546	10	1	3600	1-1/4"	7.56"	L06638
B73881	10	1	3600	1-1/4"	7.56"	L08073
B66547	10	3	3600	1-1/4"	7.56"	L06638
B73882	10	3	3600	1-1/4"	7.56"	L08073
B66515	15	3	3600	1-1/4"	8.31"	L06637
B73886	15	3	3600	1-1/4"	8.31"	L08074
B66516	20	3	3600	1-1/4"	9.00"	L06664
B73890	20	3	3600	1-1/4"	9.00"	L08075



Item No.	Part Description	Part Number
1	Case, Volute	L01026
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 1-1/4"	S23621
26B	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 (5 Req.)	S23715

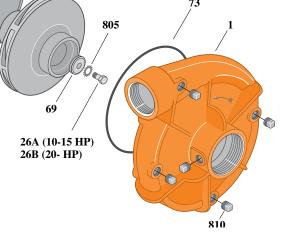


Table II

				••	
HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
10	1	L03827	8-1/2"	1-1/4"	215JP
10	3	L03827	8-1/2"	1-1/4"	213JP
15	3	L03827	8-1/2"	1-1/4"	215JP
20	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.



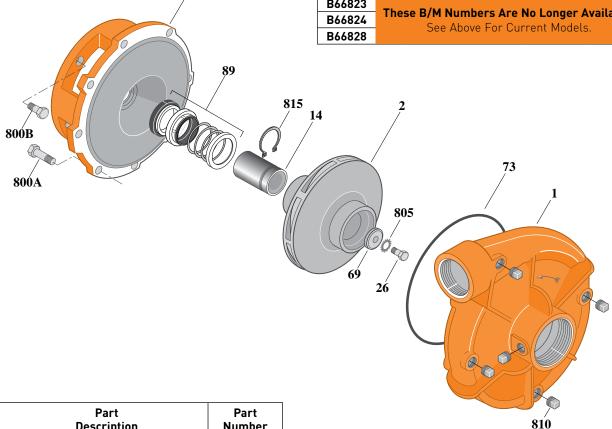
Threaded Case (NPT), Mechanical Shaft Seal Construction

ELECTRIC MOTOR DRIVE

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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.		
B73894	10	1	3600	7/8"	7.56"	L08076		
B73895	10	3	3600	7/8"	7.56"	L08076		
B73899	15	3	3600	7/8"	8.31"	L08077		
B66823								
B66824	ıne	These B/M Numbers Are No Longer Available.						
B66828		See Above For Current Models.						



Item No.	Part Description	Part Number
1	Case, Volute	L01026
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" (8 Req.)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23036
810	Plug, Pipe 1/4 NPT (5 Req.)	S23715
815	Ring, Retaining	S11207

Table II

	HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
	10	1	L05331	8-1/2"	7/8"	215JM
ſ	10	3	L05331	8-1/2"	7/8"	213JM
	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.



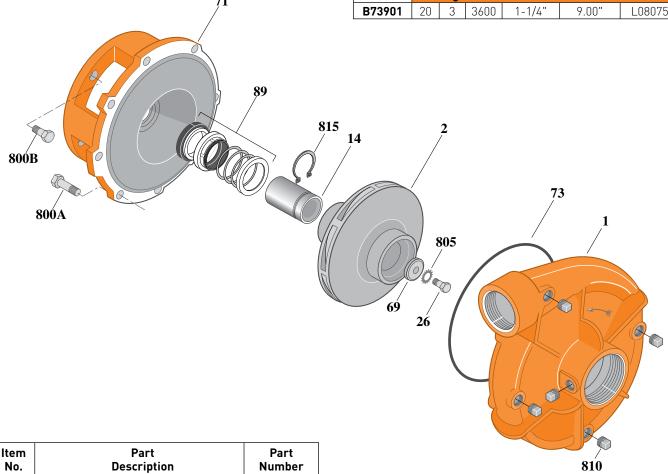
Threaded Case (NPT), Mechanical Shaft Seal Construction

FLECTRIC MOTOR DRIVE

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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B66517	No Longer Available. See Below For Current Mo					
B73901	20	3	3600	1-1/4"	9.00"	L08075

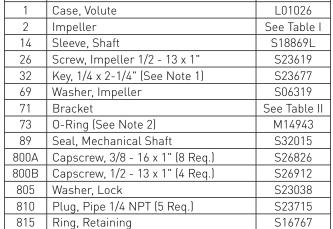


1607 1210

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
20	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.



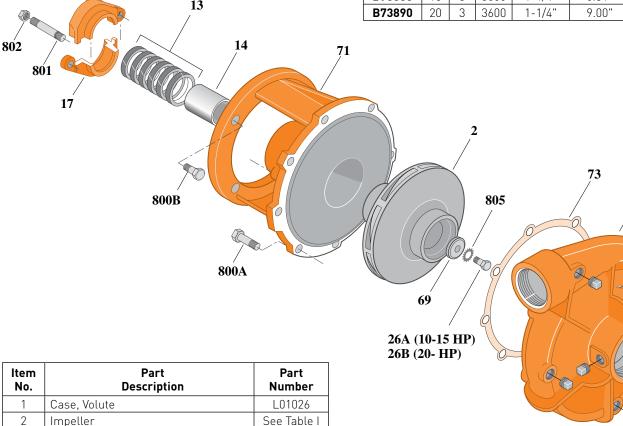
Threaded Case (NPT), Packing Construction

ELECTRIC MOTOR DRIVE

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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B73881	10	1	3600	1-1/4"	7.56"	L08073
B73882	10	3	3600	1-1/4"	7.56"	L08073
B73886	15	3	3600	1-1/4"	8.31"	L08074
B73890	20	3	3600	1-1/4"	9.00"	L08075



S13470

S05149

S12034

S23621

S23619

S23677

S06319

See Table II

S05126

S26826

S26916

S08303

S23343

S23038

S23715

1743 0495

810

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
10	1	L03827	8-1/2"	1-1/4"	215JP
10	3	L03827	8-1/2"	1-1/4"	213JP
15	3	L03827	8-1/2"	1-1/4"	215JP
20	3	L03827	8-1/2"	1-1/4"	254JP

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

26A

26B

32 69

71

73

800A

800B

801

802

805

Rings, Packing (Set of 6)

Screw, Impeller 1/2 -13 x 1-1/4"

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

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

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

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

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

Screw, Impeller 1/2 -13 x 1"

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

Sleeve, Shaft

Gland, Packing

Washer, Impeller

Gasket, Volute

Washer, Lock

Bracket

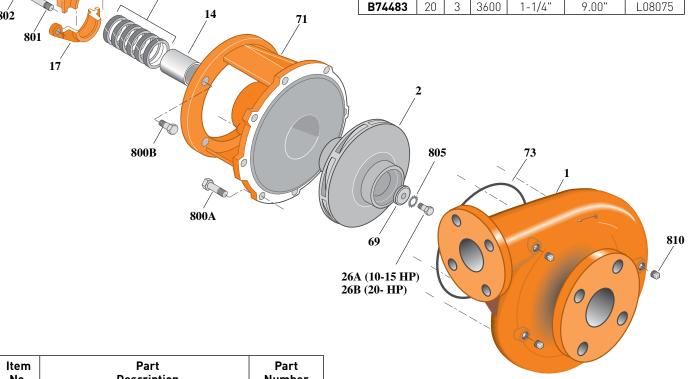
Flanged Case, Packing Construction

ELECTRIC MOTOR DRIVE

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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B74476	10	1	3600	1-1/4"	7.56"	L08073
B74477	10	3	3600	1-1/4"	7.56"	L08073
B74480	15	3	3600	1-1/4"	8.31"	L08074
B74483	20	3	3600	1-1/4"	9.00"	L08075



Item No.	Part Description	Part Number
1	Case, Volute	H05524
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 1-1/4"	S23621
26B	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 (4 Req.)	S23715

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
10	1	L03827	8-1/2"	1-1/4"	215JP
10	3	L03827	8-1/2"	1-1/4"	213JP
15	3	L03827	8-1/2"	1-1/4"	215JP
20	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 0-ring. See **Supplement E** located at the beginning of this section.



1743B 1210

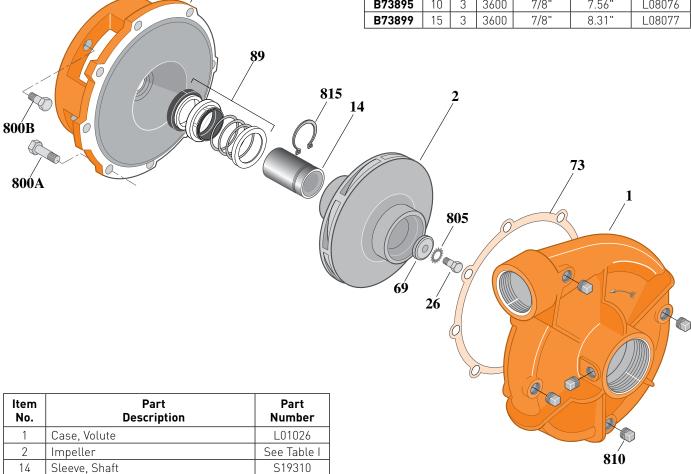
Threaded Case (NPT), Mechanical Shaft Seal Construction

ELECTRIC MOTOR DRIVE

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145131							
B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.	
B73894	10	1	3600	7/8"	7.56"	L08076	
B73895	10	3	3600	7/8"	7.56"	L08076	
B73899	15	3	3600	7/8"	8.31"	L08077	
					·	•	

Table I



S23566

S34383

S06314

See Table II

S05126

S32014

S26826

S26912

S23036

S23715

S11207

S23714

1497 0195

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
10	1	L05331	8-1/2"	7/8"	215JM
10	3	L05331	8-1/2"	7/8"	213JM
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.



26

32

69

71

73

800A

800B

805

810

815

Screw, Impeller 3/8 - 16 x 1"

Washer, Impeller

Seal, Mechanical Shaft

Gasket, Volute

Washer, Lock

Ring, Retaining

Bracket

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

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

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

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

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



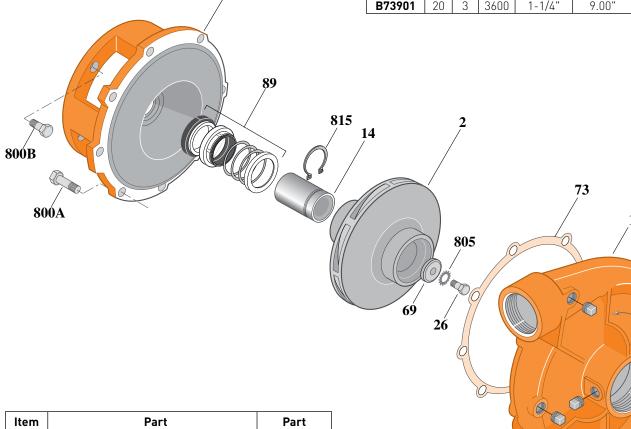
Threaded Case (NPT), Mechanical Shaft Seal Construction

ELECTRIC MOTOR DRIVE

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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B73901	20	3	3600	1-1/4"	9.00"	L08075



Item No.	Part Description	Part Number
1	Case, Volute	L01026
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 1)	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 (5 Req.)	S23715
815	Ring, Retaining	S16767
•	Plug, Pipe 1/8" NPT (In Bracket)	S23714

• Not illustrated.

Table II

810

1607 0195

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
20	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.



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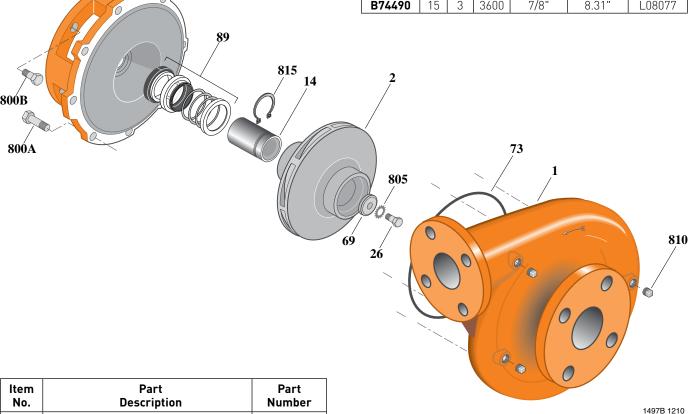
Flanged Case, Mechanical Shaft Seal Construction

ELECTRIC MOTOR DRIVE

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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B74486	10	1	3600	7/8"	7.56"	L08076
B74487	10	3	3600	7/8"	7.56"	L08076
B74490	15	3	3600	7/8"	8.31"	L08077



Item No.	Part Description	Part Number
1	Case, Volute	H05524
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/" (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" (8 Req.)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23036
810	Plug, Pipe 1/4" NPT (4 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
10	1	L05331	8-1/2"	7/8"	215JM
10	3	L05331	8-1/2"	7/8"	213JM
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.

NOTE 3: For seal flush line details, see Supplement D.



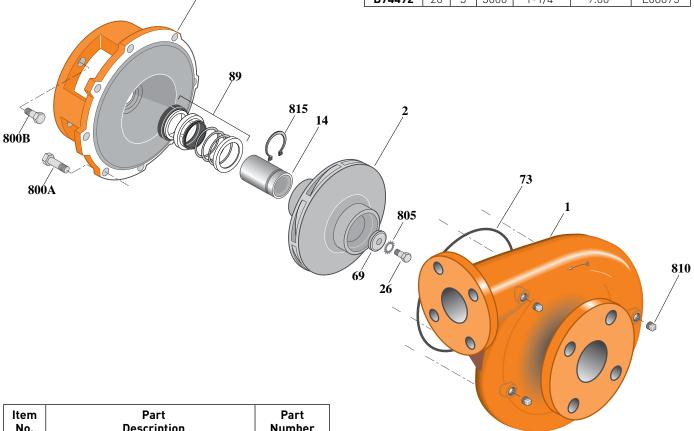
Flanged Case, Mechanical Shaft Seal Construction

ELECTRIC MOTOR DRIVE

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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B74492	20	3	3600	1-1/4"	9.00"	L08075



Item No.	Part Description	Part Number
1	Case, Volute	H05524
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 (4 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

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.

NOTE 3: For seal flush line details, see Supplement D.



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